



SUSE Multi-Linux Manager API

Version 28

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Frequently Asked Questions

Chapter 1. What programming languages are supported by the Uyuni API?

Any language that provides an XMLRPC client interface will work with the Uyuni API. While Perl and Python are two of the most commonly used, an XMLRPC client implementation is available for every common language.

Chapter 2. When trying to call a specific function, the error "Fault returned from XML RPC Server, fault code -1: Could not find method METHOD in class..." is given. What is wrong?

Typically this is seen when either a function name is being called that doesn't exist, the number of parameters for a particular function is incorrect, or the type of a passed parameter is incorrect (Such as an array is expected, but a String is passed). Check all of these things.

Chapter 3. Should I call an API method using the naming scheme "methodName" or "method_name"?

Both of these are valid names for the same method, so use whichever you prefer.

Chapter 4. Why are some available methods listed several times?

The methods are overloaded: the same method name, but a different set of parameters.

access

Chapter 5. Available methods

- `createRole`
- `createRole`
- `deleteRole`
- `grantAccess`
- `grantAccess`
- `listNamespaces`
- `listPermissions`
- `listRoles`
- `revokeAccess`
- `revokeAccess`

Chapter 6. Description

Provides methods to manage Role-Based Access Control

Namespace:

access

Chapter 7. Method: createRole

HTTP POST

Description:

Create a new role.

Parameters:

- string sessionKey
- string label - the unique label of the new role
- string description - the description of the new role
- string array permissionsFrom - the list of roles to inherit permissions from

Returns:

- * struct access group
 - string "label"
 - string "description"

Chapter 8. Method: createRole

HTTP POST

Description:

Create a new role.

Parameters:

- string sessionKey
- string label - the unique label of the new role
- string description - the description of the new role

Returns:

- * struct access group
 - string "label"
 - string "description"

Chapter 9. Method: deleteRole

HTTP POST

Description:

Delete a role.

Parameters:

- string sessionKey
- string label - the unique label of the new role

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 10. Method: grantAccess

HTTP POST

Description:

Grant full access to the given namespace for the specified role. Returns the expanded list of namespaces granted by the call.

Parameters:

- string sessionKey
- string label - the unique label of the role
- string array namespaces - the list of namespaces to grant access to

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 11. Method: grantAccess

HTTP POST

Description:

Grant access to the given namespace for the specified role. Returns the expanded list of namespaces granted by the call.

Parameters:

- string sessionKey
- string label - the unique label of the role
- string array namespaces - the list of namespaces to grant access to
- string array modes - the access modes (R for read/view, W for write/modify)

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 12. Method: listNamespaces

HTTP GET

Description:

List available namespaces.

Parameters:

- string sessionKey

Returns:

- array :
- struct namespace
 - string "namespace"
 - string "access_mode"
 - string "description"

Chapter 13. Method: listPermissions

HTTP GET

Description:

List permissions granted by a role.

Parameters:

- string sessionKey
- string label - the unique label of the role

Returns:

- array :
- struct namespace
 - string "namespace"
 - string "access_mode"
 - string "description"

Chapter 14. Method: listRoles

HTTP GET

Description:

List existing roles.

Parameters:

- string sessionKey

Returns:

- array :
- struct access group
 - string "label"
 - string "description"

Chapter 15. Method: revokeAccess

HTTP POST

Description:

Revoke access to the given namespace for the specified role. Returns the expanded list of namespaces revoked by the call.

Parameters:

- string sessionKey
- string label - the unique label of the role
- string array namespaces - the list of namespaces to revoke access to

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 16. Method: revokeAccess

HTTP POST

Description:

Revoke access to the given namespace for the specified role. Returns the expanded list of namespaces revoked by the call.

Parameters:

- string sessionKey
- string label - the unique label of the role
- string array namespaces - the list of namespaces to revoke access to
- string array modes - the access modes (R for read/view, W for write/modify)

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 17. Available methods

- `addApplyHighstate`
- `addConfigurationDeployment`
- `addErrataUpdate`
- `addErrataUpdate`
- `addErrataUpdate`
- `addPackageInstall`
- `addPackageRemoval`
- `addPackageUpgrade`
- `addPackageVerify`
- `addScriptRun`
- `addScriptRun`
- `addSystemReboot`
- `createChain`
- `deleteChain`
- `listChainActions`
- `listChains`
- `removeAction`
- `renameChain`
- `scheduleChain`

Chapter 18. Description

Provides the namespace for the Action Chain methods.

Namespace:

actionchain

Chapter 19. Method: addApplyHighstate

HTTP POST

Description:

Adds an action to apply highstate on the system to an Action Chain.

Parameters:

- string sessionKey
- int sid - System ID
- string chainLabel - Label of the chain

Returns:

- int actionId - The id of the action or throw an exception

Chapter 20. Method: addConfigurationDeployment

HTTP POST

Description:

Adds an action to deploy a configuration file to an Action Chain.

Parameters:

- string sessionKey
- string chainLabel - Label of the chain
- int sid - System ID
- array revisionSpecifiers
 - struct config revision specifier
 - string "channelLabel" - Channel label
 - string "filePath" - Path of the configuration file
 - int "revision" - Revision number

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 21. Method: addErrataUpdate

HTTP POST

Description:

Adds Errata update to an Action Chain.

Parameters:

- string sessionKey
- int sid - System ID
- int array errataIds - Errata ID
- string chainLabel - Label of the chain

Returns:

- int actionId - The action id of the scheduled action

Chapter 22. Method: addErrataUpdate

HTTP POST

Description:

Adds Errata update to an Action Chain.

Parameters:

- string sessionKey
- int array sids - System IDs
- int array errataIds - Errata ID
- string chainLabel - Label of the chain

Returns:

- int actionId - The action id of the scheduled action

Chapter 23. Method: addErrataUpdate

HTTP POST

Description:

Adds Errata update to an Action Chain.

Parameters:

- string sessionKey
- int array sids - System IDs
- int array errataIds - Errata ID
- string chainLabel - Label of the chain
- boolean onlyRelevant - If true, InvalidErrataException is thrown if an errata does not apply to a system.

Returns:

- int actionId - The action ID of the scheduled action

Chapter 24. Method: addPackageInstall

HTTP POST

Description:

Adds package installation action to an Action Chain.

Parameters:

- string sessionKey
- int sid - System ID
- int array packageIds
- string chainLabel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 25. Method: addPackageRemoval

HTTP POST

Description:

Adds an action to remove installed packages on the system to an Action Chain.

Parameters:

- string sessionKey
- int sid - System ID
- int array packageIds
- string chainLabel - Label of the chain

Returns:

- int actionId - The action id of the scheduled action or exception

Chapter 26. Method: addPackageUpgrade

HTTP POST

Description:

Adds an action to upgrade installed packages on the system to an Action Chain.

Parameters:

- string sessionKey
- int sid - System ID
- int array packageIds
- string chainLabel - Label of the chain

Returns:

- int actionId - The id of the action or throw an exception

Chapter 27. Method: addPackageVerify

HTTP POST

Description:

Adds an action to verify installed packages on the system to an Action Chain.

Parameters:

- string sessionKey
- int sid - System ID
- int array packageIds
- string chainLabel - Label of the chain

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 28. Method: addScriptRun

HTTP POST

Description:

Add an action with label to run a script to an Action Chain. NOTE: The script body must be Base64 encoded!

Parameters:

- string sessionKey
- int sid - System ID
- string chainLabel - Label of the chain
- string scriptLabel - Label of the script
- string uid - User ID on the particular system
- string gid - Group ID on the particular system
- int timeout - Timeout
- string scriptBody - Base64 encoded script body

Returns:

- int actionId - The id of the action or throw an exception

Chapter 29. Method: addScriptRun

HTTP POST

Description:

Add an action to run a script to an Action Chain. NOTE: The script body must be Base64 encoded!

Parameters:

- string sessionKey
- int sid - System ID
- string chainLabel - Label of the chain
- string uid - User ID on the particular system
- string gid - Group ID on the particular system
- int timeout - Timeout
- string scriptBody - Base64 encoded script body

Returns:

- int actionId - The id of the action or throw an exception

Chapter 30. Method: addSystemReboot

HTTP POST

Description:

Add system reboot to an Action Chain.

Parameters:

- string sessionKey
- int sid - System ID
- string chainLabel - Label of the chain

Returns:

- int actionId - The action id of the scheduled action

Chapter 31. Method: createChain

HTTP POST

Description:

Create an Action Chain.

Parameters:

- string sessionKey
- string chainLabel - Label of the chain

Returns:

- int actionId - The ID of the created action chain

Chapter 32. Method: deleteChain

HTTP POST

Description:

Delete action chain by label.

Parameters:

- string sessionKey
- string chainLabel - Label of the chain

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 33. Method: listChainActions

HTTP GET

Description:

List all actions in the particular Action Chain.

Parameters:

- string sessionKey
- string chainLabel - Label of the chain

Returns:

- array :
 - struct entry
 - int "id" - Action ID
 - string "label" - Label of an Action
 - string "created" - Created date/time
 - string "earliest" - Earliest scheduled date/time
 - string "type" - Type of the action
 - string "modified" - Modified date/time
 - string "cuid" - Creator UID

Chapter 34. Method: listChains

HTTP GET

Description:

List currently available action chains.

Parameters:

- string sessionKey

Returns:

- array :
 - struct chain
 - string "label" - Label of an Action Chain
 - string "entrycount" - Number of entries in the Action Chain

Chapter 35. Method: removeAction

HTTP POST

Description:

Remove an action from an Action Chain.

Parameters:

- string sessionKey
- string chainLabel - Label of the chain
- int actionId - Action ID

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 36. Method: renameChain

HTTP POST

Description:

Rename an Action Chain.

Parameters:

- string sessionKey
- string previousLabel - Previous chain label
- string newLabel - New chain label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 37. Method: scheduleChain

HTTP POST

Description:

Schedule the Action Chain so that its actions will actually occur.

Parameters:

- string sessionKey
- string chainLabel - Label of the chain
- dateTime.iso8601 date - Earliest date

Returns:

- int - 1 on success, exception thrown otherwise.

activationkey

Chapter 38. Available methods

- [addAppStreams](#)
- [addChildChannels](#)
- [addConfigChannels](#)
- [addEntitlements](#)
- [addPackages](#)
- [addServerGroups](#)
- [checkConfigDeployment](#)
- [clone](#)
- [create](#)
- [create](#)
- [delete](#)
- [disableConfigDeployment](#)
- [enableConfigDeployment](#)
- [getDetails](#)
- [listActivatedSystems](#)
- [listActivationKeys](#)
- [listChannels](#)
- [listConfigChannels](#)
- [removeAppStreams](#)
- [removeChildChannels](#)
- [removeConfigChannels](#)
- [removeEntitlements](#)
- [removePackages](#)
- [removeServerGroups](#)
- [setConfigChannels](#)
- [setDetails](#)

Chapter 39. Description

Contains methods to access common activation key functions available from the web interface.

Namespace:

activationkey

Chapter 40. Method: addAppStreams

HTTP POST

Description:

Add app streams to an activation key. If any of the provided app streams is not available in the channels of the activation key, the request will fail.

Parameters:

- string sessionKey
- string key
- array appStreams
 - struct Module Stream
 - string "module"
 - string "stream"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 41. Method: addChildChannels

HTTP POST

Description:

Add child channels to an activation key.

Parameters:

- string sessionKey
- string key
- string array childChannelLabels

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 42. Method: addConfigChannels

HTTP POST

Description:

Given a list of activation keys and configuration channels, this method adds given configuration channels to either the top or the bottom (whichever you specify) of an activation key's configuration channels list. The ordering of the configuration channels provided in the add list is maintained while adding. If one of the configuration channels in the 'add' list already exists in an activation key, the configuration channel will be re-ranked to the appropriate place.

Parameters:

- string sessionKey
- string array keys
- string array configChannelLabels - List of configuration channel labels in the ranked order.
- boolean addToTop
 - true - To prepend the given channels to the beginning of the activation key's config channel list
 - false - To append the given channels to the end of the activation key's config channel list

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 43. Method: addEntitlements

HTTP POST

Description:

Add add-on System Types to an activation key.

Parameters:

- string sessionKey
- string key
- string array entitlements - Add-on system type labels to associate with the key.
 - container_build_host
 - monitoring_entitled
 - osimage_build_host
 - virtualization_host
 - ansible_control_node
 - proxy_entitled

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 44. Method: addPackages

HTTP POST

Description:

Add packages to an activation key.

Parameters:

- string sessionKey
- string key
- array packages
 - struct package
 - string "name" - Package name
 - string "arch" - Arch label - Optional

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 45. Method: addServerGroups

HTTP POST

Description:

Add server groups to an activation key.

Parameters:

- string sessionKey
- string key
- int array serverGroupIds

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 46. Method: checkConfigDeployment

HTTP POST

Description:

Check configuration file deployment status for the activation key specified.

Parameters:

- string sessionKey
- string key

Returns:

- int status - 1 if enabled, 0 if disabled, exception thrown otherwise

Chapter 47. Method: clone

HTTP POST

Description:

Clone an existing activation key.

Parameters:

- string sessionKey
- string key - Key to be cloned.
- string cloneDescription - Description of the cloned key.

Returns:

- string The new activation key

Chapter 48. Method: create

HTTP POST

Description:

Create a new activation key. The activation key parameter passed in will be prefixed with the organization ID, and this value will be returned from the create call.

Eg. If the caller passes in the key "foo" and belong to an organization with the ID 100, the actual activation key will be "100-foo".

This call allows for the setting of a usage limit on this activation key. If unlimited usage is desired see the similarly named API method with no usage limit argument.

Parameters:

- string sessionKey
- string key - Leave empty to have new key autogenerated.
- string description
- string baseChannelLabel - Leave empty to accept default.
- int usageLimit - If unlimited usage is desired, use the create API that does not include the parameter.
- string array entitlements - Add-on system type labels to associate with the key.
 - container_build_host
 - monitoring_entitled
 - osimage_build_host
 - virtualization_host
 - ansible_control_node
 - proxy_entitled
- boolean universalDefault

Returns:

- string The new activation key

Chapter 49. Method: create

HTTP POST

Description:

Create a new activation key with unlimited usage. The activation key parameter passed in will be prefixed with the organization ID, and this value will be returned from the create call.

Eg. If the caller passes in the key "foo" and belong to an organization with the ID 100, the actual activation key will be "100-foo".

Parameters:

- string sessionKey
- string key - Leave empty to have new key autogenerated.
- string description
- string baseChannelLabel - Leave empty to accept default.
- string array entitlements - Add-on entitlement label to associate with the key.
 - virtualization_host
- boolean universalDefault

Returns:

- string The new activation key

Chapter 50. Method: delete

HTTP POST

Description:

Delete an activation key.

Parameters:

- string sessionKey
- string key

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 51. Method: disableConfigDeployment

HTTP POST

Description:

Disable configuration file deployment for the specified activation key.

Parameters:

- string sessionKey
- string key

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 52. Method: enableConfigDeployment

HTTP POST

Description:

Enable configuration file deployment for the specified activation key.

Parameters:

- string sessionKey
- string key

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 53. Method: getDetails

HTTP GET

Description:

Lookup an activation key's details.

Parameters:

- string sessionKey
- string key

Returns:

- * struct activation key
 - string "key"
 - string "description"
 - int "usage_limit"
 - string "base_channel_label"
 - string array "child_channel_labels" - childChannelLabel
 - string array "entitlements" - entitlementLabel
 - string array "server_group_ids" - serverGroupId
 - string array "package_names" - packageName - (deprecated by packages)
 - array "packages"
 - struct package
 - string "name" - packageName
 - string "arch" - archLabel - optional
 - boolean "universal_default"
 - boolean "disabled"
 - string "contact_method" - One of the following:
 - default
 - ssh-push
 - ssh-push-tunnel

Available since API version: 10.2

Chapter 54. Method: listActivatedSystems

HTTP GET

Description:

List the systems activated with the key provided.

Parameters:

- string sessionKey
- string key

Returns:

- array :
 - struct system structure
 - int "id" - System id
 - string "hostname"
 - dateTime.iso8601 "last_checkin" - Last time server successfully checked in

Chapter 55. Method: listActivationKeys

HTTP GET

Description:

List activation keys that are visible to the user.

Parameters:

- string sessionKey

Returns:

- array :
- struct activation key
 - string "key"
 - string "description"
 - int "usage_limit"
 - string "base_channel_label"
 - string array "child_channel_labels" - childChannelLabel
 - string array "entitlements" - entitlementLabel
 - string array "server_group_ids" - serverGroupId
 - string array "package_names" - packageName - (deprecated by packages)
 - array "packages"
 - struct package
 - string "name" - packageName
 - string "arch" - archLabel - optional
 - boolean "universal_default"
 - boolean "disabled"
 - string "contact_method" - One of the following:
 - default
 - ssh-push
 - ssh-push-tunnel

Available since API version: 10.2

Chapter 56. Method: listChannels

HTTP GET

Description:

List the channels for the given activation key with temporary authentication tokens to access them. Authentication is done via a machine specific password.

Parameters:

- string minionId - The id of the minion to authenticate with.
- string machinePassword - password specific to a machine.
- string activationKey - activation key to use channels from.

Returns:

- array :
- struct channelInfo
 - string "label" - Channel label
 - string "name" - Channel name
 - string "url" - Channel url
 - string "token" - Channel access token

Chapter 57. Method: listConfigChannels

HTTP GET

Description:

List configuration channels associated to an activation key.

Parameters:

- string sessionKey
- string key

Returns:

- array :
- struct configuration channel information
 - int "id"
 - int "orgId"
 - string "label"
 - string "name"
 - string "description"
 - struct "configChannelType"
- struct configuration channel type information
 - int "id"
 - string "label"
 - string "name"
 - int "priority"

Chapter 58. Method: removeAppStreams

HTTP POST

Description:

Remove app streams from an activation key.

Parameters:

- string sessionKey
- string key
- array appStreams
 - struct Module Stream
 - string "module"
 - string "stream"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 59. Method: removeChildChannels

HTTP POST

Description:

Remove child channels from an activation key.

Parameters:

- string sessionKey
- string key
- string array childChannelLabels

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 60. Method: removeConfigChannels

HTTP POST

Description:

Remove configuration channels from the given activation keys.

Parameters:

- string sessionKey
- string array keys
- string array configChannelLabels

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 61. Method: removeEntitlements

HTTP POST

Description:

Remove entitlements (by label) from an activation key. Currently only virtualization_host add-on entitlement is permitted.

Parameters:

- string sessionKey
- string key
- string array entitlements
 - virtualization_host

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 62. Method: removePackages

HTTP POST

Description:

Remove package names from an activation key.

Parameters:

- string sessionKey
- string key
- array packages
 - struct package
 - string "name" - Package name
 - string "arch" - Arch label - Optional

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 63. Method: removeServerGroups

HTTP POST

Description:

Remove server groups from an activation key.

Parameters:

- string sessionKey
- string key
- int array serverGroupIds

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 64. Method: setConfigChannels

HTTP POST

Description:

Replace the existing set of configuration channels on the given activation keys. Channels are ranked by their order in the array.

Parameters:

- string sessionKey
- string array keys
- string array configChannelLabels

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 65. Method: setDetails

HTTP POST

Description:

Update the details of an activation key.

Parameters:

- string sessionKey
- string key
- struct details
 - string "description" - optional
 - string "base_channel_label" - optional - to set default base channel set to empty string or 'none'
 - int "usage_limit" - optional
 - boolean "unlimited_usage_limit" - Set true for unlimited usage and to override usage_limit
 - boolean "universal_default" - optional
 - boolean "disabled" - optional
 - string "contact_method" - One of the following:
 - default
 - ssh-push
 - ssh-push-tunnel

Returns:

- int - 1 on success, exception thrown otherwise.

admin

Chapter 66. Available methods

- `create`
- `create`
- `delete`
- `getDetails`
- `list`
- `setDetails`

Chapter 67. Description

Provides methods to access and modify PAYG ssh connection data

Namespace:

admin

Chapter 68. Method: create

HTTP POST

Description:

Create a new ssh connection data to extract data from

Parameters:

- string sessionKey
- string description
- string host - hostname or IP address to the instance, will fail if already in use.
- int port
- string username
- string password
- string key - private key to use in authentication
- string keyPassword

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 69. Method: create

HTTP POST

Description:

Create a new ssh connection data to extract data from

Parameters:

- string sessionKey
- string description
- string host - hostname or IP address to the instance, will fail if already in use.
- int port
- string username
- string password
- string key - private key to use in authentication
- string keyPassword
- string bastionHost - hostname or IP address to a bastion host
- int bastionPort
- string bastionUsername
- string bastionPassword
- string bastionKey - private key to use in bastion authentication
- string bastionKeyPassword

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 70. Method: delete

HTTP POST

Description:

Returns a list of ssh connection data registered.

Parameters:

- string sessionKey
- string host - hostname or IP address of the instance

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 71. Method: getDetails

HTTP POST

Description:

Returns a list of ssh connection data registered.

Parameters:

- string sessionKey
- string host - hostname or IP address of the instance, will fail if host doesn't exist.

Returns:

- * struct SSH data
 - string "description"
 - string "hostname"
 - int "port"
 - string "username"
 - string "bastion_hostname"
 - int "bastion_port"
 - string "bastion_username"

Chapter 72. Method: list

HTTP POST

Description:

Returns a list of ssh connection data registered.

Parameters:

- string sessionKey

Returns:

- array :
- struct SSH data
 - string "description"
 - string "hostname"
 - int "port"
 - string "username"
 - string "bastion_hostname"
 - int "bastion_port"
 - string "bastion_username"

Chapter 73. Method: setDetails

HTTP POST

Description:

Updates the details of a ssh connection data

Parameters:

- string sessionKey
- string host - hostname or IP address to the instance, will fail if host doesn't exist.
- struct details - user details
 - string "description"
 - int "port"
 - string "username"
 - string "password"
 - string "key"
 - string "key_password"
 - string "bastion_host"
 - int "bastion_port"
 - string "bastion_username"
 - string "bastion_password"
 - string "bastion_key"
 - string "bastion_key_password"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 74. Available methods

- `configure`

Chapter 75. Description

Provides methods to configure the #product() server.

Namespace:

admin.configuration

Chapter 76. Method: configure

HTTP POST

Description:

Configure server.

Parameters:

- string sessionKey
- map content - the Uyuni configuration formula data

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 77. Available methods

- `disable`
- `enable`
- `getStatus`

Chapter 78. Description

Provides methods to manage the monitoring of the `#product()` server.

Namespace:

`admin.monitoring`

Chapter 79. Method: disable

HTTP POST

Description:

Disable monitoring.

Parameters:

- string sessionKey

Returns:

- array :
 - struct Exporters
 - string "node"
 - string "tomcat"
 - string "taskomatic"
 - string "postgres"
 - string "self_monitoring"

Chapter 80. Method: enable

HTTP POST

Description:

Enable monitoring.

Parameters:

- string sessionKey

Returns:

- array :
 - struct Exporters
 - string "node"
 - string "tomcat"
 - string "taskomatic"
 - string "postgres"
 - string "self_monitoring"

Chapter 81. Method: getStatus

HTTP GET

Description:

Get the status of each Prometheus exporter.

Parameters:

- string sessionKey

Returns:

- array :
 - struct Exporters
 - string "node"
 - string "tomcat"
 - string "taskomatic"
 - string "postgres"
 - string "self_monitoring"

Chapter 82. Available methods

- `create`
- `create`
- `delete`
- `getDetails`
- `list`
- `setDetails`

Chapter 83. Description

Provides methods to access and modify PAYG ssh connection data

Namespace:

admin.payg

Chapter 84. Method: create

HTTP POST

Description:

Create a new ssh connection data to extract data from

Parameters:

- string sessionKey
- string description
- string host - hostname or IP address to the instance, will fail if already in use.
- int port
- string username
- string password
- string key - private key to use in authentication
- string keyPassword

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 85. Method: create

HTTP POST

Description:

Create a new ssh connection data to extract data from

Parameters:

- string sessionKey
- string description
- string host - hostname or IP address to the instance, will fail if already in use.
- int port
- string username
- string password
- string key - private key to use in authentication
- string keyPassword
- string bastionHost - hostname or IP address to a bastion host
- int bastionPort
- string bastionUsername
- string bastionPassword
- string bastionKey - private key to use in bastion authentication
- string bastionKeyPassword

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 86. Method: delete

HTTP POST

Description:

Returns a list of ssh connection data registered.

Parameters:

- string sessionKey
- string host - hostname or IP address of the instance

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 87. Method: getDetails

HTTP POST

Description:

Returns a list of ssh connection data registered.

Parameters:

- string sessionKey
- string host - hostname or IP address of the instance, will fail if host doesn't exist.

Returns:

- * struct SSH data
 - string "description"
 - string "hostname"
 - int "port"
 - string "username"
 - string "bastion_hostname"
 - int "bastion_port"
 - string "bastion_username"

Chapter 88. Method: list

HTTP POST

Description:

Returns a list of ssh connection data registered.

Parameters:

- string sessionKey

Returns:

- array :
- struct SSH data
 - string "description"
 - string "hostname"
 - int "port"
 - string "username"
 - string "bastion_hostname"
 - int "bastion_port"
 - string "bastion_username"

Chapter 89. Method: setDetails

HTTP POST

Description:

Updates the details of a ssh connection data

Parameters:

- string sessionKey
- string host - hostname or IP address to the instance, will fail if host doesn't exist.
- struct details - user details
 - string "description"
 - int "port"
 - string "username"
 - string "password"
 - string "key"
 - string "key_password"
 - string "bastion_host"
 - int "bastion_port"
 - string "bastion_username"
 - string "bastion_password"
 - string "bastion_key"
 - string "bastion_key_password"

Returns:

- int - 1 on success, exception thrown otherwise.

ansible

Chapter 90. Available methods

- `createAnsiblePath`
- `discoverPlaybooks`
- `fetchPlaybookContents`
- `introspectInventory`
- `listAnsiblePaths`
- `lookupAnsiblePathById`
- `removeAnsiblePath`
- `schedulePlaybook`
- `schedulePlaybook`
- `schedulePlaybook`
- `schedulePlaybook`
- `updateAnsiblePath`

Chapter 91. Description

Provides methods to manage Ansible systems

Namespace:

ansible

Chapter 92. Method: createAnsiblePath

HTTP POST

Description:

Create ansible path

Parameters:

- string sessionKey
- struct props
 - string "type" - The ansible path type: 'inventory' or 'playbook'
 - int "server_id" - ID of control node server
 - string "path" - The local path to inventory/playbook

Returns:

- * struct ansible path
 - int "path id"
 - string "type label"
 - int "id of the ansible control node system"
 - string "local path to inventory or playbook"

Chapter 93. Method: discoverPlaybooks

HTTP POST

Description:

Discover playbooks under given playbook path with given pathId

Parameters:

- string sessionKey
- int pathId - path id

Returns:

- struct playbooks
 - struct playbook
- struct ansible path
 - int "path id"
 - string "type label"
 - int "id of the ansible control node system"
 - string "local path to inventory or playbook"

Chapter 94. Method: fetchPlaybookContents

HTTP POST

Description:

Fetch the playbook content from the control node using a synchronous salt call.

Parameters:

- string sessionKey
- int pathId - playbook path id
- string playbookRelPath - relative path of playbook (inside path specified by pathId)

Returns:

- string contents - Text contents of the playbook

Chapter 95. Method: introspectInventory

HTTP POST

Description:

Introspect inventory under given inventory path with given pathId and return it in a structured way

Parameters:

- string sessionKey
- int pathId - path id

Returns:

- struct Inventory in a nested structure
 - object Inventory item - Inventory item (can be nested)

Chapter 96. Method: listAnsiblePaths

HTTP GET

Description:

List ansible paths for server (control node)

Parameters:

- string sessionKey
- int controlId - id of ansible control node server

Returns:

- array :
- struct ansible path
 - int "path id"
 - string "type label"
 - int "id of the ansible control node system"
 - string "local path to inventory or playbook"

Chapter 97. Method: lookupAnsiblePathById

HTTP GET

Description:

Lookup ansible path by path id

Parameters:

- string sessionKey
- int pathId - path id

Returns:

- * struct ansible path
 - int "path id"
 - string "type label"
 - int "id of the ansible control node system"
 - string "local path to inventory or playbook"

Chapter 98. Method: removeAnsiblePath

HTTP POST

Description:

Create ansible path

Parameters:

- string sessionKey
- int pathId - path id

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 99. Method: schedulePlaybook

HTTP POST

Description:

Schedule a playbook execution

Parameters:

- string sessionKey
- string playbookPath
- string inventoryPath - path to Ansible inventory or empty
- int controlId - system ID of the control node
- dateTime.iso8601 earliestOccurrence - earliest the execution command can be sent to the control node. ignored when actionChainLabel is used
- string actionChainLabel - label of an action chain to use, or None

Returns:

- int id - ID of the playbook execution action created

Chapter 100. Method: schedulePlaybook

HTTP POST

Description:

Schedule a playbook execution

Parameters:

- string sessionKey
- string playbookPath
- string inventoryPath - path to Ansible inventory or empty
- int controlId - system ID of the control node
- dateTime.iso8601 earliestOccurrence - earliest the execution command can be sent to the control node. ignored when actionChainLabel is used
- string actionChainLabel - label of an action chain to use, or None
- boolean testMode - 'true' if the playbook shall be executed in test mode

Returns:

- int id - ID of the playbook execution action created

Chapter 101. Method: schedulePlaybook

HTTP POST

Description:

Schedule a playbook execution

Parameters:

- string sessionKey
- string playbookPath
- string inventoryPath - path to Ansible inventory or empty
- int controlId - system ID of the control node
- dateTime.iso8601 earliestOccurrence - earliest the execution command can be sent to the control node. ignored when actionChainLabel is used
- string actionChainLabel - label of an action chain to use, or None
- struct ansibleArgs
 - string "extraVars"
 - boolean "flushCache"

Returns:

- int id - ID of the playbook execution action created

Chapter 102. Method: schedulePlaybook

HTTP POST

Description:

Schedule a playbook execution

Parameters:

- string `sessionKey`
- string `playbookPath`
- string `inventoryPath` - path to Ansible inventory or empty
- int `controlNodeId` - system ID of the control node
- `dateTime.iso8601 earliestOccurrence` - earliest the execution command can be sent to the control node. ignored when `actionChainLabel` is used
- string `actionChainLabel` - label of an action chain to use, or None
- boolean `testMode` - 'true' if the playbook shall be executed in test mode
- struct `ansibleArgs`
 - string `"extraVars"`
 - boolean `"flushCache"`

Returns:

- int `id` - ID of the playbook execution action created

Chapter 103. Method: updateAnsiblePath

HTTP POST

Description:

Create ansible path

Parameters:

- string sessionKey
- int pathId - path id
- struct props
 - string "path" - The local path to inventory/playbook

Returns:

- * struct ansible path
 - int "path id"
 - string "type label"
 - int "id of the ansible control node system"
 - string "local path to inventory or playbook"

Chapter 104. Available methods

- `getApiCallList`
- `getApiNamespaceCallList`
- `getApiNamespaces`
- `getVersion`
- `productName`
- `systemVersion`

Chapter 105. Description

Methods providing information about the API.

Namespace:

api

Chapter 106. Method: getApiCallList

HTTP GET

Description:

Lists all available api calls grouped by namespace

Parameters:

Returns:

- struct method_info
 - string "name" - method name
 - string "parameters" - method parameters
 - string "exceptions" - method exceptions
 - string "return" - method return type

Chapter 107. Method: getApiNamespaceCallList

HTTP GET

Description:

Lists all available api calls for the specified namespace

Parameters:

- string namespace

Returns:

- struct method_info
 - string "name" - method name
 - string "parameters" - method parameters
 - string "exceptions" - method exceptions
 - string "return" - method return type

Chapter 108. Method: getApiNamespaces

HTTP GET

Description:

Lists available API namespaces

Parameters:

Returns:

- struct namespace
 - string "namespace" - API namespace
 - string "handler" - API Handler

Chapter 109. Method: getVersion

HTTP GET

Description:

Returns the version of the API.

Parameters:

Returns:

- string version

Chapter 110. Method: productName

HTTP GET

Description:

Returns the server product name.

Parameters:

Returns:

- string product name

Chapter 111. Method: systemVersion

HTTP GET

Description:

Returns the server version.

Parameters:

Returns:

- string version

audit

Chapter 112. Available methods

- `listImagesByPatchStatus`
- `listImagesByPatchStatus`
- `listSystemsByPatchStatus`
- `listSystemsByPatchStatus`

Chapter 113. Description

Methods to audit systems.

Namespace:

audit

Chapter 114. Method: listImagesByPatchStatus

HTTP GET

Description:

List visible images with their patch status regarding a given CVE identifier. Please note that the query code relies on data that is pre-generated by the 'cve-server-channels' taskomatic job.

Parameters:

- string sessionKey
- string cveIdentifier

Returns:

- array :
- struct CVE audit image
 - int "image_id"
 - string "patch_status"
 - AFFECTED_PATCH_INAPPLICABLE - affected, patch available in unassigned channel
 - AFFECTED_PATCH_APPLICABLE - affected, patch available in assigned channel
 - NOT_AFFECTED - not affected
 - PATCHED - patched
 - channel_labels array "string" - labels of channels that contain an unapplied patch
 - errata_advisories array "string" - advisories of erratas that patch the specified vulnerability

Chapter 115. Method: listImagesByPatchStatus

HTTP GET

Description:

List visible images with their patch status regarding a given CVE identifier. Filter the results by passing in a list of patch status labels. Please note that the query code relies on data that is pre-generated by the 'cve-server-channels' taskomatic job.

Parameters:

- string sessionKey
- string cveIdentifier
- string array patchStatusLabels
 - AFFECTED_PATCH_INAPPLICABLE - Affected, patch available in unassigned channel
 - AFFECTED_PATCH_APPLICABLE - Affected, patch available in assigned channel
 - NOT_AFFECTED - Not affected
 - PATCHED - Patched

Returns:

- array :
- struct CVE audit image
 - int "image_id"
 - string "patch_status"
 - AFFECTED_PATCH_INAPPLICABLE - affected, patch available in unassigned channel
 - AFFECTED_PATCH_APPLICABLE - affected, patch available in assigned channel
 - NOT_AFFECTED - not affected
 - PATCHED - patched
 - channel_labels array "string" - labels of channels that contain an unapplied patch
 - errata_advisories array "string" - advisories of erratas that patch the specified vulnerability

Chapter 116. Method: listSystemsByPatchStatus

HTTP GET

Description:

List visible systems with their patch status regarding a given CVE identifier. Please note that the query code relies on data that is pre-generated by the 'cve-server-channels' taskomatic job.

Parameters:

- string sessionKey
- string cveIdentifier

Returns:

- array :
- struct CVE audit system
 - int "system_id"
 - string "patch_status"
 - AFFECTED_PATCH_INAPPLICABLE - affected, patch available in unassigned channel
 - AFFECTED_PATCH_APPLICABLE - affected, patch available in assigned channel
 - NOT_AFFECTED - not affected
 - PATCHED - patched
 - channel_labels array "string" - labels of channels that contain an unapplied patch
 - errata_advisories array "string" - advisories of erratas that patch the specified vulnerability

Chapter 117. Method: listSystemsByPatchStatus

HTTP GET

Description:

List visible systems with their patch status regarding a given CVE identifier. Filter the results by passing in a list of patch status labels. Please note that the query code relies on data that is pre-generated by the 'cve-server-channels' taskomatic job.

Parameters:

- string sessionKey
- string cveIdentifier
- string array patchStatusLabels
 - AFFECTED_PATCH_INAPPLICABLE - Affected, patch available in unassigned channel
 - AFFECTED_PATCH_APPLICABLE - Affected, patch available in assigned channel
 - NOT_AFFECTED - Not affected
 - PATCHED - Patched

Returns:

- array :
- struct CVE audit system
 - int "system_id"
 - string "patch_status"
 - AFFECTED_PATCH_INAPPLICABLE - affected, patch available in unassigned channel
 - AFFECTED_PATCH_APPLICABLE - affected, patch available in assigned channel
 - NOT_AFFECTED - not affected
 - PATCHED - patched
 - channel_labels array "string" - labels of channels that contain an unapplied patch
 - errata_advisories array "string" - advisories of erratas that patch the specified vulnerability

Chapter 118. Available methods

- login
- login
- logout

Chapter 119. Description

This namespace provides methods to authenticate with the system's management server.

Namespace:

auth

Chapter 120. Method: login

HTTP POST

Description:

Login using a username and password. Returns the session key used by most other API methods.

Parameters:

- string username
- string password

Returns:

- string sessionKey

Chapter 121. Method: login

HTTP POST

Description:

Login using a username and password. Returns the session key used by other methods.

Parameters:

- string username
- string password
- int duration - Length of session.

Returns:

- string sessionKey

Chapter 122. Method: logout

HTTP POST

Description:

Logout the user with the given session key.

Parameters:

- string sessionKey

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 123. Available methods

- `disableUserRestrictions`
- `enableUserRestrictions`
- `getOrgSharing`
- `setOrgSharing`

Chapter 124. Description

Provides methods to retrieve and alter channel access restrictions.

Namespace:

channel.access

Chapter 125. Method: disableUserRestrictions

HTTP POST

Description:

Disable user restrictions for the given channel. If disabled, all users within the organization may subscribe to the channel.

Parameters:

- string sessionKey
- string channelLabel - label of the channel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 126. Method: enableUserRestrictions

HTTP POST

Description:

Enable user restrictions for the given channel. If enabled, only selected users within the organization may subscribe to the channel.

Parameters:

- string sessionKey
- string channelLabel - label of the channel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 127. Method: getOrgSharing

HTTP GET

Description:

Get organization sharing access control.

Parameters:

- string sessionKey
- string channelLabel - label of the channel

Returns:

- string access - The access value (one of the following: 'public', 'private', or 'protected')

Chapter 128. Method: setOrgSharing

HTTP POST

Description:

Set organization sharing access control.

Parameters:

- string sessionKey
- string channelLabel - label of the channel
- string access - Access (one of the following: 'public', 'private', or 'protected')

Returns:

- int - 1 on success, exception thrown otherwise.

channel

Chapter 129. Available methods

- `listAllChannels`
- `listManageableChannels`
- `listMyChannels`
- `listPopularChannels`
- `listRetiredChannels`
- `listSharedChannels`
- `listSoftwareChannels`
- `listVendorChannels`

Chapter 130. Description

Provides method to get back a list of Software Channels.

Namespace:

channel

Chapter 131. Method: listAllChannels

HTTP GET

Description:

List all software channels that the user's organization is entitled to.

Parameters:

- string sessionKey

Returns:

- array :
- struct channel info
 - int "id"
 - string "label"
 - string "name"
 - string "provider_name"
 - int "packages"
 - int "systems"
 - string "arch_name"

Chapter 132. Method: listManageableChannels

HTTP GET

Description:

List all software channels that the user is entitled to manage.

Parameters:

- string sessionKey

Returns:

- array :
- struct channel info
 - int "id"
 - string "label"
 - string "name"
 - string "provider_name"
 - int "packages"
 - int "systems"
 - string "arch_name"

Chapter 133. Method: listMyChannels

HTTP GET

Description:

List all software channels that belong to the user's organization.

Parameters:

- string sessionKey

Returns:

- array :
- struct channel info
 - int "id"
 - string "label"
 - string "name"
 - string "provider_name"
 - int "packages"
 - int "systems"
 - string "arch_name"

Chapter 134. Method: listPopularChannels

HTTP GET

Description:

List the most popular software channels. Channels that have at least the number of systems subscribed as specified by the popularity count will be returned.

Parameters:

- string sessionKey
- int popularityCount

Returns:

- array :
- struct channel info
 - int "id"
 - string "label"
 - string "name"
 - string "provider_name"
 - int "packages"
 - int "systems"
 - string "arch_name"

Chapter 135. Method: listRetiredChannels

HTTP GET

Description:

List all retired software channels. These are channels that the user's organization is entitled to, but are no longer supported because they have reached their 'end-of-life' date.

Parameters:

- string sessionKey

Returns:

- array :
- struct channel info
 - int "id"
 - string "label"
 - string "name"
 - string "provider_name"
 - int "packages"
 - int "systems"
 - string "arch_name"

Chapter 136. Method: listSharedChannels

HTTP GET

Description:

List all software channels that may be shared by the user's organization.

Parameters:

- string sessionKey

Returns:

- array :
- struct channel info
 - int "id"
 - string "label"
 - string "name"
 - string "provider_name"
 - int "packages"
 - int "systems"
 - string "arch_name"

Chapter 137. Method: listSoftwareChannels

HTTP GET

Description:

List all visible software channels.

Parameters:

- string sessionKey

Returns:

- array :
 - struct channel
 - string "label"
 - string "name"
 - string "parent_label"
 - string "end_of_life"
 - string "arch"

Chapter 138. Method: listVendorChannels

HTTP GET

Description:

Lists all the vendor software channels that the user's organization is entitled to.

Parameters:

- string sessionKey

Returns:

- array :
- struct channel info
 - int "id"
 - string "label"
 - string "name"
 - string "provider_name"
 - int "packages"
 - int "systems"
 - string "arch_name"

Chapter 139. Available methods

- `isModular`
- `listModular`
- `listModuleStreams`

Chapter 140. Description

Provides methods to handle appstreams for channels.

Namespace:

channel.appstreams

Chapter 141. Method: isModular

HTTP GET

Description:

Check if channel is modular.

Parameters:

- string sessionKey
- string channelLabel

Returns:

- boolean result - true if the channel is modular

Chapter 142. Method: listModular

HTTP GET

Description:

List modular channels in users organization.

Parameters:

- string sessionKey

Returns:

- array :
- struct channel
 - int "id"
 - string "name"
 - string "label"
 - string "arch_name"
 - string "arch_label"
 - string "summary"
 - string "description"
 - string "checksum_label"
 - dateTime.iso8601 "last_modified"
 - string "maintainer_name"
 - string "maintainer_email"
 - string "maintainer_phone"
 - string "support_policy"
 - string "gpg_key_url"
 - string "gpg_key_id"
 - string "gpg_key_fp"
 - dateTime.iso8601 "yumrepo_last_sync" - (optional)
 - string "end_of_life"

-
- string "parent_channel_label"
 - string "clone_original"
 - array "contentSources"
 - struct content source
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"

Chapter 143. Method: listModuleStreams

HTTP GET

Description:

List available module streams for a given channel.

Parameters:

- string sessionKey
- string channelLabel

Returns:

- array :
- struct AppStream
 - string "stream"
 - string "module"
 - string "arch"

Chapter 144. Available methods

- `disableAccess`
- `enableAccess`
- `list`

Chapter 145. Description

Provides methods to retrieve and alter organization trust relationships for a channel.

Namespace:

channel.org

Chapter 146. Method: disableAccess

HTTP POST

Description:

Disable access to the channel for the given organization.

Parameters:

- string sessionKey
- string label - label of the channel
- int orgId - ID of org being removed access

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 147. Method: enableAccess

HTTP POST

Description:

Enable access to the channel for the given organization.

Parameters:

- string sessionKey
- string label - label of the channel
- int orgId - ID of org being granted access

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 148. Method: list

HTTP POST

Description:

List the organizations associated with the given channel that may be trusted.

Parameters:

- string sessionKey
- string label - label of the channel

Returns:

- array :
 - struct org
 - int "org_id"
 - string "org_name"
 - boolean "access_enabled"

Chapter 149. Available methods

- [addPackages](#)
- [addRepoFilter](#)
- [alignMetadata](#)
- [applyChannelState](#)
- [associateRepo](#)
- [clearRepoFilters](#)
- [clone](#)
- [create](#)
- [create](#)
- [create](#)
- [create](#)
- [createRepo](#)
- [createRepo](#)
- [createRepo](#)
- [delete](#)
- [disassociateRepo](#)
- [getChannelLastBuildById](#)
- [getDetails](#)
- [getDetails](#)
- [getRepoDetails](#)
- [getRepoDetails](#)
- [getRepoSyncCronExpression](#)
- [isExisting](#)
- [isGloballySubscribable](#)
- [isUserManageable](#)
- [isUserSubscribable](#)
- [listAllPackages](#)

-
- `listAllPackages`
 - `listAllPackages`
 - `listArches`
 - `listChannelRepos`
 - `listChildren`
 - `listErrata`
 - `listErrata`
 - `listErrata`
 - `listErrata`
 - `listErrataByType`
 - `listErrataNeedingSync`
 - `listLatestPackages`
 - `listPackagesWithoutChannel`
 - `listRepoFilters`
 - `listSubscribedSystems`
 - `listSystemChannels`
 - `listUserRepos`
 - `mergeErrata`
 - `mergeErrata`
 - `mergeErrata`
 - `mergePackages`
 - `mergePackages`
 - `regenerateNeededCache`
 - `regenerateNeededCache`
 - `regenerateYumCache`
 - `removeErrata`
 - `removePackages`
 - `removeRepo`

-
- `removeRepo`
 - `removeRepoFilter`
 - `setContactDetails`
 - `setDetails`
 - `setDetails`
 - `setGloballySubscribable`
 - `setRepoFilters`
 - `setUserManageable`
 - `setUserSubscribable`
 - `syncErrata`
 - `syncRepo`
 - `syncRepo`
 - `syncRepo`
 - `syncRepo`
 - `syncRepo`
 - `syncRepo`
 - `updateRepo`
 - `updateRepoLabel`
 - `updateRepoLabel`
 - `updateRepoSsl`
 - `updateRepoSsl`
 - `updateRepoUrl`
 - `updateRepoUrl`

Chapter 150. Description

Provides methods to access and modify many aspects of a channel.

Namespace:

channel.software

Chapter 151. Method: addPackages

HTTP POST

Description:

Adds a given list of packages to the given channel.

Parameters:

- string sessionKey
- string channelLabel - target channel
- int array packageIds - ID of a package to add to the channel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 152. Method: addRepoFilter

HTTP POST

Description:

Adds a filter for a given repo.

Parameters:

- string sessionKey
- string label - repository label
- struct filterProps
 - string "filter" - string to filter on
 - string "flag" - + for include, - for exclude

Returns:

- int order - sort order for new filter

Chapter 153. Method: alignMetadata

HTTP POST

Description:

Align the metadata of a channel to another channel.

Parameters:

- string sessionKey
- string channelFromLabel - the label of the source channel
- string channelToLabel - the label of the target channel
- string metadataType - the metadata type. Only 'modules' supported currently.

Returns:

- int result code - 1 when metadata has been aligned, 0 otherwise

Chapter 154. Method: applyChannelState

HTTP POST

Description:

Refresh pillar data and then schedule channels state on the provided systems

Parameters:

- string sessionKey
- int array sids

Returns:

- int array actionId

Chapter 155. Method: associateRepo

HTTP POST

Description:

Associates a repository with a channel

Parameters:

- string sessionKey
- string channelLabel - channel label
- string repoLabel - repository label

Returns:

- * struct channel
 - int "id"
 - string "name"
 - string "label"
 - string "arch_name"
 - string "arch_label"
 - string "summary"
 - string "description"
 - string "checksum_label"
 - dateTime.iso8601 "last_modified"
 - string "maintainer_name"
 - string "maintainer_email"
 - string "maintainer_phone"
 - string "support_policy"
 - string "gpg_key_url"
 - string "gpg_key_id"
 - string "gpg_key_fp"
 - dateTime.iso8601 "yumrepo_last_sync" - (optional)

-
- string "end_of_life"
 - string "parent_channel_label"
 - string "clone_original"
 - array "contentSources"
 - struct content source
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"

Chapter 156. Method: clearRepoFilters

HTTP POST

Description:

Removes the filters for a repo

Parameters:

- string sessionKey
- string label - repository label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 157. Method: clone

HTTP POST

Description:

Clone a channel. If `arch_label` is omitted, the arch label of the original channel will be used. If `parent_label` is omitted, the clone will be a base channel.

Parameters:

- string `sessionKey`
- string `originalLabel`
- struct `channelDetails`
 - string `"name"`
 - string `"label"`
 - string `"summary"`
 - string `"parent_label"` - (optional)
 - string `"arch_label"` - (optional)
 - string `"gpg_key_url"` - (optional), `gpg_url` might be used as well
 - string `"gpg_key_id"` - (optional), `gpg_id` might be used as well
 - string `"gpg_key_fp"` - (optional), `gpg_fingerprint` might be used as well
 - string `"gpg_check"` - (optional)
 - string `"description"` - (optional)
 - string `"checksum"` - either `sha1` or `sha256`
- boolean `originalState`

Returns:

- int `id` - the cloned channel ID

Chapter 158. Method: create

HTTP POST

Description:

Creates a software channel

Parameters:

- string `sessionKey`
- string `label` - label of the new channel
- string `name` - name of the new channel
- string `summary` - summary of the channel
- string `archLabel` - the label of the architecture the channel corresponds to, run `channel.software.listArchives` API for complete listing
- string `parentLabel` - label of the parent of this channel, an empty string if it does not have one
- string `checksumType` - checksum type for this channel, used for yum repository metadata generation
 - `sha1` - offers widest compatibility with clients
 - `sha256` - offers highest security, but is compatible only with newer clients: Fedora 11 and newer, or Enterprise Linux 6 and newer.
- struct `gpgKey`
 - string `"url"` - GPG key URL
 - string `"id"` - GPG key ID
 - string `"fingerprint"` - GPG key Fingerprint
- boolean `gpgCheck` - true if the GPG check should be enabled by default, false otherwise

Returns:

- int `status` - 1 if the creation operation succeeded, 0 otherwise

Available since API version: 10.9

Chapter 159. Method: create

HTTP POST

Description:

Creates a software channel

Parameters:

- string `sessionKey`
- string `label` - label of the new channel
- string `name` - name of the new channel
- string `summary` - summary of the channel
- string `archLabel` - the label of the architecture the channel corresponds to, run `channel.software.listArchives` API for complete listing
- string `parentLabel` - label of the parent of this channel, an empty string if it does not have one
- string `checksumType` - checksum type for this channel, used for yum repository metadata generation
 - `sha1` - offers widest compatibility with clients
 - `sha256` - offers highest security, but is compatible only with newer clients: Fedora 11 and newer, or Enterprise Linux 6 and newer.
- struct `gpgKey`
 - string `"url"` - GPG key URL
 - string `"id"` - GPG key ID
 - string `"fingerprint"` - GPG key Fingerprint

Returns:

- int `status` - 1 if the creation operation succeeded, 0 otherwise

Available since API version: 10.9

Chapter 160. Method: create

HTTP POST

Description:

Creates a software channel

Parameters:

- string `sessionKey`
- string `label` - label of the new channel
- string `name` - name of the new channel
- string `summary` - summary of the channel
- string `archLabel` - the label of the architecture the channel corresponds to, run `channel.software.listArchives` API for complete listing
- string `parentLabel` - label of the parent of this channel, an empty string if it does not have one
- string `checksumType` - checksum type for this channel, used for yum repository metadata generation
 - `sha1` - offers widest compatibility with clients
 - `sha256` - offers highest security, but is compatible only with newer clients: Fedora 11 and newer, or Enterprise Linux 6 and newer.

Returns:

- int `status` - 1 if the creation operation succeeded, 0 otherwise

Available since API version: 10.9

Chapter 161. Method: create

HTTP POST

Description:

Creates a software channel

Parameters:

- string `sessionKey`
- string `label` - label of the new channel
- string `name` - name of the new channel
- string `summary` - summary of the channel
- string `archLabel` - the label of the architecture the channel corresponds to, run `channel.software.listArchives` API for complete listing
- string `parentLabel` - label of the parent of this channel, an empty string if it does not have one

Returns:

- int `status` - 1 if the creation operation succeeded, 0 otherwise

Chapter 162. Method: createRepo

HTTP POST

Description:

Creates a repository

Parameters:

- string sessionKey
- string label - repository label
- string type - repository type (yum, uln...)
- string url - repository url

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 163. Method: createRepo

HTTP POST

Description:

Creates a repository

Parameters:

- string sessionKey
- string label - repository label
- string type - repository type (yum, uln...)
- string url - repository url
- string sslCaCert - SSL CA cert description
- string sslCliCert - SSL Client cert description
- string sslCliKey - SSL Client key description

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 164. Method: createRepo

HTTP POST

Description:

Creates a repository

Parameters:

- string sessionKey
- string label - repository label
- string type - repository type (only YUM is supported)
- string url - repository url
- string sslCaCert - SSL CA cert description, or an empty string
- string sslCliCert - SSL Client cert description, or an empty string
- string sslCliKey - SSL Client key description, or an empty string
- boolean hasSignedMetadata - true if the repository has signed metadata, false otherwise

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 165. Method: delete

HTTP POST

Description:

Deletes a custom software channel

Parameters:

- string sessionKey
- string channelLabel - channel to delete

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 166. Method: disassociateRepo

HTTP POST

Description:

Disassociates a repository from a channel

Parameters:

- string sessionKey
- string channelLabel - channel label
- string repoLabel - repository label

Returns:

- * struct channel
 - int "id"
 - string "name"
 - string "label"
 - string "arch_name"
 - string "arch_label"
 - string "summary"
 - string "description"
 - string "checksum_label"
 - dateTime.iso8601 "last_modified"
 - string "maintainer_name"
 - string "maintainer_email"
 - string "maintainer_phone"
 - string "support_policy"
 - string "gpg_key_url"
 - string "gpg_key_id"
 - string "gpg_key_fp"
 - dateTime.iso8601 "yumrepo_last_sync" - (optional)

-
- string "end_of_life"
 - string "parent_channel_label"
 - string "clone_original"
 - array "contentSources"
 - struct content source
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"

Chapter 167. Method: getChannelLastBuildById

HTTP GET

Description:

Returns the last build date of the repomd.xml file for the given channel as a localised string.

Parameters:

- string sessionKey
- int id - id of channel wanted

Returns:

- date date - the last build date of the repomd.xml file as a localised string

Chapter 168. Method: getDetails

HTTP GET

Description:

Returns details of the given channel as a map

Parameters:

- string sessionKey
- string channelLabel - channel to query

Returns:

- * struct channel
 - int "id"
 - string "name"
 - string "label"
 - string "arch_name"
 - string "arch_label"
 - string "summary"
 - string "description"
 - string "checksum_label"
 - dateTime.iso8601 "last_modified"
 - string "maintainer_name"
 - string "maintainer_email"
 - string "maintainer_phone"
 - string "support_policy"
 - string "gpg_key_url"
 - string "gpg_key_id"
 - string "gpg_key_fp"
 - dateTime.iso8601 "yumrepo_last_sync" - (optional)
 - string "end_of_life"

-
- string "parent_channel_label"
 - string "clone_original"
 - array "contentSources"
 - struct content source
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"

Chapter 169. Method: getDetails

HTTP GET

Description:

Returns details of the given channel as a map

Parameters:

- string sessionKey
- int id - channel to query

Returns:

- * struct channel
 - int "id"
 - string "name"
 - string "label"
 - string "arch_name"
 - string "arch_label"
 - string "summary"
 - string "description"
 - string "checksum_label"
 - dateTime.iso8601 "last_modified"
 - string "maintainer_name"
 - string "maintainer_email"
 - string "maintainer_phone"
 - string "support_policy"
 - string "gpg_key_url"
 - string "gpg_key_id"
 - string "gpg_key_fp"
 - dateTime.iso8601 "yumrepo_last_sync" - (optional)
 - string "end_of_life"

-
- string "parent_channel_label"
 - string "clone_original"
 - array "contentSources"
 - struct content source
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"

Chapter 170. Method: getRepoDetails

HTTP GET

Description:

Returns details of the given repository

Parameters:

- string sessionKey
- string repoLabel - repo to query

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 171. Method: getRepoDetails

HTTP GET

Description:

Returns details of the given repository

Parameters:

- string sessionKey
- int id - repository ID

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 172. Method: getRepoSyncCronExpression

HTTP GET

Description:

Returns repo synchronization cron expression

Parameters:

- string sessionKey
- string channelLabel - channel label

Returns:

- string expression - quartz expression

Chapter 173. Method: isExisting

HTTP GET

Description:

Returns whether is existing

Parameters:

- string sessionKey
- string channelLabel - label of the channel

Returns:

- boolean result - true if the channel exists

Chapter 174. Method: isGloballySubscribable

HTTP GET

Description:

Returns whether the channel is subscribable by any user in the organization

Parameters:

- string sessionKey
- string channelLabel - channel to query

Returns:

- int subscribable - 1 if true, 0 otherwise

Chapter 175. Method: isUserManageable

HTTP GET

Description:

Returns whether the channel may be managed by the given user.

Parameters:

- string sessionKey
- string channelLabel - label of the channel
- string login - login of the target user

Returns:

- int status - 1 if manageable, 0 if not

Chapter 176. Method: isUserSubscribable

HTTP GET

Description:

Returns whether the channel may be subscribed to by the given user.

Parameters:

- string sessionKey
- string channelLabel - label of the channel
- string login - login of the target user

Returns:

- int status - 1 if subscribable, 0 if not

Chapter 177. Method: listAllPackages

HTTP GET

Description:

Lists all packages in the channel, regardless of package version, between the given dates.

Parameters:

- string sessionKey
- string channelLabel - channel to query
- dateTime.iso8601 startDate
- dateTime.iso8601 endDate

Returns:

- array :
- struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - string "checksum"
 - string "checksum_type"
 - int "id"
 - string "arch_label"
 - string "last_modified_date"
 - string "last_modified" - (deprecated)

Chapter 178. Method: listAllPackages

HTTP GET

Description:

Lists all packages in the channel, regardless of version whose last modified date is greater than given date.

Parameters:

- string sessionKey
- string channelLabel - channel to query
- dateTime.iso8601 startDate

Returns:

- array :
- struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - string "checksum"
 - string "checksum_type"
 - int "id"
 - string "arch_label"
 - string "last_modified_date"
 - string "last_modified" - (deprecated)

Chapter 179. Method: listAllPackages

HTTP GET

Description:

Lists all packages in the channel, regardless of the package version

Parameters:

- string sessionKey
- string channelLabel - channel to query

Returns:

- array :
- struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - string "checksum"
 - string "checksum_type"
 - int "id"
 - string "arch_label"
 - string "last_modified_date"
 - string "last_modified" - (deprecated)

Chapter 180. Method: listArches

HTTP GET

Description:

Lists the potential software channel architectures that can be created

Parameters:

- string sessionKey

Returns:

- array :
- struct channel arch
 - string "name"
 - string "label"

Chapter 181. Method: listChannelRepos

HTTP GET

Description:

Lists associated repos with the given channel

Parameters:

- string sessionKey
- string channelLabel - channel label

Returns:

- array :
- struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 182. Method: listChildren

HTTP GET

Description:

List the children of a channel

Parameters:

- string sessionKey
- string channelLabel - the label of the channel

Returns:

- array :
- struct channel
 - int "id"
 - string "name"
 - string "label"
 - string "arch_name"
 - string "arch_label"
 - string "summary"
 - string "description"
 - string "checksum_label"
 - dateTime.iso8601 "last_modified"
 - string "maintainer_name"
 - string "maintainer_email"
 - string "maintainer_phone"
 - string "support_policy"
 - string "gpg_key_url"
 - string "gpg_key_id"
 - string "gpg_key_fp"
 - dateTime.iso8601 "yumrepo_last_sync" - (optional)

-
- string "end_of_life"
 - string "parent_channel_label"
 - string "clone_original"
 - array "contentSources"
 - struct content source
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"

Chapter 183. Method: listErrata

HTTP GET

Description:

List the errata applicable to a channel after given startDate

Parameters:

- string sessionKey
- string channelLabel - channel to query
- dateTime.iso8601 startDate

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "issue_date" - the date erratum was updated (deprecated)
 - string "date" - the date erratum was created (deprecated)
 - string "update_date" - the date erratum was updated (deprecated)
 - string "advisory_synopsis" - summary of the erratum
 - string "advisory_type" - type label such as 'Security', 'Bug Fix'
 - string "advisory_status" - status label such as 'final', 'testing', 'retracted'
 - string "advisory_name" - name such as 'RHSA', etc.
 - boolean "reboot_suggested" - A boolean flag signaling whether a system reboot is advisable following the application of the errata. Typical example is upon kernel update.
 - boolean "restart_suggested" - A boolean flag signaling a weather reboot of the package manager is advisable following the application of the errata. This is commonly used to address update stack issues before proceeding with other updates.

Chapter 184. Method: listErrata

HTTP GET

Description:

List the errata applicable to a channel between startDate and endDate.

Parameters:

- string sessionId
- string channelLabel - channel to query
- dateTime.iso8601 startDate
- dateTime.iso8601 endDate

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "issue_date" - the date erratum was updated (deprecated)
 - string "date" - the date erratum was created (deprecated)
 - string "update_date" - the date erratum was updated (deprecated)
 - string "advisory_synopsis" - summary of the erratum
 - string "advisory_type" - type label such as 'Security', 'Bug Fix'
 - string "advisory_status" - status label such as 'final', 'testing', 'retracted'
 - string "advisory_name" - name such as 'RHSA', etc.
 - boolean "reboot_suggested" - A boolean flag signaling whether a system reboot is advisable following the application of the errata. Typical example is upon kernel update.
 - boolean "restart_suggested" - A boolean flag signaling a weather reboot of the package manager is advisable following the application of the errata. This is commonly used to address update stack issues before proceeding with other updates.

Chapter 185. Method: listErrata

HTTP GET

Description:

List the errata applicable to a channel between startDate and endDate.

Parameters:

- string sessionKey
- string channelLabel - channel to query
- dateTime.iso8601 startDate
- dateTime.iso8601 endDate
- boolean lastModified - select by last modified or not

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "issue_date" - the date erratum was updated (deprecated)
 - string "date" - the date erratum was created (deprecated)
 - string "update_date" - the date erratum was updated (deprecated)
 - string "advisory_synopsis" - summary of the erratum
 - string "advisory_type" - type label such as 'Security', 'Bug Fix'
 - string "advisory_status" - status label such as 'final', 'testing', 'retracted'
 - string "advisory_name" - name such as 'RHSA', etc.
 - boolean "reboot_suggested" - A boolean flag signaling whether a system reboot is advisable following the application of the errata. Typical example is upon kernel update.
 - boolean "restart_suggested" - A boolean flag signaling a weather reboot of the package manager is advisable following the application of the errata. This is commonly used to address update stack issues before proceeding with other updates.

Chapter 186. Method: listErrata

HTTP GET

Description:

List the errata applicable to a channel

Parameters:

- string sessionKey
- string channelLabel - channel to query

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "issue_date" - the date erratum was updated (deprecated)
 - string "date" - the date erratum was created (deprecated)
 - string "update_date" - the date erratum was updated (deprecated)
 - string "advisory_synopsis" - summary of the erratum
 - string "advisory_type" - type label such as 'Security', 'Bug Fix'
 - string "advisory_status" - status label such as 'final', 'testing', 'retracted'
 - string "advisory_name" - name such as 'RHSA', etc.
 - boolean "reboot_suggested" - A boolean flag signaling whether a system reboot is advisable following the application of the errata. Typical example is upon kernel update.
 - boolean "restart_suggested" - A boolean flag signaling a weather reboot of the package manager is advisable following the application of the errata. This is commonly used to address update stack issues before proceeding with other updates.

Chapter 187. Method: listErrataByType

HTTP GET

Description:

List the errata of a specific type that are applicable to a channel

Parameters:

- string sessionKey
- string channelLabel - channel to query
- string advisoryType - type of advisory (one of the following: 'Security Advisory', 'Product Enhancement Advisory', 'Bug Fix Advisory')

Returns:

- array :
 - struct errata
 - string "advisory" - name of the advisory
 - string "issue_date" - date format follows YYYY-MM-DD HH24:MI:SS
 - string "update_date" - date format follows YYYY-MM-DD HH24:MI:SS
 - string "synopsis"
 - string "advisory_type"
 - string "last_modified_date" - date format follows YYYY-MM-DD HH24:MI:SS

Chapter 188. Method: listErrataNeedingSync

HTTP GET

Description:

If you have synced a new channel then patches will have been updated with the packages that are in the newly synced channel. A cloned erratum will not have been automatically updated however. If you cloned a channel that includes those cloned errata and should include the new packages, they will not be included when they should. This method lists the errata that will be updated if you run the syncErrata method.

Parameters:

- string sessionKey
- string channelLabel - channel to update

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "issue_date" - the date erratum was updated (deprecated)
 - string "date" - the date erratum was created (deprecated)
 - string "update_date" - the date erratum was updated (deprecated)
 - string "advisory_synopsis" - summary of the erratum
 - string "advisory_type" - type label such as 'Security', 'Bug Fix'
 - string "advisory_status" - status label such as 'final', 'testing', 'retracted'
 - string "advisory_name" - name such as 'RHSA', etc.
 - boolean "reboot_suggested" - A boolean flag signaling whether a system reboot is advisable following the application of the errata. Typical example is upon kernel update.
 - boolean "restart_suggested" - A boolean flag signaling a weather reboot of the package manager is advisable following the application of the errata. This is commonly used to address update stack issues before proceeding with other updates.

Chapter 189. Method: listLatestPackages

HTTP GET

Description:

Lists the packages with the latest version (including release and epoch) for the given channel

Parameters:

- string sessionKey
- string channelLabel - channel to query

Returns:

- array :
 - struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - int "id"
 - string "arch_label"

Chapter 190. Method: listPackagesWithoutChannel

HTTP GET

Description:

Lists all packages that are not associated with a channel. Typically these are custom packages.

Parameters:

- string sessionKey

Returns:

- array :
- struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - int "id"
 - string "arch_label"
 - dateTime.iso8601 "last_modified"
 - string "path" - the path on that file system that the package resides
 - boolean "part_of_retracted_patch" - true if the package is a part of a retracted patch
 - string "provider" - the provider of the package, determined by the gpg key it was signed with.

Chapter 191. Method: listRepoFilters

HTTP GET

Description:

Lists the filters for a repo

Parameters:

- string sessionKey
- string label - repository label

Returns:

- array :
- struct filter
 - int "sortOrder"
 - string "filter"
 - string "flag"

Chapter 192. Method: listSubscribedSystems

HTTP GET

Description:

Returns list of subscribed systems for the given channel label

Parameters:

- string sessionKey
- string channelLabel - channel to query

Returns:

- array :
 - struct system
 - int "id"
 - string "name"

Chapter 193. Method: listSystemChannels

HTTP GET

Description:

Returns a list of channels that a system is subscribed to for the given system id

Parameters:

- string sessionKey
- int sid - system ID

Returns:

- array :
 - struct channel
 - string "id"
 - string "label"
 - string "name"

Chapter 194. Method: listUserRepos

HTTP GET

Description:

Returns a list of ContentSource (repos) that the user can see

Parameters:

- string sessionKey

Returns:

- array :
 - struct map
 - long "id" - ID of the repo
 - string "label" - label of the repo
 - string "sourceUrl" - URL of the repo

Chapter 195. Method: mergeErrata

HTTP POST

Description:

Merges all errata from one channel into another

Parameters:

- string sessionKey
- string mergeFromLabel - the label of the channel to pull errata from
- string mergeToLabel - the label to push the errata into

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "date" - the date erratum was created
 - string "advisory_type" - type of the advisory
 - string "advisory_status" - status of the advisory
 - string "advisory_name" - name of the advisory
 - string "advisory_synopsis" - summary of the erratum

Chapter 196. Method: mergeErrata

HTTP POST

Description:

Merges all errata from one channel into another based upon a given start/end date.

Parameters:

- string sessionKey
- string mergeFromLabel - the label of the channel to pull errata from
- string mergeToLabel - the label to push the errata into
- string startDate
- string endDate

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "date" - the date erratum was created
 - string "advisory_type" - type of the advisory
 - string "advisory_status" - status of the advisory
 - string "advisory_name" - name of the advisory
 - string "advisory_synopsis" - summary of the erratum

Chapter 197. Method: mergeErrata

HTTP POST

Description:

Merges a list of errata from one channel into another

Parameters:

- string `sessionKey`
- string `mergeFromLabel` - the label of the channel to pull errata from
- string `mergeToLabel` - the label to push the errata into
- string array `errataNames` - the advisory name of the errata to merge

Returns:

- array :
- struct `errata`
 - int `"id"` - errata ID
 - string `"date"` - the date erratum was created
 - string `"advisory_type"` - type of the advisory
 - string `"advisory_status"` - status of the advisory
 - string `"advisory_name"` - name of the advisory
 - string `"advisory_synopsis"` - summary of the erratum

Chapter 198. Method: mergePackages

HTTP POST

Description:

Merges all packages from one channel into another

Parameters:

- string sessionKey
- string mergeFromLabel - the label of the channel to pull packages from
- string mergeToLabel - the label to push the packages into

Returns:

- array :
- struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - int "id"
 - string "arch_label"
 - dateTime.iso8601 "last_modified"
 - string "path" - the path on that file system that the package resides
 - boolean "part_of_retracted_patch" - true if the package is a part of a retracted patch
 - string "provider" - the provider of the package, determined by the gpg key it was signed with.

Chapter 199. Method: mergePackages

HTTP POST

Description:

Merges all packages from one channel into another

Parameters:

- string `sessionKey`
- string `mergeFromLabel` - the label of the channel to pull packages from
- string `mergeToLabel` - the label to push the packages into
- boolean `alignModules` - align modular data of the target channel to the source channel (RHEL8 and higher)

Returns:

- array :
- struct `package`
 - string `"name"`
 - string `"version"`
 - string `"release"`
 - string `"epoch"`
 - int `"id"`
 - string `"arch_label"`
 - `dateTime.iso8601` `"last_modified"`
 - string `"path"` - the path on that file system that the package resides
 - boolean `"part_of_retracted_patch"` - true if the package is a part of a retracted patch
 - string `"provider"` - the provider of the package, determined by the `gpg` key it was signed with.

Chapter 200. Method: regenerateNeededCache

HTTP POST

Description:

Completely clear and regenerate the needed Errata and Package cache for all systems subscribed to the specified channel. This should be used only if you believe your cache is incorrect for all the systems in a given channel. This will schedule an asynchronous action to actually do the processing.

Parameters:

- string sessionKey
- string channelLabel - the label of the channel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 201. Method: regenerateNeededCache

HTTP POST

Description:

Completely clear and regenerate the needed Errata and Package cache for all systems subscribed. You must be a #product() Admin to perform this action. This will schedule an asynchronous action to actually do the processing.

Parameters:

- string sessionKey

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 202. Method: regenerateYumCache

HTTP POST

Description:

Regenerate yum cache for the specified channel.

Parameters:

- string sessionKey
- string channelLabel - the label of the channel
- boolean force - force cache regeneration

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 203. Method: removeErrata

HTTP POST

Description:

Removes a given list of errata from the given channel.

Parameters:

- string sessionKey
- string channelLabel - target channel
- string array errataNames - name of an erratum to remove
- boolean removePackages - true to remove packages from the channel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 204. Method: removePackages

HTTP POST

Description:

Removes a given list of packages from the given channel.

Parameters:

- string sessionKey
- string channelLabel - target channel
- int array packageIds - ID of a package to remove from the channel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 205. Method: removeRepo

HTTP POST

Description:

Removes a repository

Parameters:

- string sessionKey
- long id - ID of repo to be removed

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 206. Method: removeRepo

HTTP POST

Description:

Removes a repository

Parameters:

- string sessionKey
- string label - label of repo to be removed

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 207. Method: removeRepoFilter

HTTP POST

Description:

Removes a filter for a given repo.

Parameters:

- string sessionKey
- string label - repository label
- struct filterProps
 - string "filter" - string to filter on
 - string "flag" - + for include, - for exclude

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 208. Method: setContactDetails

HTTP POST

Description:

Set contact/support information for given channel.

Parameters:

- string sessionKey
- string channelLabel - label of the channel
- string maintainerName - name of the channel maintainer
- string maintainerEmail - email of the channel maintainer
- string maintainerPhone - phone number of the channel maintainer
- string supportPolicy - channel support policy

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 209. Method: setDetails

HTTP POST

Description:

Allows to modify channel attributes

Parameters:

- string sessionKey
- string channelLabel - channel label
- struct details
 - string "checksum_label" - new channel repository checksum label (optional)
 - string "name" - new channel name (optional)
 - string "summary" - new channel summary (optional)
 - string "description" - new channel description (optional)
 - string "maintainer_name" - new channel maintainer name (optional)
 - string "maintainer_email" - new channel email address (optional)
 - string "maintainer_phone" - new channel phone number (optional)
 - string "gpg_key_url" - new channel gpg key url (optional)
 - string "gpg_key_id" - new channel gpg key id (optional)
 - string "gpg_key_fp" - new channel gpg key fingerprint (optional)
 - string "gpg_check" - enable/disable gpg check (optional)

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 210. Method: setDetails

HTTP POST

Description:

Allows to modify channel attributes

Parameters:

- string sessionKey
- int channelId - channel id
- struct details
 - string "checksum_label" - new channel repository checksum label (optional)
 - string "name" - new channel name (optional)
 - string "summary" - new channel summary (optional)
 - string "description" - new channel description (optional)
 - string "maintainer_name" - new channel maintainer name (optional)
 - string "maintainer_email" - new channel email address (optional)
 - string "maintainer_phone" - new channel phone number (optional)
 - string "gpg_key_url" - new channel gpg key url (optional)
 - string "gpg_key_id" - new channel gpg key id (optional)
 - string "gpg_key_fp" - new channel gpg key fingerprint (optional)
 - string "gpg_check" - enable/disable gpg check (optional)

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 211. Method: setGloballySubscribable

HTTP POST

Description:

Set globally subscribable attribute for given channel.

Parameters:

- string sessionKey
- string channelLabel - label of the channel
- boolean value - true if the channel is to be globally subscribable. False otherwise.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 212. Method: setRepoFilters

HTTP POST

Description:

Replaces the existing set of filters for a given repo. Filters are ranked by their order in the array.

Parameters:

- string sessionKey
- string label - repository label
- array filterProps
 - struct filter properties
 - string "filter" - string to filter on
 - string "flag" - + for include, - for exclude

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 213. Method: setUserManageable

HTTP POST

Description:

Set the manageable flag for a given channel and user. If value is set to 'true', this method will give the user manage permissions to the channel. Otherwise, that privilege is revoked.

Parameters:

- string sessionKey
- string channelLabel - label of the channel
- string login - login of the target user
- boolean value - value of the flag to set

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 214. Method: setUserSubscribable

HTTP POST

Description:

Set the subscribable flag for a given channel and user. If value is set to 'true', this method will give the user subscribe permissions to the channel. Otherwise, that privilege is revoked.

Parameters:

- string sessionKey
- string channelLabel - label of the channel
- string login - login of the target user
- boolean value - value of the flag to set

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 215. Method: syncErrata

HTTP POST

Description:

If you have synced a new channel then patches will have been updated with the packages that are in the newly synced channel. A cloned erratum will not have been automatically updated however. If you cloned a channel that includes those cloned errata and should include the new packages, they will not be included when they should. This method updates all the errata in the given cloned channel with packages that have recently been added, and ensures that all the packages you expect are in the channel. It also updates cloned errata attributes like advisoryStatus.

Parameters:

- string sessionKey
- string channelLabel - channel to update

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 216. Method: syncRepo

HTTP POST

Description:

Trigger immediate repo synchronization

Parameters:

- string sessionKey
- string array channelLabels

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 217. Method: syncRepo

HTTP POST

Description:

Trigger immediate repo synchronization

Parameters:

- string sessionKey
- string channelLabel - channel label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 218. Method: syncRepo

HTTP POST

Description:

Trigger immediate repo synchronization

Parameters:

- string sessionKey
- string channelLabel - channel label
- struct params
 - boolean "sync-kickstart" - create kickstartable tree - Optional
 - boolean "no-errata" - do not sync errata - Optional
 - boolean "fail" - terminate upon any error - Optional
 - boolean "latest" - only download latest packages - Optional

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 219. Method: syncRepo

HTTP POST

Description:

Schedule periodic repo synchronization

Parameters:

- string sessionKey
- string channelLabel - channel label
- string cronExpr - cron expression, if empty all periodic schedules will be disabled

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 220. Method: syncRepo

HTTP POST

Description:

Schedule periodic repo synchronization

Parameters:

- string sessionKey
- string channelLabel - channel label
- string cronExpr - cron expression, if empty all periodic schedules will be disabled
- struct params
 - boolean "sync-kickstart" - create kickstartable tree - Optional
 - boolean "no-errata" - do not sync errata - Optional
 - boolean "fail" - terminate upon any error - Optional
 - boolean "latest" - only download latest packages - Optional

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 221. Method: updateRepo

HTTP POST

Description:

Updates a ContentSource (repo)

Parameters:

- string sessionKey
- int id - repository ID
- string label - new repository label
- string url - new repository URL

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 222. Method: updateRepoLabel

HTTP POST

Description:

Updates repository label

Parameters:

- string sessionKey
- int id - repository ID
- string label - new repository label

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 223. Method: updateRepoLabel

HTTP POST

Description:

Updates repository label

Parameters:

- string sessionKey
- string label - repository label
- string newLabel - new repository label

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 224. Method: updateRepoSsl

HTTP POST

Description:

Updates repository SSL certificates

Parameters:

- string sessionKey
- int id - repository ID
- string sslCaCert - SSL CA cert description
- string sslCliCert - SSL Client cert description
- string sslCliKey - SSL Client key description

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 225. Method: updateRepoSsl

HTTP POST

Description:

Updates repository SSL certificates

Parameters:

- string sessionKey
- string label - repository label
- string sslCaCert - SSL CA cert description
- string sslCliCert - SSL Client cert description
- string sslCliKey - SSL Client key description

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 226. Method: updateRepoUrl

HTTP POST

Description:

Updates repository source URL

Parameters:

- string sessionKey
- int id - repository ID
- string url - new repository URL

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 227. Method: updateRepoUrl

HTTP POST

Description:

Updates repository source URL

Parameters:

- string sessionKey
- string label - repository label
- string url - new repository URL

Returns:

- * struct channel
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"
 - boolean "hasSignedMetadata"
 - array "sslContentSources"
- struct content source SSL
 - string "sslCaDesc"
 - string "sslCertDesc"
 - string "sslKeyDesc"

Chapter 228. Available methods

- `channelExists`
- `create`
- `create`
- `create`
- `createOrUpdatePath`
- `createOrUpdateSymlink`
- `deleteChannels`
- `deleteFileRevisions`
- `deleteFiles`
- `deployAllSystems`
- `deployAllSystems`
- `deployAllSystems`
- `deployAllSystems`
- `getDetails`
- `getDetails`
- `getEncodedFileRevision`
- `getFileRevision`
- `getFileRevisions`
- `listAssignedSystemGroups`
- `listFiles`
- `listGlobals`
- `listSubscribedSystems`
- `lookupChannelInfo`
- `lookupFileInfo`
- `lookupFileInfo`
- `scheduleFileComparisons`
- `syncSaltFilesOnDisk`

-
- `update`
 - `updateInitSls`

Chapter 229. Description

Provides methods to access and modify many aspects of configuration channels.

Namespace:

configchannel

Chapter 230. Method: channelExists

HTTP POST

Description:

Check for the existence of the config channel provided.

Parameters:

- string sessionKey
- string label - channel to check for

Returns:

- int existence - 1 if exists, 0 otherwise

Chapter 231. Method: create

HTTP POST

Description:

Create a new global config channel. Caller must be at least a config admin or an organization admin.

Parameters:

- string sessionKey
- string label
- string name
- string description

Returns:

- * struct configuration channel information
 - int "id"
 - int "orgId"
 - string "label"
 - string "name"
 - string "description"
 - struct "configChannelType"
- struct configuration channel type information
 - int "id"
 - string "label"
 - string "name"
 - int "priority"

Chapter 232. Method: create

HTTP POST

Description:

Create a new global config channel. Caller must be at least a config admin or an organization admin.

Parameters:

- string sessionKey
- string label
- string name
- string description
- string type - the channel type either 'normal' or 'state'

Returns:

- * struct configuration channel information
 - int "id"
 - int "orgId"
 - string "label"
 - string "name"
 - string "description"
 - struct "configChannelType"
- struct configuration channel type information
 - int "id"
 - string "label"
 - string "name"
 - int "priority"

Chapter 233. Method: create

HTTP POST

Description:

Create a new global config channel. Caller must be at least a config admin or an organization admin.

Parameters:

- string `sessionKey`
- string `label`
- string `name`
- string `description`
- string `type` - the channel type either 'normal' or 'state'
- struct `pathInfo` - the path info
 - string `"contents"` - contents of the `init.sls` file
 - boolean `"contents_enc64"` - identifies base64 encoded content(default: disabled)

Returns:

- * struct configuration channel information
 - int `"id"`
 - int `"orgId"`
 - string `"label"`
 - string `"name"`
 - string `"description"`
 - struct `"configChannelType"`
- struct configuration channel type information
 - int `"id"`
 - string `"label"`
 - string `"name"`
 - int `"priority"`

Chapter 234. Method: createOrUpdatePath

HTTP POST

Description:

Create a new file or directory with the given path, or update an existing path.

Parameters:

- string sessionKey
- string label - the channel label
- string path
- boolean isDir - true if the path is a directory, False if it is a file
- struct pathInfo
 - string "contents" - contents of the file (text or base64 encoded if binary or want to preserve control characters like LF, CR etc.)(only for non-directories)
 - boolean "contents_enc64" - identifies base64 encoded content (default: disabled, only for non-directories)
 - string "owner" - owner of the file/directory
 - string "group" - group name of the file/directory
 - string "permissions" - octal file/directory permissions (eg: 644)
 - string "selinux_ctx" - SELinux Security context (optional)
 - string "macro-start-delimiter" - config file macro start delimiter. Use null or empty string to accept the default. (only for non-directories)
 - string "macro-end-delimiter" - config file macro end delimiter. Use null or empty string to accept the default. (only for non-directories)
 - int "revision" - next revision number, auto increment for null
 - boolean "binary" - mark the binary content, if True, base64 encoded content is expected (only for non-directories)

Returns:

- * struct configuration revision information
 - string "type"
 - file

-
- directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the contents_enc64 attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision
 - dateTime.iso8601 "creation" - Creation Date
 - dateTime.iso8601 "modified" - Last Modified Date
 - string "owner" - File Owner. Present for files or directories only.
 - string "group" - File Group. Present for files or directories only.
 - int "permissions" - File Permissions (Deprecated). Present for files or directories only.
 - string "permissions_mode" - File Permissions. Present for files or directories only.
 - string "selinux_ctx" - SELinux Context (optional).
 - boolean "binary" - true/false , Present for files only.
 - string "sha256" - File's sha256 signature. Present for files only.
 - string "macro-start-delimiter" - Macro start delimiter for a config file. Present for text files only.
 - string "macro-end-delimiter" - Macro end delimiter for a config file. Present for text files only.

Available since API version: 10.2

Chapter 235. Method: createOrUpdateSymlink

HTTP POST

Description:

Create a new symbolic link with the given path, or update an existing path in config channel of 'normal' type.

Parameters:

- string sessionKey
- string label
- string path
- struct pathInfo
 - string "target_path" - the target path for the symbolic link
 - string "selinux_ctx" - SELinux Security context (optional)
 - int "revision" - next revision number, skip this field for automatic revision number assignment

Returns:

- * struct configuration revision information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the contents_enc64 attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision
 - dateTime.iso8601 "creation" - Creation Date
 - dateTime.iso8601 "modified" - Last Modified Date
 - string "owner" - File Owner. Present for files or directories only.

-
- string "group" - File Group. Present for files or directories only.
 - int "permissions" - File Permissions (Deprecated). Present for files or directories only.
 - string "permissions_mode" - File Permissions. Present for files or directories only.
 - string "selinux_ctx" - SELinux Context (optional).
 - boolean "binary" - true/false , Present for files only.
 - string "sha256" - File's sha256 signature. Present for files only.
 - string "macro-start-delimiter" - Macro start delimiter for a config file. Present for text files only.
 - string "macro-end-delimiter" - Macro end delimiter for a config file. Present for text files only.

Available since API version: 10.2

Chapter 236. Method: deleteChannels

HTTP POST

Description:

Delete a list of global config channels. Caller must be a config admin.

Parameters:

- string sessionKey
- string array labels - configuration channel labels to delete

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 237. Method: deleteFileRevisions

HTTP POST

Description:

Delete specified revisions of a given configuration file

Parameters:

- string sessionKey
- string label - label of config channel to lookup on
- string filePath - configuration file path
- int array revisions - list of revisions to delete

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 238. Method: deleteFiles

HTTP POST

Description:

Remove file paths from a global channel.

Parameters:

- string sessionKey
- string label - channel to remove the files from
- string array paths

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 239. Method: deployAllSystems

HTTP POST

Description:

Schedule an immediate configuration deployment for all systems subscribed to a particular configuration channel.

Parameters:

- string sessionKey
- string label - the configuration channel's label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 240. Method: deployAllSystems

HTTP POST

Description:

Schedule a configuration deployment for all systems subscribed to a particular configuration channel.

Parameters:

- string sessionKey
- string label - the configuration channel's label
- dateTime.iso8601 date - the date to schedule the action

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 241. Method: deployAllSystems

HTTP POST

Description:

Schedule a configuration deployment of a certain file for all systems subscribed to a particular configuration channel.

Parameters:

- string sessionKey
- string label - the configuration channel's label
- string filePath - the configuration file path

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 242. Method: deployAllSystems

HTTP POST

Description:

Schedule a configuration deployment of a certain file for all systems subscribed to a particular configuration channel.

Parameters:

- string sessionKey
- string label - the configuration channel's label
- string filePath - the configuration file path
- dateTime.iso8601 date - the date to schedule the action

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 243. Method: getDetails

HTTP GET

Description:

Lookup config channel details.

Parameters:

- string sessionKey
- string label

Returns:

- * struct configuration channel information
 - int "id"
 - int "orgId"
 - string "label"
 - string "name"
 - string "description"
 - struct "configChannelType"
- struct configuration channel type information
 - int "id"
 - string "label"
 - string "name"
 - int "priority"

Chapter 244. Method: getDetails

HTTP GET

Description:

Lookup config channel details.

Parameters:

- string sessionKey
- int id - the channel ID

Returns:

- * struct configuration channel information
 - int "id"
 - int "orgId"
 - string "label"
 - string "name"
 - string "description"
 - struct "configChannelType"
- struct configuration channel type information
 - int "id"
 - string "label"
 - string "name"
 - int "priority"

Chapter 245. Method: getEncodedFileRevision

HTTP GET

Description:

Get revision of the specified configuration file and transmit the contents as base64 encoded.

Parameters:

- string sessionKey
- string label - label of config channel to lookup on
- string filePath - config file path to examine
- int revision - config file revision to examine

Returns:

- * struct configuration revision information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the contents_enc64 attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision
 - dateTime.iso8601 "creation" - Creation Date
 - dateTime.iso8601 "modified" - Last Modified Date
 - string "owner" - File Owner. Present for files or directories only.
 - string "group" - File Group. Present for files or directories only.
 - int "permissions" - File Permissions (Deprecated). Present for files or directories only.
 - string "permissions_mode" - File Permissions. Present for files or directories only.

-
- string "selinux_ctx" - SELinux Context (optional).
 - boolean "binary" - true/false , Present for files only.
 - string "sha256" - File's sha256 signature. Present for files only.
 - string "macro-start-delimiter" - Macro start delimiter for a config file. Present for text files only.
 - string "macro-end-delimiter" - Macro end delimiter for a config file. Present for text files only.

Chapter 246. Method: getFileRevision

HTTP GET

Description:

Get revision of the specified config file

Parameters:

- string sessionKey
- string label - label of config channel to lookup on
- string filePath - config file path to examine
- int revision - config file revision to examine

Returns:

- * struct configuration revision information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the contents_enc64 attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision
 - dateTime.iso8601 "creation" - Creation Date
 - dateTime.iso8601 "modified" - Last Modified Date
 - string "owner" - File Owner. Present for files or directories only.
 - string "group" - File Group. Present for files or directories only.
 - int "permissions" - File Permissions (Deprecated). Present for files or directories only.
 - string "permissions_mode" - File Permissions. Present for files or directories only.

-
- string "selinux_ctx" - SELinux Context (optional).
 - boolean "binary" - true/false , Present for files only.
 - string "sha256" - File's sha256 signature. Present for files only.
 - string "macro-start-delimiter" - Macro start delimiter for a config file. Present for text files only.
 - string "macro-end-delimiter" - Macro end delimiter for a config file. Present for text files only.

Chapter 247. Method: getFileRevisions

HTTP GET

Description:

Get list of revisions for specified config file

Parameters:

- string `sessionKey`
- string `label` - label of config channel to lookup on
- string `filePath` - config file path to examine

Returns:

- array :
- struct configuration revision information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the `contents_enc64` attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision
 - dateTime.iso8601 "creation" - Creation Date
 - dateTime.iso8601 "modified" - Last Modified Date
 - string "owner" - File Owner. Present for files or directories only.
 - string "group" - File Group. Present for files or directories only.
 - int "permissions" - File Permissions (Deprecated). Present for files or directories only.
 - string "permissions_mode" - File Permissions. Present for files or directories only.

-
- string "selinux_ctx" - SELinux Context (optional).
 - boolean "binary" - true/false , Present for files only.
 - string "sha256" - File's sha256 signature. Present for files only.
 - string "macro-start-delimiter" - Macro start delimiter for a config file. Present for text files only.
 - string "macro-end-delimiter" - Macro end delimiter for a config file. Present for text files only.

Chapter 248. Method: listAssignedSystemGroups

HTTP GET

Description:

Return a list of Groups where a given configuration channel is assigned to

Parameters:

- string sessionKey
- string label - label of the config channel to list assigned groups

Returns:

- array :
- struct server group
 - int "id"
 - string "name"
 - string "description"
 - int "org_id"
 - int "system_count"

Chapter 249. Method: listFiles

HTTP GET

Description:

Return a list of files in a channel.

Parameters:

- string sessionKey
- string label - label of config channel to list files on

Returns:

- array :
- struct configuration file information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - dateTime.iso8601 "last_modified" - Last Modified Date

Chapter 250. Method: listGlobals

HTTP GET

Description:

List all the global config channels accessible to the logged-in user.

Parameters:

- string sessionKey

Returns:

- array :
- struct configuration channel information
 - int "id"
 - int "orgId"
 - string "label"
 - string "name"
 - string "description"
 - string "type"
 - struct "configChannelType"
- struct configuration channel type information
 - int "id"
 - string "label"
 - string "name"
 - int "priority"

Chapter 251. Method: listSubscribedSystems

HTTP GET

Description:

Return a list of systems subscribed to a configuration channel

Parameters:

- string sessionKey
- string label - label of the config channel to list subscribed systems

Returns:

- array :
- struct system
 - int "id"
 - string "name"

Chapter 252. Method: lookupChannelInfo

HTTP GET

Description:

Lists details on a list of channels given their channel labels.

Parameters:

- string sessionKey
- string array labels - the channel labels

Returns:

- array :
- struct configuration channel information
 - int "id"
 - int "orgId"
 - string "label"
 - string "name"
 - string "description"
 - struct "configChannelType"
- struct configuration channel type information
 - int "id"
 - string "label"
 - string "name"
 - int "priority"

Chapter 253. Method: lookupFileInfo

HTTP GET

Description:

Given a list of paths and a channel, returns details about the latest revisions of the paths.

Parameters:

- string `sessionKey`
- string `label` - label of config channel to lookup on
- string array `paths` - list of paths to examine

Returns:

- array :
- struct configuration revision information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the `contents_enc64` attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision
 - dateTime.iso8601 "creation" - Creation Date
 - dateTime.iso8601 "modified" - Last Modified Date
 - string "owner" - File Owner. Present for files or directories only.
 - string "group" - File Group. Present for files or directories only.
 - int "permissions" - File Permissions (Deprecated). Present for files or directories only.
 - string "permissions_mode" - File Permissions. Present for files or directories only.

-
- string "selinux_ctx" - SELinux Context (optional).
 - boolean "binary" - true/false , Present for files only.
 - string "sha256" - File's sha256 signature. Present for files only.
 - string "macro-start-delimiter" - Macro start delimiter for a config file. Present for text files only.
 - string "macro-end-delimiter" - Macro end delimiter for a config file. Present for text files only.

Available since API version: 10.2

Chapter 254. Method: lookupFileInfo

HTTP GET

Description:

Given a path, revision number, and a channel, returns details about the latest revisions of the paths.

Parameters:

- string `sessionKey`
- string `label` - label of config channel to lookup on
- string `path` - path of file/directory
- int `revision` - the revision number

Returns:

- * struct configuration revision information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the `contents_enc64` attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision
 - dateTime.iso8601 "creation" - Creation Date
 - dateTime.iso8601 "modified" - Last Modified Date
 - string "owner" - File Owner. Present for files or directories only.
 - string "group" - File Group. Present for files or directories only.
 - int "permissions" - File Permissions (Deprecated). Present for files or directories only.
 - string "permissions_mode" - File Permissions. Present for files or directories only.

-
- string "selinux_ctx" - SELinux Context (optional).
 - boolean "binary" - true/false , Present for files only.
 - string "sha256" - File's sha256 signature. Present for files only.
 - string "macro-start-delimiter" - Macro start delimiter for a config file. Present for text files only.
 - string "macro-end-delimiter" - Macro end delimiter for a config file. Present for text files only.

Available since API version: 10.12

Chapter 255. Method: scheduleFileComparisons

HTTP POST

Description:

Schedule a comparison of the latest revision of a file against the version deployed on a list of systems.

Parameters:

- string sessionKey
- string label - label of config channel
- string path - file path
- long array sids

Returns:

- int actionId - the action ID of the scheduled action

Chapter 256. Method: syncSaltFilesOnDisk

HTTP POST

Description:

Synchronize all files on the disk to the current state of the database.

Parameters:

- string sessionKey
- string array labels - configuration channel labels to synchronize files from

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 257. Method: update

HTTP POST

Description:

Update a global config channel. Caller must be at least a config admin or an organization admin, or have access to a system containing this config channel.

Parameters:

- string sessionKey
- string label
- string name
- string description

Returns:

- * struct configuration channel information
 - int "id"
 - int "orgId"
 - string "label"
 - string "name"
 - string "description"
 - struct "configChannelType"
- struct configuration channel type information
 - int "id"
 - string "label"
 - string "name"
 - int "priority"

Chapter 258. Method: updateInitSls

HTTP POST

Description:

Update the init.sls file for the given state channel. User can only update contents, nothing else.

Parameters:

- string sessionKey
- string label - the channel label
- struct pathInfo
 - string "contents" - contents of the init.sls file
 - boolean "contents_enc64" - identifies base64 encoded content(default: disabled)
 - int "revision" - next revision number, auto increment for null

Returns:

- * struct configuration revision information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the contents_enc64 attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision
 - dateTime.iso8601 "creation" - Creation Date
 - dateTime.iso8601 "modified" - Last Modified Date
 - string "owner" - File Owner. Present for files or directories only.
 - string "group" - File Group. Present for files or directories only.

-
- int "permissions" - File Permissions (Deprecated). Present for files or directories only.
 - string "permissions_mode" - File Permissions. Present for files or directories only.
 - string "selinux_ctx" - SELinux Context (optional).
 - boolean "binary" - true/false , Present for files only.
 - string "sha256" - File's sha256 signature. Present for files only.
 - string "macro-start-delimiter" - Macro start delimiter for a config file. Present for text files only.
 - string "macro-end-delimiter" - Macro end delimiter for a config file. Present for text files only.

Chapter 259. Available methods

- `attachFilter`
- `attachSource`
- `attachSource`
- `buildProject`
- `buildProject`
- `createAppStreamFilters`
- `createEnvironment`
- `createFilter`
- `createProject`
- `detachFilter`
- `detachSource`
- `listFilterCriteria`
- `listFilters`
- `listProjectEnvironments`
- `listProjectFilters`
- `listProjectSources`
- `listProjects`
- `lookupEnvironment`
- `lookupFilter`
- `lookupProject`
- `lookupSource`
- `promoteProject`
- `removeEnvironment`
- `removeFilter`
- `removeProject`
- `updateEnvironment`
- `updateFilter`

-
- `updateProject`

Chapter 260. Description

Provides methods to access and modify Content Lifecycle Management related entities (Projects, Environments, Filters, Sources).

Namespace:

contentmanagement

Chapter 261. Method: attachFilter

HTTP POST

Description:

Attach a Filter to a Project

Parameters:

- string sessionKey
- string projectLabel - Project label
- int filterId - filter ID to attach

Returns:

- * struct content filter information
 - int "id"
 - string "name"
 - int "orgId"
 - entityType "entity type (e.g. 'package')"
 - rule "rule (e.g. 'deny')"
 - struct criteria
 - string "matcher" - the matcher type of the filter (e.g. 'contains')
 - string "field" - the entity field to match (e.g. 'name')
 - string "value" - the field value to match (e.g. 'kernel')

Chapter 262. Method: attachSource

HTTP POST

Description:

Attach a Source to a Project

Parameters:

- string sessionKey
- string projectLabel - Content Project label
- string sourceType - Project Source type, e.g. 'software'
- string sourceLabel - Project Source label
- int sourcePosition - Project Source position

Returns:

- * struct content project source information
 - string "contentProjectLabel"
 - string "type"
 - string "state"
 - string "channelLabel" - (if type is SW_CHANNEL) the label of channel associated with the source

Chapter 263. Method: attachSource

HTTP POST

Description:

Attach a Source to a Project

Parameters:

- string sessionKey
- string projectLabel - Content Project label
- string sourceType - Project Source type, e.g. 'software'
- string sourceLabel - Project Source label

Returns:

- * struct content project source information
 - string "contentProjectLabel"
 - string "type"
 - string "state"
 - string "channelLabel" - (if type is SW_CHANNEL) the label of channel associated with the source

Chapter 264. Method: buildProject

HTTP POST

Description:

Build a Project

Parameters:

- string sessionKey
- string projectLabel - Project label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 265. Method: buildProject

HTTP POST

Description:

Build a Project

Parameters:

- string sessionKey
- string projectLabel - Project label
- string message - log message to be assigned to the build

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 266. Method: createAppStreamFilters

HTTP POST

Description:

Create Filters for AppStream Modular Channel and attach them to CLM Project

Parameters:

- string `sessionKey`
- string `prefix` - Filter name prefix
- string `channelLabel` - Modular Channel label
- string `projectLabel` - Project label

Returns:

- array :
- struct content filter information
 - int "id"
 - string "name"
 - int "orgId"
 - entityType "entity type (e.g. 'package')"
 - rule "rule (e.g. 'deny')"
 - struct criteria
 - string "matcher" - the matcher type of the filter (e.g. 'contains')
 - string "field" - the entity field to match (e.g. 'name')
 - string "value" - the field value to match (e.g. 'kernel')

Chapter 267. Method: createEnvironment

HTTP POST

Description:

Create a Content Environment and appends it behind given Content Environment

Parameters:

- string sessionKey
- string projectLabel - Content Project label
- string predecessorLabel - Predecessor Environment label
- string envLabel - new Content Environment label
- string name - new Content Environment name
- string description - new Content Environment description

Returns:

- * struct content environment information
 - int "id"
 - string "label"
 - string "name"
 - string "description"
 - int "version"
 - string "status"
 - dateTime.iso8601 "lastBuildDate" - last build/promote date
 - string "contentProjectLabel"
 - string "previousEnvironmentLabel"
 - string "nextEnvironmentLabel"

Chapter 268. Method: createFilter

HTTP POST

Description:

Create a Content Filter

Parameters:

- string sessionKey
- string name - Filter name
- string rule - Filter rule ('deny' or 'allow')
- string entityType - Filter entityType ('package' or 'erratum')
- struct criteria
 - string "matcher" - The matcher type of the filter (e.g. 'contains')
 - string "field" - The entity field to match (e.g. 'name')
 - string "value" - The field value to match (e.g. 'kernel')

Returns:

- * struct content filter information
 - int "id"
 - string "name"
 - int "orgId"
 - entityType "entity type (e.g. 'package')"
 - rule "rule (e.g. 'deny')"
 - struct criteria
 - string "matcher" - the matcher type of the filter (e.g. 'contains')
 - string "field" - the entity field to match (e.g. 'name')
 - string "value" - the field value to match (e.g. 'kernel')

Chapter 269. Method: createProject

HTTP POST

Description:

Create Content Project

Parameters:

- string sessionKey
- string projectLabel - Content Project label
- string name - Content Project name
- string description - Content Project description

Returns:

- * struct content project information
 - int "id"
 - string "label"
 - string "name"
 - string "description"
 - dateTime.iso8601 "lastBuildDate"
 - int "orgId"
 - string "firstEnvironment"

Chapter 270. Method: detachFilter

HTTP POST

Description:

Detach a Filter from a Project

Parameters:

- string sessionKey
- string projectLabel - Project label
- int filterId - filter ID to detach

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 271. Method: detachSource

HTTP POST

Description:

Detach a Source from a Project

Parameters:

- string sessionKey
- string projectLabel - Content Project label
- string sourceType - Project Source type, e.g. 'software'
- string sourceLabel - Project Source label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 272. Method: listFilterCriteria

HTTP GET

Description:

List of available filter criteria

Parameters:

- string sessionKey

Returns:

- array :
 - struct Filter Criteria
 - string "type"
 - string "matcher"
 - string "field"

Chapter 273. Method: listFilters

HTTP GET

Description:

List all Content Filters visible to given user

Parameters:

- string sessionId

Returns:

- array :
- struct content filter information
 - int "id"
 - string "name"
 - int "orgId"
 - entityType "entity type (e.g. 'package')"
 - rule "rule (e.g. 'deny')"
 - struct criteria
 - string "matcher" - the matcher type of the filter (e.g. 'contains')
 - string "field" - the entity field to match (e.g. 'name')
 - string "value" - the field value to match (e.g. 'kernel')

Chapter 274. Method: listProjectEnvironments

HTTP GET

Description:

List Environments in a Content Project with the respect to their ordering

Parameters:

- string sessionKey
- string projectLabel - Content Project label

Returns:

- array :
- struct content environment information
 - int "id"
 - string "label"
 - string "name"
 - string "description"
 - int "version"
 - string "status"
 - dateTime.iso8601 "lastBuildDate" - last build/promote date
 - string "contentProjectLabel"
 - string "previousEnvironmentLabel"
 - string "nextEnvironmentLabel"

Chapter 275. Method: listProjectFilters

HTTP GET

Description:

List all Filters associated with a Project

Parameters:

- string sessionKey
- string projectLabel - Project label

Returns:

- array :
- struct assigned content filter information
 - string "state"
- struct content filter information
 - int "id"
 - string "name"
 - int "orgId"
 - entityType "entity type (e.g. 'package')"
 - rule "rule (e.g. 'deny')"
 - struct criteria
 - string "matcher" - the matcher type of the filter (e.g. 'contains')
 - string "field" - the entity field to match (e.g. 'name')
 - string "value" - the field value to match (e.g. 'kernel')

Chapter 276. Method: listProjectSources

HTTP GET

Description:

List Content Project Sources

Parameters:

- string sessionKey
- string projectLabel - Content Project label

Returns:

- array :
- struct content project source information
 - string "contentProjectLabel"
 - string "type"
 - string "state"
 - string "channelLabel" - (if type is SW_CHANNEL) the label of channel associated with the source

Chapter 277. Method: listProjects

HTTP GET

Description:

List Content Projects visible to user

Parameters:

- string sessionKey

Returns:

- array :
- struct content project information
 - int "id"
 - string "label"
 - string "name"
 - string "description"
 - dateTime.iso8601 "lastBuildDate"
 - int "orgId"
 - string "firstEnvironment"

Chapter 278. Method: lookupEnvironment

HTTP GET

Description:

Look up Content Environment based on Content Project and Content Environment label

Parameters:

- string sessionKey
- string projectLabel - Content Project label
- string envLabel - Content Environment label

Returns:

- * struct content environment information
 - int "id"
 - string "label"
 - string "name"
 - string "description"
 - int "version"
 - string "status"
 - dateTime.iso8601 "lastBuildDate" - last build/promote date
 - string "contentProjectLabel"
 - string "previousEnvironmentLabel"
 - string "nextEnvironmentLabel"

Chapter 279. Method: lookupFilter

HTTP GET

Description:

Lookup a Content Filter by ID

Parameters:

- string sessionKey
- int filterId - Filter ID

Returns:

- * struct content filter information
 - int "id"
 - string "name"
 - int "orgId"
 - entityType "entity type (e.g. 'package')"
 - rule "rule (e.g. 'deny')"
 - struct criteria
 - string "matcher" - the matcher type of the filter (e.g. 'contains')
 - string "field" - the entity field to match (e.g. 'name')
 - string "value" - the field value to match (e.g. 'kernel')

Chapter 280. Method: lookupProject

HTTP GET

Description:

Look up Content Project with given label

Parameters:

- string sessionKey
- string projectLabel - Content Project label

Returns:

- * struct content project information
 - int "id"
 - string "label"
 - string "name"
 - string "description"
 - dateTime.iso8601 "lastBuildDate"
 - int "orgId"
 - string "firstEnvironment"

Chapter 281. Method: lookupSource

HTTP GET

Description:

Look up Content Project Source

Parameters:

- string sessionKey
- string projectLabel - Content Project label
- string sourceType - Project Source type, e.g. 'software'
- string sourceLabel - Project Source label

Returns:

- * struct content project source information
 - string "contentProjectLabel"
 - string "type"
 - string "state"
 - string "channelLabel" - (if type is SW_CHANNEL) the label of channel associated with the source

Chapter 282. Method: promoteProject

HTTP POST

Description:

Promote an Environment in a Project

Parameters:

- string sessionKey
- string projectLabel - Project label
- string envLabel - Environment label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 283. Method: removeEnvironment

HTTP POST

Description:

Remove a Content Environment

Parameters:

- string sessionKey
- string projectLabel - Content Project label
- string envLabel - Content Environment label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 284. Method: removeFilter

HTTP POST

Description:

Remove a Content Filter

Parameters:

- string sessionKey
- int filterId - Filter ID

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 285. Method: removeProject

HTTP POST

Description:

Remove Content Project

Parameters:

- string sessionKey
- string projectLabel - Content Project label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 286. Method: updateEnvironment

HTTP POST

Description:

Update Content Environment with given label

Parameters:

- string sessionKey
- string projectLabel - Content Project label
- string envLabel - Content Environment label
- struct props
 - string "name" - Content Environment name
 - string "description" - Content Environment description

Returns:

- * struct content environment information
 - int "id"
 - string "label"
 - string "name"
 - string "description"
 - int "version"
 - string "status"
 - dateTime.iso8601 "lastBuildDate" - last build/promote date
 - string "contentProjectLabel"
 - string "previousEnvironmentLabel"
 - string "nextEnvironmentLabel"

Chapter 287. Method: updateFilter

HTTP POST

Description:

Update a Content Filter

Parameters:

- string sessionKey
- int filterId - Filter ID
- string name - New filter name
- string rule - New filter rule ('deny' or 'allow')
- struct criteria
 - string "matcher" - The matcher type of the filter (e.g. 'contains')
 - string "field" - The entity field to match (e.g. 'name')
 - string "value" - The field value to match (e.g. 'kernel')

Returns:

- * struct content filter information
 - int "id"
 - string "name"
 - int "orgId"
 - entityType "entity type (e.g. 'package')"
 - rule "rule (e.g. 'deny')"
 - struct criteria
 - string "matcher" - the matcher type of the filter (e.g. 'contains')
 - string "field" - the entity field to match (e.g. 'name')
 - string "value" - the field value to match (e.g. 'kernel')

Chapter 288. Method: updateProject

HTTP POST

Description:

Update Content Project with given label

Parameters:

- string sessionKey
- string projectLabel - Content Project label
- struct props
 - string "name" - Content Project name
 - string "description" - Content Project description

Returns:

- * struct content project information
 - int "id"
 - string "label"
 - string "name"
 - string "description"
 - dateTime.iso8601 "lastBuildDate"
 - int "orgId"
 - string "firstEnvironment"

distchannel

Chapter 289. Available methods

- `listDefaultMaps`
- `listMapsForOrg`
- `listMapsForOrg`
- `setMapForOrg`

Chapter 290. Description

Provides methods to access and modify distribution channel information

Namespace:

distchannel

Chapter 291. Method: listDefaultMaps

HTTP GET

Description:

Lists the default distribution channel maps

Parameters:

- string sessionKey

Returns:

- array :
- struct distribution channel map
 - string "os" - operating system
 - string "release" - OS Release
 - string "arch_name" - channel architecture
 - string "channel_label" - channel label
 - string "org_specific" - 'Y' organization specific, 'N' default

Chapter 292. Method: listMapsForOrg

HTTP GET

Description:

Lists distribution channel maps valid for the user's organization

Parameters:

- string sessionKey

Returns:

- array :
- struct distribution channel map
 - string "os" - operating system
 - string "release" - OS Release
 - string "arch_name" - channel architecture
 - string "channel_label" - channel label
 - string "org_specific" - 'Y' organization specific, 'N' default

Chapter 293. Method: listMapsForOrg

HTTP GET

Description:

Lists distribution channel maps valid for an organization, #product() admin rights needed.

Parameters:

- string sessionKey
- int orgId

Returns:

- array :
- struct distribution channel map
 - string "os" - operating system
 - string "release" - OS Release
 - string "arch_name" - channel architecture
 - string "channel_label" - channel label
 - string "org_specific" - 'Y' organization specific, 'N' default

Chapter 294. Method: setMapForOrg

HTTP POST

Description:

Sets, overrides (/removes if channelLabel empty) a distribution channel map within an organization

Parameters:

- string sessionKey
- string os
- string release
- string archName
- string channelLabel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 295. Available methods

- `addPackages`
- `applicableToChannels`
- `bugzillaFixes`
- `clone`
- `cloneAsOriginal`
- `cloneAsOriginalAsync`
- `cloneAsync`
- `create`
- `delete`
- `findByCve`
- `getDetails`
- `listAffectedSystems`
- `listCves`
- `listKeywords`
- `listPackages`
- `publish`
- `publishAsOriginal`
- `removePackages`
- `setDetails`

Chapter 296. Description

Provides methods to access and modify errata.

Namespace:

errata

Chapter 297. Method: addPackages

HTTP POST

Description:

Add a set of packages to an erratum with the given advisory name. This method will only allow for modification of custom errata created either through the UI or API.

Parameters:

- string sessionKey
- string advisoryName
- int array packageIds

Returns:

- int the number of packages added, exception otherwise

Chapter 298. Method: applicableToChannels

HTTP GET

Description:

Returns a list of channels applicable to the errata with the given advisory name. For those errata that are present in both vendor and user organizations under the same advisory name, this method retrieves the list of channels applicable of both of them.

Parameters:

- string `sessionKey`
- string `advisoryName`

Returns:

- array :
 - struct channel
 - int "channel_id"
 - string "label"
 - string "name"
 - string "parent_channel_label"

Chapter 299. Method: bugzillaFixes

HTTP POST

Description:

Get the Bugzilla fixes for an erratum matching the given advisoryName. The bugs will be returned in a struct where the bug id is the key. i.e. 208144="errata.bugzillaFixes Method Returns different results than docs say"
For those errata that are present in both vendor and user organizations under the same advisory name, this method retrieves the list of Bugzilla fixes of both of them.

Parameters:

- string sessionKey
- string advisoryName

Returns:

- struct Bugzilla info
 - string "bugzilla_id" - actual bug number is the key into the struct
 - string "bug_summary" - summary who's key is the bug id

Chapter 300. Method: clone

HTTP POST

Description:

Clone a list of errata into the specified channel.

Parameters:

- string sessionKey
- string channelLabel
- string array advisoryNames - the advisory names of the errata to clone

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "date" - the date erratum was created
 - string "advisory_type" - type of the advisory
 - string "advisory_status" - status of the advisory
 - string "advisory_name" - name of the advisory
 - string "advisory_synopsis" - summary of the erratum

Chapter 301. Method: cloneAsOriginal

HTTP POST

Description:

Clones a list of errata into a specified cloned channel according the original erratas.

Parameters:

- string sessionKey
- string channelLabel
- string array advisoryNames - the advisory names of the errata to clone

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "date" - the date erratum was created
 - string "advisory_type" - type of the advisory
 - string "advisory_status" - status of the advisory
 - string "advisory_name" - name of the advisory
 - string "advisory_synopsis" - summary of the erratum

Chapter 302. Method: cloneAsOriginalAsync

HTTP POST

Description:

Asynchronously clones a list of errata into a specified cloned channel according the original erratas

Parameters:

- string sessionKey
- string channelLabel
- string array advisoryNames - the advisory names of the errata to clone

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 303. Method: cloneAsync

HTTP POST

Description:

Asynchronously clone a list of errata into the specified channel.

Parameters:

- string sessionKey
- string channelLabel
- string array advisoryNames - the advisory names of the errata to clone

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 304. Method: create

HTTP POST

Description:

Create a custom errata

Parameters:

- string sessionKey
- struct errataInfo
 - string "synopsis"
 - string "advisory_name"
 - int "advisory_release"
 - string "advisory_type" - Type of advisory (one of the following: 'Security Advisory', 'Product Enhancement Advisory', or 'Bug Fix Advisory')
 - string "advisory_status" - Status of advisory (one of the following: 'final', 'testing', 'stable' or 'retracted')
 - string "product"
 - string "errataFrom"
 - string "topic"
 - string "description"
 - string "references"
 - string "notes"
 - string "solution"
 - string "severity" - Severity of advisory (one of the following: 'Low', 'Moderate', 'Important', 'Critical' or 'Unspecified')
- array bugs
 - struct bug
 - int "id" - Bug Id
 - string "summary"
 - string "url"
- string array keywords - list of keywords to associate with the errata
- int array packageIds

-
- string array `channelLabels` - list of channels the errata should be published to

Returns:

- * struct `errata`
 - int `"id"` - errata ID
 - string `"date"` - the date erratum was created
 - string `"advisory_type"` - type of the advisory
 - string `"advisory_status"` - status of the advisory
 - string `"advisory_name"` - name of the advisory
 - string `"advisory_synopsis"` - summary of the erratum

Chapter 305. Method: delete

HTTP POST

Description:

Delete an erratum. This method will only allow for deletion of custom errata created either through the UI or API.

Parameters:

- string sessionKey
- string advisoryName

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 306. Method: findByCve

HTTP GET

Description:

Lookup the details for errata associated with the given CVE (e.g. CVE-2008-3270)

Parameters:

- string sessionKey
- string cveName

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "date" - the date erratum was created
 - string "advisory_type" - type of the advisory
 - string "advisory_status" - status of the advisory
 - string "advisory_name" - name of the advisory
 - string "advisory_synopsis" - summary of the erratum

Chapter 307. Method: getDetails

HTTP GET

Description:

Retrieves the details for the erratum matching the given advisory name.

Parameters:

- string `sessionKey`
- string `advisoryName`

Returns:

- struct `erratum`
 - int `"id"`
 - string `"issue_date"`
 - string `"update_date"`
 - string `"last_modified_date"` - last time the erratum was modified.
 - int `"release"`
 - string `"advisory_status"`
 - string `"vendor_advisory"`
 - string `"product"`
 - string `"errataFrom"`
 - string `"solution"`
 - string `"description"`
 - string `"synopsis"`
 - string `"topic"`
 - string `"references"`
 - string `"notes"`
 - string `"type"`
 - string `"severity"`
 - boolean `"reboot_suggested"` - A boolean flag signaling whether a system reboot is advisable following the application of the errata. Typical example is upon kernel update.

-
- boolean "restart_suggested" - A boolean flag signaling a weather reboot of the package manager is advisable following the application of the errata. This is commonly used to address update stack issues before proceeding with other updates.

Chapter 308. Method: listAffectedSystems

HTTP GET

Description:

Return the list of systems affected by the errata with the given advisory name. For those errata that are present in both vendor and user organizations under the same advisory name, this method retrieves the affected systems by both of them.

Parameters:

- string sessionKey
- string advisoryName

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time
 - int "extra_pkg_count" - number of packages not belonging to any assigned channel
 - int "outdated_pkg_count" - number of out-of-date packages

Chapter 309. Method: listCves

HTTP GET

Description:

Returns a list of http://cve.mitre.org/_blankCVEs applicable to the errata with the given advisory name. For those errata that are present in both vendor and user organizations under the same advisory name, this method retrieves the list of CVEs of both of them.

Parameters:

- string sessionKey
- string advisoryName

Returns:

- string array CVE name

Chapter 310. Method: listKeywords

HTTP GET

Description:

Get the keywords associated with an erratum matching the given advisory name. For those errata that are present in both vendor and user organizations under the same advisory name, this method retrieves the keywords of both of them.

Parameters:

- string sessionKey
- string advisoryName

Returns:

- string array keyword associated with erratum.

Chapter 311. Method: listPackages

HTTP GET

Description:

Returns a list of the packages affected by the errata with the given advisory name. For those errata that are present in both vendor and user organizations under the same advisory name, this method retrieves the packages of both of them.

Parameters:

- string sessionKey
- string advisoryName

Returns:

- array :
 - struct package
 - int "id"
 - string "name"
 - string "epoch"
 - string "version"
 - string "release"
 - string "arch_label"
 - string array "providing_channels" - - Channel label providing this package.
 - string "build_host"
 - string "description"
 - string "checksum"
 - string "checksum_type"
 - string "vendor"
 - string "summary"
 - string "cookie"
 - string "license"
 - string "path"

-
- `string "file"`
 - `string "build_date"`
 - `string "last_modified_date"`
 - `string "size"`
 - `string "payload_size"`

Chapter 312. Method: publish

HTTP POST

Description:

Adds an existing errata to a set of channels.

Parameters:

- string sessionKey
- string advisoryName
- string array channelLabels - list of channel labels to add to

Returns:

- * struct errata
 - int "id" - errata ID
 - string "date" - the date erratum was created
 - string "advisory_type" - type of the advisory
 - string "advisory_status" - status of the advisory
 - string "advisory_name" - name of the advisory
 - string "advisory_synopsis" - summary of the erratum

Chapter 313. Method: publishAsOriginal

HTTP POST

Description:

Adds an existing cloned errata to a set of cloned channels according to its original erratum

Parameters:

- string sessionKey
- string advisoryName
- string array channelLabels - list of channel labels to add to

Returns:

- * struct errata
 - int "id" - errata ID
 - string "date" - the date erratum was created
 - string "advisory_type" - type of the advisory
 - string "advisory_status" - status of the advisory
 - string "advisory_name" - name of the advisory
 - string "advisory_synopsis" - summary of the erratum

Chapter 314. Method: removePackages

HTTP POST

Description:

Remove a set of packages from an erratum with the given advisory name. This method will only allow for modification of custom errata created either through the UI or API.

Parameters:

- string sessionKey
- string advisoryName
- int array packageIds

Returns:

- int the number of packages removed, exception otherwise

Chapter 315. Method: setDetails

HTTP POST

Description:

Set erratum details. All arguments are optional and will only be modified if included in the struct. This method will only allow for modification of custom errata created either through the UI or API.

Parameters:

- string sessionKey
- string advisoryName
- struct details
 - string "synopsis"
 - string "advisory_name"
 - int "advisory_release"
 - string "advisory_type" - Type of advisory (one of the following: 'Security Advisory', 'Product Enhancement Advisory', or 'Bug Fix Advisory')
 - string "product"
 - dateTime.iso8601 "issue_date"
 - dateTime.iso8601 "update_date"
 - string "errataFrom"
 - string "topic"
 - string "description"
 - string "references"
 - string "notes"
 - string "solution"
 - string "severity" - Severity of advisory (one of the following: 'Low', 'Moderate', 'Important', 'Critical' or 'Unspecified')
 - array "bugs" - 'bugs' is the key into the struct
 - struct bug
 - int "id" - Bug Id
 - string "summary"

■ string "url"

- string array "keywords" - list of keywords to associate with the errata
- string array "cves" - list of CVEs to associate with the errata

Returns:

- int - 1 on success, exception thrown otherwise.

formula

Chapter 316. Available methods

- `getCombinedFormulaDataByServerIds`
- `getCombinedFormulasByServerId`
- `getFormulasByGroupId`
- `getFormulasByServerId`
- `getGroupFormulaData`
- `getSystemFormulaData`
- `listFormulas`
- `setFormulasOfGroup`
- `setFormulasOfServer`
- `setGroupFormulaData`
- `setSystemFormulaData`

Chapter 317. Description

Provides methods to access and modify formulas.

Namespace:

formula

Chapter 318. Method: getCombinedFormulaDataByServerIds

HTTP GET

Description:

Return the list of formulas a server and all his groups have.

Parameters:

- string sessionKey
- string formulaName
- int array sids

Returns:

- array :
- struct formula data
 - int "system_id"
 - string "minion_id"
 - struct "formula_values" - saved formula values

Chapter 319. Method: getCombinedFormulasByServerId

HTTP GET

Description:

Return the list of formulas a server and all his groups have.

Parameters:

- string sessionKey
- int sid - the system ID

Returns:

- string array the list of formulas

Chapter 320. Method: getFormulasByGroupId

HTTP GET

Description:

Return the list of formulas a server group has.

Parameters:

- string sessionKey
- int systemGroupId

Returns:

- string array the list of formulas

Chapter 321. Method: getFormulasByServerId

HTTP GET

Description:

Return the list of formulas directly applied to a server.

Parameters:

- string sessionKey
- int sid - the system ID

Returns:

- string array the list of formulas

Chapter 322. Method: `getGroupFormulaData`

HTTP GET

Description:

Get the saved data for the specific formula against specific group

Parameters:

- string `sessionKey`
- int `groupId`
- string `formulaName`

Returns:

- struct the saved formula data

Chapter 323. Method: `getSystemFormulaData`

HTTP GET

Description:

Get the saved data for the specific formula against specific server

Parameters:

- string `sessionKey`
- int `sid` - the system ID
- string `formulaName`

Returns:

- struct the saved formula data

Chapter 324. Method: listFormulas

HTTP GET

Description:

Return the list of formulas currently installed.

Parameters:

- string sessionKey

Returns:

- string array the list of formulas

Chapter 325. Method: setFormulasOfGroup

HTTP POST

Description:

Set the formulas of a server group.

Parameters:

- string sessionKey
- int systemGroupId
- string array formulas

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 326. Method: setFormulasOfServer

HTTP POST

Description:

Set the formulas of a server.

Parameters:

- string sessionKey
- int sid - the system ID
- string array formulas

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 327. Method: setGroupFormulaData

HTTP POST

Description:

Set the formula form for the specified group.

Parameters:

- string sessionKey
- int groupId
- string formulaName
- struct content - struct containing the values for each field in the form

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 328. Method: setSystemFormulaData

HTTP POST

Description:

Set the formula form for the specified server.

Parameters:

- string sessionKey
- int systemId
- string formulaName
- struct content - struct content with the values for each field in the form

Returns:

- int - 1 on success, exception thrown otherwise.

image

Chapter 329. Available methods

- [addImageFile](#)
- [delete](#)
- [deleteImageFile](#)
- [getCustomValues](#)
- [getDetails](#)
- [getPillar](#)
- [getRelevantErrata](#)
- [importContainerImage](#)
- [importImage](#)
- [importOSImage](#)
- [listImages](#)
- [listPackages](#)
- [scheduleImageBuild](#)
- [setPillar](#)

Chapter 330. Description

Provides methods to access and modify images.

Namespace:

image

Chapter 331. Method: addImageFile

HTTP POST

Description:

Delete image file

Parameters:

- string sessionKey
- int imageId - ID of the image
- string file - the file name, it must exist in the store
- string type - the image type
- boolean external - the file is external

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 332. Method: delete

HTTP POST

Description:

Delete an image

Parameters:

- string sessionKey
- int imageId

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 333. Method: deleteImageFile

HTTP POST

Description:

Delete image file

Parameters:

- string sessionKey
- int imageId - ID of the image
- string file - the file name

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 334. Method: getCustomValues

HTTP GET

Description:

Get the custom data values defined for the image

Parameters:

- string sessionKey
- int imageId

Returns:

- struct the map of custom labels to custom values
 - string "custom info label"
 - string "value"

Chapter 335. Method: getDetails

HTTP GET

Description:

Get details of an image

Parameters:

- string sessionKey
- int imageId

Returns:

- * struct image overview information
 - int "id"
 - string "name" - image name
 - string "type" - image type
 - string "version" - image tag/version
 - int "revision" - image build revision number
 - string "arch" - image architecture
 - boolean "external" - true if the image is built externally, false otherwise
 - string "checksum"
 - string "profileLabel"
 - string "storeLabel"
 - string "buildStatus" - One of:
 - queued
 - picked up
 - completed
 - failed
 - string "inspectStatus" - Available if the build is successful. One of:
 - queued
 - picked up

-
- completed
 - failed
 - int "buildServerId"
 - int "securityErrata"
 - int "bugErrata"
 - int "enhancementErrata"
 - int "outdatedPackages"
 - int "installedPackages"
 - struct "files" - image files
 - boolean "obsolete" - true if the image has been replaced in the store

Chapter 336. Method: getPillar

HTTP GET

Description:

Get pillar data of an image. The "size" entries are converted to string.

Parameters:

- string sessionKey
- int imageId

Returns:

- struct the pillar data

Chapter 337. Method: getRelevantErrata

HTTP GET

Description:

Returns a list of all errata that are relevant for the image

Parameters:

- string sessionKey
- int imageId

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "issue_date" - the date erratum was updated (deprecated)
 - string "date" - the date erratum was created (deprecated)
 - string "update_date" - the date erratum was updated (deprecated)
 - string "advisory_synopsis" - summary of the erratum
 - string "advisory_type" - type label such as 'Security', 'Bug Fix'
 - string "advisory_status" - status label such as 'final', 'testing', 'retracted'
 - string "advisory_name" - name such as 'RHSA', etc.
 - boolean "reboot_suggested" - A boolean flag signaling whether a system reboot is advisable following the application of the errata. Typical example is upon kernel update.
 - boolean "restart_suggested" - A boolean flag signaling a weather reboot of the package manager is advisable following the application of the errata. This is commonly used to address update stack issues before proceeding with other updates.

Chapter 338. Method: importContainerImage

HTTP POST

Description:

Import an image and schedule an inspect afterwards

Parameters:

- string sessionKey
- string name - image name as specified in the store
- string version - version to import or empty
- int buildHostId - system ID of the build host
- string storeLabel
- string activationKey - activation key to get the channel data from
- dateTime.iso8601 earliestOccurrence - earliest the following inspect can run

Returns:

- int the ID of the inspect action created

Chapter 339. Method: importImage (Deprecated)

HTTP POST

Description:

Import an image and schedule an inspect afterwards

Deprecated - Schedule a Container image import

Parameters:

- string sessionKey
- string name - image name as specified in the store
- string version - version to import or empty
- int buildHostId - system ID of the build host
- string storeLabel
- string activationKey - activation key to get the channel data from
- dateTime.iso8601 earliestOccurrence - earliest the following inspect can run

Returns:

- int the ID of the inspect action created

Chapter 340. Method: importOSImage

HTTP POST

Description:

Import an image and schedule an inspect afterwards

Parameters:

- string sessionKey
- string name - image name as specified in the store
- string version - version to import
- string arch - image architecture

Returns:

- int the ID of the image

Chapter 341. Method: listImages

HTTP GET

Description:

List available images

Parameters:

- string sessionKey

Returns:

- array :
- struct image information
 - int "id"
 - string "name" - image name
 - string "version" - image tag/version
 - int "revision" - image build revision number
 - string "arch" - image architecture
 - boolean "external" - true if the image is built externally, false otherwise
 - string "storeLabel"
 - string "checksum"
 - string "obsolete"

Chapter 342. Method: listPackages

HTTP GET

Description:

List the installed packages on the given image

Parameters:

- string sessionKey
- int imageId

Returns:

- array :
 - struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - string "arch"

Chapter 343. Method: scheduleImageBuild

HTTP POST

Description:

Schedule an image build

Parameters:

- string sessionKey
- string profileLabel
- string version - version to build or empty
- int buildHostId - system id of the build host
- dateTime.iso8601 earliestOccurrence - earliest the build can run.

Returns:

- int the ID of the build action created

Chapter 344. Method: setPillar

HTTP POST

Description:

Set pillar data of an image. The "size" entries should be passed as string.

Parameters:

- string sessionKey
- int imageId
- struct pillarData

Returns:

- int - 1 on success, exception thrown otherwise.

image.delta

Chapter 345. Available methods

- `createDeltaImage`
- `getDetails`
- `listDeltas`

Chapter 346. Description

Provides methods to access and modify delta images.

Namespace:

image.delta

Chapter 347. Method: createDeltaImage

HTTP POST

Description:

Import an image and schedule an inspect afterwards. The "size" entries in the pillar should be passed as string.

Parameters:

- string sessionKey
- int sourceImageId
- int targetImageId
- string file
- struct pillar

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 348. Method: getDetails

HTTP GET

Description:

Get details of an Image

Parameters:

- string sessionKey
- int sourceImageId
- int targetImageId

Returns:

- * struct delta image information
 - int "source_id"
 - int "target_id"
 - string "file" - file path
 - struct "pillar" - pillar data

Chapter 349. Method: listDeltas

HTTP GET

Description:

List available DeltaImages

Parameters:

- string sessionKey

Returns:

- array :
- struct delta image information
 - int "source_id"
 - int "target_id"
 - string "file" - file path
 - struct "pillar" - pillar data

image.profile

Chapter 350. Available methods

- `create`
- `create`
- `delete`
- `deleteCustomValues`
- `getCustomValues`
- `getDetails`
- `listImageProfileTypes`
- `listImageProfiles`
- `setCustomValues`
- `setDetails`

Chapter 351. Description

Provides methods to access and modify image profiles.

Namespace:

image.profile

Chapter 352. Method: create

HTTP POST

Description:

Create a new image profile

Parameters:

- string sessionKey
- string label
- string type
- string storeLabel
- string path
- string activationKey - optional
- string kiwiOptions

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 353. Method: create

HTTP POST

Description:

Create a new image profile

Parameters:

- string sessionKey
- string label
- string type
- string storeLabel
- string path
- string activationKey - optional

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 354. Method: delete

HTTP POST

Description:

Delete an image profile

Parameters:

- string sessionKey
- string label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 355. Method: deleteCustomValues

HTTP POST

Description:

Delete the custom values defined for the specified image profile. (Note: Attempt to delete values of non-existing keys throws exception. Attempt to delete value of existing key which has assigned no values doesn't throw exception.)

Parameters:

- string sessionKey
- string label
- string array keys - the custom data keys

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 356. Method: getCustomValues

HTTP GET

Description:

Get the custom data values defined for the image profile

Parameters:

- string sessionKey
- string label

Returns:

- struct the map of custom labels to custom values
 - string "custom info label"
 - string "value"

Chapter 357. Method: getDetails

HTTP GET

Description:

Get details of an image profile

Parameters:

- string sessionKey
- string label

Returns:

- * struct image profile information
 - string "label"
 - string "imageType"
 - string "imageStore"
 - string "activationKey"
 - string "path" - in case type support path

Chapter 358. Method: listImageProfileTypes

HTTP GET

Description:

List available image store types

Parameters:

- string sessionKey

Returns:

- string array the list of image profile types

Chapter 359. Method: listImageProfiles

HTTP GET

Description:

List available image profiles

Parameters:

- string sessionKey

Returns:

- array :
- struct image profile information
 - string "label"
 - string "imageType"
 - string "imageStore"
 - string "activationKey"
 - string "path" - in case type support path

Chapter 360. Method: setCustomValues

HTTP POST

Description:

Set custom values for the specified image profile

Parameters:

- string sessionKey
- string label
- struct values - the map of custom labels to custom values
 - string "custom info label"
 - string "value"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 361. Method: setDetails

HTTP POST

Description:

Set details of an image profile

Parameters:

- string sessionKey
- string label
- struct details
 - string "storeLabel"
 - string "path"
 - string "activationKey" - set empty string to unset

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 362. Available methods

- `create`
- `delete`
- `getDetails`
- `listImageStoreTypes`
- `listImageStores`
- `setDetails`

Chapter 363. Description

Provides methods to access and modify image stores.

Namespace:

image.store

Chapter 364. Method: create

HTTP POST

Description:

Create a new image store

Parameters:

- string sessionKey
- string label
- string uri
- string storeType
- struct credentials - optional
 - string "username"
 - string "password"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 365. Method: delete

HTTP POST

Description:

Delete an image store

Parameters:

- string sessionKey
- string label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 366. Method: getDetails

HTTP GET

Description:

Get details of an image store

Parameters:

- string sessionKey
- string label

Returns:

- * struct image store information
 - string "label"
 - string "uri"
 - string "storetype"
 - boolean "hasCredentials"
 - string "username"

Chapter 367. Method: listImageStoreTypes

HTTP GET

Description:

List available image store types

Parameters:

- string sessionKey

Returns:

- array :
- struct image store type information
 - int "id"
 - string "label"
 - string "name"

Chapter 368. Method: listImageStores

HTTP GET

Description:

List available image stores

Parameters:

- string sessionKey

Returns:

- array :
- struct image store information
 - string "label"
 - string "uri"
 - string "storetype"
 - boolean "hasCredentials"
 - string "username"

Chapter 369. Method: setDetails

HTTP POST

Description:

Set details of an image store

Parameters:

- string sessionKey
- string label
- struct details - image store details
 - string "uri"
 - string "username" - pass empty string to unset credentials
 - string "password"

Returns:

- int - 1 on success, exception thrown otherwise.

kickstart

Chapter 370. Available methods

- `cloneProfile`
- `createProfile`
- `createProfile`
- `createProfileWithCustomUrl`
- `createProfileWithCustomUrl`
- `deleteProfile`
- `disableProfile`
- `findKickstartForIp`
- `importFile`
- `importFile`
- `importFile`
- `importRawFile`
- `importRawFile`
- `isProfileDisabled`
- `listAllIpRanges`
- `listAutoinstallableChannels`
- `listKickstartableChannels`
- `listKickstarts`
- `renameProfile`

Chapter 371. Description

Provides methods to create kickstart files

Namespace:

kickstart

Chapter 372. Method: cloneProfile

HTTP POST

Description:

Clone a Kickstart Profile

Parameters:

- string sessionKey
- string ksLabelToClone - Label of the kickstart profile to clone
- string newKsLabel - label of the cloned profile

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 373. Method: createProfile

HTTP POST

Description:

Create a kickstart profile.

Parameters:

- string sessionKey
- string profileLabel - Label for the new kickstart profile.
- string virtualizationType - none, para_host, qemu, xenfv or xenpv.
- string kickstartableTreeLabel - Label of a kickstartable tree to associate the new profile with.
- string kickstartHost - Kickstart hostname (of a Uyuni server or proxy) used to construct the default download URL for the new kickstart profile.
- string rootPassword - Root password.
- string updateType - Should the profile update itself to use the newest tree available? Possible values are: none (default) or all (includes custom Kickstart Trees).

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 374. Method: createProfile

HTTP POST

Description:

Create a kickstart profile.

Parameters:

- string sessionKey
- string profileLabel - Label for the new kickstart profile.
- string virtualizationType - none, para_host, qemu, xenv or xenvp.
- string kickstartableTreeLabel - Label of a kickstartable tree to associate the new profile with.
- string kickstartHost - Kickstart hostname (of a Uyuni server or proxy) used to construct the default download URL for the new kickstart profile.
- string rootPassword - Root password.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 375. Method: createProfileWithCustomUrl

HTTP POST

Description:

Create a kickstart profile.

Parameters:

- string sessionKey
- string profileLabel - Label for the new kickstart profile.
- string virtualizationType - none, para_host, qemu, xenvf or xenpv.
- string kickstartableTreeLabel - Label of a kickstartable tree to associate the new profile with.
- boolean downloadUrl - Download URL, or 'default' to use the kickstart tree's default URL.
- string rootPassword - Root password.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 376. Method: createProfileWithCustomUrl

HTTP POST

Description:

Create a kickstart profile.

Parameters:

- string sessionKey
- string profileLabel - Label for the new kickstart profile.
- string virtualizationType - none, para_host, qemu, xenfv or xenpv.
- string kickstartableTreeLabel - Label of a kickstartable tree to associate the new profile with.
- boolean downloadUrl - Download URL, or 'default' to use the kickstart tree's default URL.
- string rootPassword - Root password.
- string updateType - Should the profile update itself to use the newest tree available? Possible values are: none (default) or all (includes custom Kickstart Trees).

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 377. Method: deleteProfile

HTTP POST

Description:

Delete a kickstart profile

Parameters:

- string sessionKey
- string ksLabel - The label of the kickstart profile you want to remove

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 378. Method: disableProfile

HTTP POST

Description:

Enable/Disable a Kickstart Profile

Parameters:

- string sessionKey
- string profileLabel - Label for the kickstart tree you want to en/disable
- string disabled - true to disable the profile

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 379. Method: findKickstartForIp

HTTP GET

Description:

Find an associated kickstart for a given ip address.

Parameters:

- string sessionKey
- string ipAddress - The ip address to search for (i.e. 192.168.0.1)

Returns:

- string label - label of the kickstart. Empty string if not found

Chapter 380. Method: importFile

HTTP POST

Description:

Import a kickstart profile.

Parameters:

- string sessionKey
- string profileLabel - Label for the new kickstart profile.
- string virtualizationType - none, para_host, qemu, xenv or xenpv.
- string kickstartableTreeLabel - Label of a kickstartable tree to associate the new profile with.
- string kickstartFileContents - Contents of the kickstart file to import.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 381. Method: importFile

HTTP POST

Description:

Import a kickstart profile.

Parameters:

- string sessionKey
- string profileLabel - Label for the new kickstart profile.
- string virtualizationType - none, para_host, qemu, xenv or xenpv.
- string kickstartableTreeLabel - Label of a kickstartable tree to associate the new profile with.
- string kickstartHost - Kickstart hostname (of a Uyuni server or proxy) used to construct the default download URL for the new kickstart profile. Using this option signifies that this default URL will be used instead of any url/nfs/cdrom/harddrive commands in the kickstart file itself.
- string kickstartFileContents - Contents of the kickstart file to import.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 382. Method: importFile

HTTP POST

Description:

Import a kickstart profile.

Parameters:

- string sessionKey
- string profileLabel - Label for the new kickstart profile.
- string virtualizationType - none, para_host, qemu, xenvf or xenpv.
- string kickstartableTreeLabel - Label of a kickstartable tree to associate the new profile with.
- string kickstartHost - Kickstart hostname (of a Uyuni server or proxy) used to construct the default download URL for the new kickstart profile. Using this option signifies that this default URL will be used instead of any url/nfs/cdrom/harddrive commands in the kickstart file itself.
- string kickstartFileContents - Contents of the kickstart file to import.
- string updateType - Should the profile update itself to use the newest tree available? Possible values are: none (default) or all (includes custom Kickstart Trees).

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 383. Method: importRawFile

HTTP POST

Description:

Import a raw kickstart file into #product().

Parameters:

- string sessionKey
- string profileLabel - Label for the new kickstart profile.
- string virtualizationType - none, para_host, qemu, xenv or xenpv.
- string kickstartableTreeLabel - Label of a kickstartable tree to associate the new profile with.
- string kickstartFileContents - Contents of the kickstart file to import.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 384. Method: importRawFile

HTTP POST

Description:

Import a raw kickstart file into #product().

Parameters:

- string sessionKey
- string profileLabel - Label for the new kickstart profile.
- string virtualizationType - none, para_host, qemu, xenfv or xenpv.
- string kickstartableTreeLabel - Label of a kickstartable tree to associate the new profile with.
- string kickstartFileContents - Contents of the kickstart file to import.
- string updateType - Should the profile update itself to use the newest tree available? Possible values are: none (default) or all (includes custom Kickstart Trees).

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 385. Method: isProfileDisabled

HTTP GET

Description:

Returns whether a kickstart profile is disabled

Parameters:

- string sessionKey
- string profileLabel - kickstart profile label

Returns:

- boolean disabled - true if profile is disabled

Chapter 386. Method: listAllIpRanges

HTTP GET

Description:

List all Ip Ranges and their associated kickstarts available in the user's org.

Parameters:

- string sessionKey

Returns:

- array :
- struct kickstart IP range
 - string "ksLabel" - the kickstart label associated with the IP range
 - string "max" - the max IP of the range
 - string "min" - the min IP of the range

Chapter 387. Method: listAutoinstallableChannels

HTTP GET

Description:

List autoinstallable channels for the logged in user.

Parameters:

- string sessionKey

Returns:

- array :
- struct channel
 - int "id"
 - string "name"
 - string "label"
 - string "arch_name"
 - string "arch_label"
 - string "summary"
 - string "description"
 - string "checksum_label"
 - dateTime.iso8601 "last_modified"
 - string "maintainer_name"
 - string "maintainer_email"
 - string "maintainer_phone"
 - string "support_policy"
 - string "gpg_key_url"
 - string "gpg_key_id"
 - string "gpg_key_fp"
 - dateTime.iso8601 "yumrepo_last_sync" - (optional)
 - string "end_of_life"

-
- string "parent_channel_label"
 - string "clone_original"
 - array "contentSources"
 - struct content source
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"

Chapter 388. Method: listKickstartableChannels

HTTP GET

Description:

List kickstartable channels for the logged in user.

Parameters:

- string sessionKey

Returns:

- array :
- struct channel
 - int "id"
 - string "name"
 - string "label"
 - string "arch_name"
 - string "arch_label"
 - string "summary"
 - string "description"
 - string "checksum_label"
 - dateTime.iso8601 "last_modified"
 - string "maintainer_name"
 - string "maintainer_email"
 - string "maintainer_phone"
 - string "support_policy"
 - string "gpg_key_url"
 - string "gpg_key_id"
 - string "gpg_key_fp"
 - dateTime.iso8601 "yumrepo_last_sync" - (optional)
 - string "end_of_life"

-
- string "parent_channel_label"
 - string "clone_original"
 - array "contentSources"
 - struct content source
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"

Chapter 389. Method: listKickstarts

HTTP GET

Description:

Provides a list of kickstart profiles visible to the user's org

Parameters:

- string sessionKey

Returns:

- array :
- struct kickstart
 - string "label"
 - string "tree_label"
 - string "name"
 - boolean "advanced_mode"
 - boolean "org_default"
 - boolean "active"
 - string "update_type"

Chapter 390. Method: renameProfile

HTTP POST

Description:

Rename a kickstart profile in #product().

Parameters:

- string sessionKey
- string originalLabel - Label for the kickstart profile you want to rename
- string newLabel - new label to change to

Returns:

- int - 1 on success, exception thrown otherwise.

kickstart.filepreservation

Chapter 391. Available methods

- `create`
- `delete`
- `getDetails`
- `listAllFilePreservations`

Chapter 392. Description

Provides methods to retrieve and manipulate kickstart file preservation lists.

Namespace:

kickstart.filepreservation

Chapter 393. Method: create

HTTP POST

Description:

Create a new file preservation list.

Parameters:

- string sessionKey
- string name - name of the file list to create
- string array files - file names to include

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 394. Method: delete

HTTP POST

Description:

Delete a file preservation list.

Parameters:

- string sessionKey
- string name - name of the file list to delete

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 395. Method: getDetails

HTTP GET

Description:

Returns all the data associated with the given file preservation list.

Parameters:

- string sessionKey
- string name - name of the file list to retrieve details for

Returns:

- * struct file list
 - string "name"
 - string array "file_names" - the list of file names

Chapter 396. Method: listAllFilePreservations

HTTP GET

Description:

List all file preservation lists for the organization associated with the user logged into the given session

Parameters:

- string sessionKey

Returns:

- array :
- struct file preservation
 - int "id"
 - string "name"
 - dateTime.iso8601 "created"
 - dateTime.iso8601 "last_modified"

kickstart.keys

Chapter 397. Available methods

- `create`
- `delete`
- `getDetails`
- `listAllKeys`
- `update`

Chapter 398. Description

Provides methods to manipulate kickstart keys.

Namespace:

kickstart.keys

Chapter 399. Method: create

HTTP POST

Description:

creates a new key with the given parameters

Parameters:

- string sessionKey
- string description
- string type - valid values are GPG or SSL
- string content

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 400. Method: delete

HTTP POST

Description:

deletes the key identified by the given parameters

Parameters:

- string sessionKey
- string description

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 401. Method: getDetails

HTTP GET

Description:

returns all the data associated with the given key

Parameters:

- string sessionKey
- string description

Returns:

- struct key
 - string "description"
 - string "type"
 - string "content"

Chapter 402. Method: listAllKeys

HTTP GET

Description:

list all keys for the org associated with the user logged into the given session

Parameters:

- string sessionKey

Returns:

- array :
 - struct key
 - string "description"
 - string "type"

Chapter 403. Method: update

HTTP POST

Description:

Updates type and content of the key identified by the description

Parameters:

- string sessionKey
- string description
- string type - valid values are GPG or SSL
- string content

Returns:

- int - 1 on success, exception thrown otherwise.

kickstart.profile

Chapter 404. Available methods

- `addIpRange`
- `addScript`
- `addScript`
- `addScript`
- `compareActivationKeys`
- `compareAdvancedOptions`
- `comparePackages`
- `downloadKickstart`
- `downloadRenderedKickstart`
- `getAdvancedOptions`
- `getAvailableRepositories`
- `getCfgPreservation`
- `getChildChannels`
- `getCustomOptions`
- `getKickstartTree`
- `getRepositories`
- `getUpdateType`
- `getVariables`
- `getVirtualizationType`
- `listIpRanges`
- `listScripts`
- `orderScripts`
- `removeIpRange`
- `removeScript`
- `setAdvancedOptions`
- `setCfgPreservation`
- `setChildChannels`

-
- `setCustomOptions`
 - `setKickstartTree`
 - `setLogging`
 - `setRepositories`
 - `setUpdateType`
 - `setVariables`
 - `setVirtualizationType`

Chapter 405. Description

Provides methods to access and modify many aspects of a kickstart profile.

Namespace:

kickstart.profile

Chapter 406. Method: addIpRange

HTTP POST

Description:

Add an ip range to a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - The label of the kickstart
- string min - The ip address making up the minimum of the range (i.e. 192.168.0.1)
- string max - The ip address making up the maximum of the range (i.e. 192.168.0.254)

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 407. Method: addScript

HTTP POST

Description:

Add a pre/post script to a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - The kickstart label to add the script to.
- string name - The kickstart script name.
- string contents - The full script to add.
- string interpreter - The path to the interpreter to use (i.e. /bin/bash). An empty string will use the kickstart default interpreter.
- string type - The type of script (either 'pre' or 'post').
- boolean chroot - Whether to run the script in the chrooted install location (recommended) or not.

Returns:

- int id - the id of the added script

Chapter 408. Method: addScript

HTTP POST

Description:

Add a pre/post script to a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - The kickstart label to add the script to.
- string name - The kickstart script name.
- string contents - The full script to add.
- string interpreter - The path to the interpreter to use (i.e. /bin/bash). An empty string will use the kickstart default interpreter.
- string type - The type of script (either 'pre' or 'post').
- boolean chroot - Whether to run the script in the chrooted install location (recommended) or not.
- boolean template - Enable templating using cobbler.

Returns:

- int id - the id of the added script

Chapter 409. Method: addScript

HTTP POST

Description:

Add a pre/post script to a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - The kickstart label to add the script to.
- string name - The kickstart script name.
- string contents - The full script to add.
- string interpreter - The path to the interpreter to use (i.e. /bin/bash). An empty string will use the kickstart default interpreter.
- string type - The type of script (either 'pre' or 'post').
- boolean chroot - Whether to run the script in the chrooted install location (recommended) or not.
- boolean template - Enable templating using cobbler.
- boolean erroronfail - Whether to throw an error if the script fails or not

Returns:

- int id - the id of the added script

Chapter 410. Method: compareActivationKeys

HTTP POST

Description:

Returns a list for each kickstart profile; each list will contain activation keys not present on the other profile.

Parameters:

- string sessionKey
- string kickstartLabel1
- string kickstartLabel2

Returns:

- struct Comparison Info
 - array "kickstartLabel1" - Actual label of the first kickstart profile is the key into the struct
 - array :
- struct activation key
 - string "key"
 - string "description"
 - int "usage_limit"
 - string "base_channel_label"
 - string array "child_channel_labels" - childChannelLabel
 - string array "entitlements" - entitlementLabel
 - string array "server_group_ids" - serverGroupId
 - string array "package_names" - packageName - (deprecated by packages)
 - array "packages"
 - struct package
 - string "name" - packageName
 - string "arch" - archLabel - optional
 - boolean "universal_default"
 - boolean "disabled"

-
- string "contact_method" - One of the following:
 - default
 - ssh-push
 - ssh-push-tunnel
 - array "kickstartLabel2" - Actual label of the second kickstart profile is the key into the struct
 - array :
 - struct activation key
 - string "key"
 - string "description"
 - int "usage_limit"
 - string "base_channel_label"
 - string array "child_channel_labels" - childChannelLabel
 - string array "entitlements" - entitlementLabel
 - string array "server_group_ids" - serverGroupId
 - string array "package_names" - packageName - (deprecated by packages)
 - array "packages"
 - struct package
 - string "name" - packageName
 - string "arch" - archLabel - optional
 - boolean "universal_default"
 - boolean "disabled"
 - string "contact_method" - One of the following:
 - default
 - ssh-push
 - ssh-push-tunnel

Chapter 411. Method: compareAdvancedOptions

HTTP POST

Description:

Returns a list for each kickstart profile; each list will contain the properties that differ between the profiles and their values for that specific profile .

Parameters:

- string sessionKey
- string kickstartLabel1
- string kickstartLabel2

Returns:

- struct Comparison Info
 - array "kickstartLabel1" - Actual label of the first kickstart profile is the key into the struct
 - array :
- struct value
 - string "name"
 - string "value"
 - boolean "enabled"
 - array "kickstartLabel2" - Actual label of the second kickstart profile is the key into the struct
 - array :
- struct value
 - string "name"
 - string "value"
 - boolean "enabled"

Chapter 412. Method: comparePackages

HTTP POST

Description:

Returns a list for each kickstart profile; each list will contain package names not present on the other profile.

Parameters:

- string sessionKey
- string kickstartLabel1
- string kickstartLabel2

Returns:

- struct Comparison Info
 - array "kickstartLabel1" - Actual label of the first kickstart profile is the key into the struct
 - string array package name
 - array "kickstartLabel2" - Actual label of the second kickstart profile is the key into the struct
 - string array package name

Chapter 413. Method: downloadKickstart

HTTP POST

Description:

Download the full contents of a kickstart file.

Parameters:

- string sessionKey
- string ksLabel - The label of the kickstart to download.
- string host - The host to use when referring to the Uyuni server. Usually this should be the FQDN, but could be the ip address or shortname as well.

Returns:

- string ks - The contents of the kickstart file. Note: if an activation key is not associated with the kickstart file, registration will not occur in the generated %post section. If one is associated, it will be used for registration

Chapter 414. Method: downloadRenderedKickstart

HTTP POST

Description:

Downloads the Cobbler-rendered Kickstart file.

Parameters:

- string sessionKey
- string ksLabel - The label of the kickstart to download.

Returns:

- string ks - The contents of the kickstart file

Chapter 415. Method: getAdvancedOptions

HTTP GET

Description:

Get advanced options for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - Label of kickstart profile to be changed.

Returns:

- array :
- struct option
 - string "name"
 - string "arguments"

Chapter 416. Method: getAvailableRepositories

HTTP GET

Description:

Lists available OS repositories to associate with the provided kickstart profile.

Parameters:

- string sessionKey
- string ksLabel

Returns:

- string array repositoryLabel

Chapter 417. Method: getCfgPreservation

HTTP GET

Description:

Get ks.cfg preservation option for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - Label of kickstart profile to be changed.

Returns:

- boolean preserve - The value of the option. True means that ks.cfg will be copied to /root, false means that it will not

Chapter 418. Method: getChildChannels

HTTP GET

Description:

Get the child channels for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - Label of kickstart profile.

Returns:

- string array channelLabel

Chapter 419. Method: getCustomOptions

HTTP GET

Description:

Get custom options for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel

Returns:

- array :
- struct option
 - int "id"
 - string "arguments"

Chapter 420. Method: getKickstartTree

HTTP GET

Description:

Get the kickstart tree for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - Label of kickstart profile to be changed.

Returns:

- string kstreeLabel - Label of the kickstart tree.

Chapter 421. Method: getRepositories

HTTP GET

Description:

Lists all OS repositories associated with provided kickstart profile.

Parameters:

- string sessionKey
- string ksLabel

Returns:

- string array repositoryLabel

Chapter 422. Method: getUpdateType

HTTP GET

Description:

Get the update type for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - Label of kickstart profile.

Returns:

- string update_type - Update type for this Kickstart Profile.

Chapter 423. Method: getVariables

HTTP GET

Description:

Returns a list of variables associated with the specified kickstart profile

Parameters:

- string sessionKey
- string ksLabel

Returns:

- struct kickstart variable
 - string "key"
 - string or int "value"

Chapter 424. Method: getVirtualizationType

HTTP GET

Description:

For given kickstart profile label returns label of virtualization type it's using

Parameters:

- string sessionKey
- string ksLabel

Returns:

- string virtLabel - Label of virtualization type.

Chapter 425. Method: listIpRanges

HTTP GET

Description:

List all ip ranges for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - The label of the kickstart

Returns:

- array :
- struct kickstart IP range
 - string "ksLabel" - the kickstart label associated with the IP range
 - string "max" - the max IP of the range
 - string "min" - the min IP of the range

Chapter 426. Method: listScripts

HTTP GET

Description:

List the pre and post scripts for a kickstart profile in the order they will run during the kickstart.

Parameters:

- string sessionKey
- string ksLabel - The label of the kickstart

Returns:

- array :
- struct kickstart script
 - int "id"
 - string "name"
 - string "contents"
 - string "script_type" - the type of script ('pre' or 'post')
 - string "interpreter" - the scripting language interpreter to use for this script. An empty string indicates the default kickstart shell.
 - boolean "chroot" - true if the script will be executed within the chroot environment
 - boolean "erroronfail" - true if the script will throw an error if it fails
 - boolean "template" - true if templating using cobbler is enabled
 - boolean "beforeRegistration" - true if script will run before the server registers and performs server actions

Chapter 427. Method: orderScripts

HTTP POST

Description:

Change the order that kickstart scripts will run for this kickstart profile. Scripts will run in the order they appear in the array. There are three arrays, one for all pre scripts, one for the post scripts that run before registration and server actions happen, and one for post scripts that run after registration and server actions. All scripts must be included in one of these lists, as appropriate.

Parameters:

- string sessionKey
- string ksLabel - The label of the kickstart
- int array preScripts - IDs of the ordered pre scripts
- int array postScriptsBeforeRegistration - IDs of the ordered post scripts that will run before registration
- int array postScriptsAfterRegistration - IDs of the ordered post scripts that will run after registration

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 428. Method: removeIpRange

HTTP POST

Description:

Remove an ip range from a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - The kickstart label of the ip range you want to remove
- string ipAddress - An Ip Address that falls within the range that you are wanting to remove. The min or max of the range will work.

Returns:

- int status - 1 on successful removal, 0 if range wasn't found for the specified kickstart, exception otherwise

Chapter 429. Method: removeScript

HTTP POST

Description:

Remove a script from a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - The kickstart from which to remove the script from.
- int scriptId - The id of the script to remove.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 430. Method: setAdvancedOptions

HTTP POST

Description:

Set advanced options for a kickstart profile. 'md5_crypt_rootpw' is not supported anymore. If 'sha256_crypt_rootpw' is set to 'True', 'root_pw' is taken as plaintext and will sha256 encrypted on server side, otherwise a hash encoded password (according to the auth option) is expected

Parameters:

- string sessionKey
- string ksLabel
- array options
 - struct advanced options
 - string "name" - Name of the advanced option. Valid Option names: autostep, interactive, install, upgrade, text, network, cdrom, harddrive, nfs, url, lang, langsupport keyboard, mouse, device, deviceprobe, zerombr, clearpart, bootloader, timezone, auth, rootpw, selinux, reboot, firewall, xconfig, skipx, key, ignoredisk, autopart, cmdline, firstboot, graphical, iscsi, iscsiname, logging, monitor, multipath, poweroff, halt, services, shutdown, user, vnc, zfc, driverdisk, sha256_crypt_rootpw
 - string "arguments" - Arguments of the option

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 431. Method: setCfgPreservation

HTTP POST

Description:

Set ks.cfg preservation option for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - Label of kickstart profile to be changed.
- boolean preserve - whether or not ks.cfg and all %include fragments will be copied to /root.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 432. Method: setChildChannels

HTTP POST

Description:

Set the child channels for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - Label of kickstart profile to be changed.
- string array channelLabels - List of labels of child channels

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 433. Method: setCustomOptions

HTTP POST

Description:

Set custom options for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel
- string array options

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 434. Method: setKickstartTree

HTTP POST

Description:

Set the kickstart tree for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - Label of kickstart profile to be changed.
- string kstreeLabel - Label of new kickstart tree.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 435. Method: setLogging

HTTP POST

Description:

Set logging options for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - Label of kickstart profile to be changed.
- boolean pre - whether or not to log the pre section of a kickstart to /root/ks-pre.log
- boolean post - whether or not to log the post section of a kickstart to /root/ks-post.log

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 436. Method: setRepositories

HTTP POST

Description:

Associates OS repository to a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel
- string array repoLabels

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 437. Method: setUpdateType

HTTP POST

Description:

Set the update type for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - Label of kickstart profile to be changed.
- string updateType - The new update type to set. Possible values are 'all' and 'none'.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 438. Method: setVariables

HTTP POST

Description:

Associates list of kickstart variables with the specified kickstart profile

Parameters:

- string sessionKey
- string ksLabel
- struct variables
 - string "key"
 - string or int "value"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 439. Method: setVirtualizationType

HTTP POST

Description:

For given kickstart profile label sets its virtualization type.

Parameters:

- string sessionKey
- string ksLabel
- string typeLabel - One of the following: 'none', 'qemu', 'para_host', 'xenpv', 'xenfv'

Returns:

- int - 1 on success, exception thrown otherwise.

kickstart.profile.keys

Chapter 440. Available methods

- `addActivationKey`
- `getActivationKeys`
- `removeActivationKey`

Chapter 441. Description

Provides methods to access and modify the list of activation keys associated with a kickstart profile.

Namespace:

kickstart.profile.keys

Chapter 442. Method: addActivationKey

HTTP POST

Description:

Add an activation key association to the kickstart profile

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label
- string key - the activation key

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 443. Method: getActivationKeys

HTTP GET

Description:

Lookup the activation keys associated with the kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- array :
- struct activation key
 - string "key"
 - string "description"
 - int "usage_limit"
 - string "base_channel_label"
 - string array "child_channel_labels" - childChannelLabel
 - string array "entitlements" - entitlementLabel
 - string array "server_group_ids" - serverGroupId
 - string array "package_names" - packageName - (deprecated by packages)
 - array "packages"
 - struct package
 - string "name" - packageName
 - string "arch" - archLabel - optional
 - boolean "universal_default"
 - boolean "disabled"
 - string "contact_method" - One of the following:
 - default
 - ssh-push

■ ssh-push-tunnel

Chapter 444. Method: removeActivationKey

HTTP POST

Description:

Remove an activation key association from the kickstart profile

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label
- string key - the activation key

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 445. Available methods

- `appendToSoftwareList`
- `getSoftwareDetails`
- `getSoftwareList`
- `setSoftwareDetails`
- `setSoftwareList`
- `setSoftwareList`

Chapter 446. Description

Provides methods to access and modify the software list associated with a kickstart profile.

Namespace:

kickstart.profile.software

Chapter 447. Method: appendToSoftwareList

HTTP POST

Description:

Append the list of software packages to a kickstart profile. Duplicate packages will be ignored.

Parameters:

- string sessionKey
- string ksLabel - the label of the kickstart profile
- string array packageList - the list of package names to be added to the profile

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 448. Method: getSoftwareDetails

HTTP GET

Description:

Gets kickstart profile software details.

Parameters:

- string sessionKey
- string ksLabel - the label of the kickstart profile

Returns:

- struct kickstart packages info
 - string "noBase" - install @Base package group
 - string "ignoreMissing" - ignore missing packages

Chapter 449. Method: getSoftwareList

HTTP GET

Description:

Get a list of a kickstart profile's software packages.

Parameters:

- string sessionKey
- string ksLabel - the label of the kickstart profile

Returns:

- string array the list of the kickstart profile's software packages

Chapter 450. Method: setSoftwareDetails

HTTP POST

Description:

Sets kickstart profile software details.

Parameters:

- string sessionKey
- string ksLabel - the label of the kickstart profile
- struct params - kickstart packages info
 - string "noBase" - install @Base package group
 - string "ignoreMissing" - ignore missing packages

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 451. Method: setSoftwareList

HTTP POST

Description:

Set the list of software packages for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the label of the kickstart profile
- string array packageList - the list of package names to be set on the profile

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 452. Method: setSoftwareList

HTTP POST

Description:

Set the list of software packages for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the label of the kickstart profile
- string array packageList - a list of package names to be set on the profile
- boolean ignoreMissing - ignore missing packages if true
- boolean noBase - don't install @Base package group if true

Returns:

- int - 1 on success, exception thrown otherwise.

kickstart.profile.system

Chapter 453. Available methods

- `addFilePreservations`
- `addKeys`
- `checkConfigManagement`
- `checkRemoteCommands`
- `disableConfigManagement`
- `disableRemoteCommands`
- `enableConfigManagement`
- `enableRemoteCommands`
- `getLocale`
- `getPartitioningScheme`
- `getRegistrationType`
- `getSELinux`
- `listFilePreservations`
- `listKeys`
- `removeFilePreservations`
- `removeKeys`
- `setLocale`
- `setPartitioningScheme`
- `setRegistrationType`
- `setSELinux`

Chapter 454. Description

Provides methods to set various properties of a kickstart profile.

Namespace:

kickstart.profile.system

Chapter 455. Method: addFilePreservations

HTTP POST

Description:

Adds the given list of file preservations to the specified kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label
- string array filePreservations - the list identifying the file preservations to add

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 456. Method: addKeys

HTTP POST

Description:

Adds the given list of keys to the specified kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label
- string array descriptions - the list identifying the keys to add

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 457. Method: checkConfigManagement

HTTP POST

Description:

Check the configuration management status for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- boolean true if configuration management is enabled; otherwise, false

Chapter 458. Method: checkRemoteCommands

HTTP POST

Description:

Check the remote commands status flag for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- boolean true if remote commands support is enabled; otherwise, false

Chapter 459. Method: disableConfigManagement

HTTP POST

Description:

Disables the configuration management flag in a kickstart profile so that a system created using this profile will be NOT be configuration capable.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 460. Method: disableRemoteCommands

HTTP POST

Description:

Disables the remote command flag in a kickstart profile so that a system created using this profile will be capable of running remote commands

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 461. Method: enableConfigManagement

HTTP POST

Description:

Enables the configuration management flag in a kickstart profile so that a system created using this profile will be configuration capable.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 462. Method: enableRemoteCommands

HTTP POST

Description:

Enables the remote command flag in a kickstart profile so that a system created using this profile will be capable of running remote commands

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 463. Method: getLocale

HTTP GET

Description:

Retrieves the locale for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- struct locale info
 - string "locale"
 - boolean "useUtc"
 - true - the hardware clock uses UTC
 - false - the hardware clock does not use UTC

Chapter 464. Method: getPartitioningScheme

HTTP GET

Description:

Get the partitioning scheme for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the label of a kickstart profile

Returns:

- string array a list of partitioning commands used to setup the partitions, logical volumes and volume groups

Chapter 465. Method: getRegistrationType

HTTP POST

Description:

returns the registration type of a given kickstart profile. Registration Type can be one of reactivation/deletion/none These types determine the behaviour of the registration when using this profile for reprovisioning.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- string the registration type
 - reactivation
 - deletion
 - none

Chapter 466. Method: getSELinux

HTTP GET

Description:

Retrieves the SELinux enforcing mode property of a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- string enforcing mode
 - enforcing
 - permissive
 - disabled

Chapter 467. Method: listFilePreservations

HTTP GET

Description:

Returns the set of all file preservations associated with the given kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- array :
- struct file list
 - string "name"
 - string array "file_names" - the list of file names

Chapter 468. Method: listKeys

HTTP GET

Description:

Returns the set of all keys associated with the given kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label

Returns:

- array :
 - struct key
 - string "description"
 - string "type"
 - string "content"

Chapter 469. Method: removeFilePreservations

HTTP POST

Description:

Removes the given list of file preservations from the specified kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label
- string array filePreservations - the list identifying the file preservations to add

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 470. Method: removeKeys

HTTP POST

Description:

Removes the given list of keys from the specified kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label
- string array descriptions - the list identifying the keys to remove

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 471. Method: setLocale

HTTP POST

Description:

Sets the locale for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label
- string locale - the locale
- boolean useUtc
 - true - the hardware clock uses UTC
 - false - the hardware clock does not use UTC

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 472. Method: setPartitioningScheme

HTTP POST

Description:

Set the partitioning scheme for a kickstart profile.

Parameters:

- string sessionKey
- string ksLabel - the label of the kickstart profile to update
- string array scheme - the partitioning scheme is a list of partitioning command strings used to setup the partitions, volume groups and logical volumes.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 473. Method: setRegistrationType

HTTP POST

Description:

Sets the registration type of a given kickstart profile. Registration Type can be one of reactivation/deletion/none These types determine the behaviour of the re registration when using this profile.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label
- string registrationType
 - reactivation - to try and generate a reactivation key and use that to register the system when reprovisioning a system.
 - deletion - to try and delete the existing system profile and reregister the system being reprovisioned as new
 - none - to preserve the status quo and leave the current system as a duplicate on a reprovision.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 474. Method: setSELinux

HTTP POST

Description:

Sets the SELinux enforcing mode property of a kickstart profile so that a system created using this profile will be have the appropriate SELinux enforcing mode.

Parameters:

- string sessionKey
- string ksLabel - the kickstart profile label
- string enforcingMode - the SELinux enforcing mode
 - enforcing
 - permissive
 - disabled

Returns:

- int - 1 on success, exception thrown otherwise.

kickstart.snippet

Chapter 475. Available methods

- `createOrUpdate`
- `delete`
- `listAll`
- `listCustom`
- `listDefault`

Chapter 476. Description

Provides methods to create kickstart files

Namespace:

kickstart.snippet

Chapter 477. Method: createOrUpdate

HTTP POST

Description:

Will create a snippet with the given name and contents if it doesn't exist. If it does exist, the existing snippet will be updated.

Parameters:

- string sessionKey
- string name
- string contents

Returns:

- * struct snippet
 - string "name"
 - string "contents"
 - string "fragment" - the string to include in a kickstart file that will generate this snippet
 - string "file" - the local path to the file containing this snippet

Chapter 478. Method: delete

HTTP POST

Description:

Delete the specified snippet. If the snippet is not found, 0 is returned.

Parameters:

- string sessionKey
- string name

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 479. Method: listAll

HTTP GET

Description:

List all cobbler snippets for the logged in user

Parameters:

- string sessionKey

Returns:

- array :
- struct snippet
 - string "name"
 - string "contents"
 - string "fragment" - the string to include in a kickstart file that will generate this snippet
 - string "file" - the local path to the file containing this snippet

Chapter 480. Method: listCustom

HTTP GET

Description:

List only custom snippets for the logged in user. These snippets are editable.

Parameters:

- string sessionKey

Returns:

- array :
- struct snippet
 - string "name"
 - string "contents"
 - string "fragment" - the string to include in a kickstart file that will generate this snippet
 - string "file" - the local path to the file containing this snippet

Chapter 481. Method: listDefault

HTTP GET

Description:

List only pre-made default snippets for the logged in user. These snippets are not editable.

Parameters:

- string sessionKey

Returns:

- array :
- struct snippet
 - string "name"
 - string "contents"
 - string "fragment" - the string to include in a kickstart file that will generate this snippet
 - string "file" - the local path to the file containing this snippet

kickstart.tree

Chapter 482. Available methods

- create
- create
- delete
- deleteTreeAndProfiles
- getDetails
- list
- listInstallTypes
- rename
- update
- update

Chapter 483. Description

Provides methods to access and modify the kickstart trees.

Namespace:

kickstart.tree

Chapter 484. Method: create

HTTP POST

Description:

Create a Kickstart Tree (Distribution) in #product().

Parameters:

- string sessionKey
- string treeLabel - The new kickstart tree label.
- string basePath - Path to the base or root of the kickstart tree.
- string channelLabel - Label of channel to associate with the kickstart tree.
- string installType - Label for KickstartInstallType (rhel_6, rhel_7, rhel_8, rhel_9, fedora_9).

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 485. Method: create

HTTP POST

Description:

Create a Kickstart Tree (Distribution) in #product().

Parameters:

- string sessionKey
- string treeLabel - The new kickstart tree label.
- string basePath - Path to the base or root of the kickstart tree.
- string channelLabel - Label of channel to associate with the kickstart tree.
- string installType - Label for KickstartInstallType (rhel_2.1, rhel_3, rhel_4, rhel_5, fedora_9).
- string kernelOptions - Options to be passed to the kernel when booting for the installation.
- string postKernelOptions - Options to be passed to the kernel when booting for the installation.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 486. Method: delete

HTTP POST

Description:

Delete a Kickstart Tree (Distribution) from #product().

Parameters:

- string sessionKey
- string treeLabel - Label for the kickstart tree to delete.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 487. Method: deleteTreeAndProfiles

HTTP POST

Description:

Delete a kickstarttree and any profiles associated with this kickstart tree. WARNING: This will delete all profiles associated with this kickstart tree!

Parameters:

- string sessionKey
- string treeLabel - Label for the kickstart tree to delete.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 488. Method: getDetails

HTTP GET

Description:

The detailed information about a kickstartable tree given the tree name.

Parameters:

- string sessionKey
- string treeLabel - Label of kickstartable tree to search.

Returns:

- * struct kickstartable tree
 - int "id"
 - string "label"
 - string "abs_path"
 - int "channel_id"
 - string "kernel_options"
 - string "post_kernel_options"
- struct kickstart install type
 - int "id"
 - string "label"
 - string "name"

Chapter 489. Method: list

HTTP POST

Description:

List the available kickstartable trees for the given channel.

Parameters:

- string sessionKey
- string channelLabel - Label of channel to search.

Returns:

- array :
- struct kickstartable tree
 - int "id"
 - string "label"
 - string "base_path"
 - int "channel_id"

Chapter 490. Method: listInstallTypes

HTTP GET

Description:

List the available kickstartable install types (rhel2,3,4,5 and fedora9+).

Parameters:

- string sessionKey

Returns:

- array :
- struct kickstart install type
 - int "id"
 - string "label"
 - string "name"

Chapter 491. Method: rename

HTTP POST

Description:

Rename a Kickstart Tree (Distribution) in #product().

Parameters:

- string sessionKey
- string originalLabel - Label for the kickstart tree to rename.
- string newLabel - The kickstart tree's new label.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 492. Method: update

HTTP POST

Description:

Edit a Kickstart Tree (Distribution) in `#product()`.

Parameters:

- string `sessionKey`
- string `treeLabel` - Label for the kickstart tree.
- string `basePath` - Path to the base or root of the kickstart tree.
- string `channelLabel` - Label of channel to associate with kickstart tree.
- string `installType` - Label for KickstartInstallType (`rhel_6`, `rhel_7`, `rhel_8`, `rhel_9`, `fedora_9`).

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 493. Method: update

HTTP POST

Description:

Edit a Kickstart Tree (Distribution) in `#product()`.

Parameters:

- string `sessionKey`
- string `treeLabel` - Label for the kickstart tree.
- string `basePath` - Path to the base or root of the kickstart tree.
- string `channelLabel` - Label of channel to associate with kickstart tree.
- string `installType` - Label for KickstartInstallType (`rhel_2.1`, `rhel_3`, `rhel_4`, `rhel_5`, `fedora_9`).
- string `kernelOptions` - Options to be passed to the kernel when booting for the installation.
- string `postKernelOptions` - Options to be passed to the kernel when booting for the installation.

Returns:

- int - 1 on success, exception thrown otherwise.

maintenance

Chapter 494. Available methods

- `assignScheduleToSystems`
- `createCalendar`
- `createCalendarWithUrl`
- `createSchedule`
- `createSchedule`
- `deleteCalendar`
- `deleteSchedule`
- `getCalendarDetails`
- `getScheduleDetails`
- `listCalendarLabels`
- `listScheduleNames`
- `listSystemsWithSchedule`
- `refreshCalendar`
- `retractScheduleFromSystems`
- `updateCalendar`
- `updateSchedule`

Chapter 495. Description

Provides methods to access and modify Maintenance Schedules related entities

Namespace:

maintenance

Chapter 496. Method: assignScheduleToSystems

HTTP POST

Description:

Assign schedule with given name to systems with given IDs. Throws a `PermissionCheckFailureException` when some of the systems are not accessible by the user. Throws a `InvalidParameterException` when some of the systems have pending actions that are not allowed in the maintenance mode.

Parameters:

- string `sessionKey`
- string `scheduleName` - The schedule name
- int array `sids` - system IDs
- string array `rescheduleStrategy` - available:
 - Cancel - cancel actions which are outside the maintenance windows
 - Fail - let assignment fail. No operation will be performed

Returns:

- int array number of involved systems

Chapter 497. Method: createCalendar

HTTP POST

Description:

Create a new maintenance calendar

Parameters:

- string sessionKey
- string label - maintenance calendar label
- string ical - ICal calendar data

Returns:

- array :
- struct maintenance calendar information
 - int "id"
 - int "orgId"
 - string "label"
 - string "url" - calendar url if present
 - string "ical"

Chapter 498. Method: createCalendarWithUrl

HTTP POST

Description:

Create a new maintenance calendar

Parameters:

- string sessionKey
- string label - maintenance calendar label
- string url - download URL for ICal calendar data

Returns:

- array :
- struct maintenance calendar information
 - int "id"
 - int "orgId"
 - string "label"
 - string "url" - calendar url if present
 - string "ical"

Chapter 499. Method: createSchedule

HTTP POST

Description:

Create a new maintenance Schedule

Parameters:

- string sessionKey
- string name - maintenance schedule name
- string type - schedule type: single, multi

Returns:

- array :
- struct maintenance schedule information
 - int "id"
 - int "orgId"
 - string "name"
 - string "type"
- struct maintenance calendar information
 - int "id"
 - int "orgId"
 - string "label"
 - string "url" - calendar url if present
 - string "ical"

Chapter 500. Method: createSchedule

HTTP POST

Description:

Create a new Maintenance Schedule

Parameters:

- string sessionKey
- string name - maintenance schedule name
- string type - schedule type: single, multi
- string calendar - maintenance calendar label

Returns:

- array :
- struct maintenance schedule information
 - int "id"
 - int "orgId"
 - string "name"
 - string "type"
- struct maintenance calendar information
 - int "id"
 - int "orgId"
 - string "label"
 - string "url" - calendar url if present
 - string "ical"

Chapter 501. Method: deleteCalendar

HTTP POST

Description:

Remove a maintenance calendar

Parameters:

- string `sessionKey`
- string `label` - maintenance calendar label
- boolean `cancelScheduledActions` - cancel actions of affected schedules

Returns:

- array :
- struct reschedule information
 - string `"strategy"` - selected strategy
 - string `"for_schedule_name"`
 - boolean `"status"`
 - string `"message"`
 - array `"actions"`
 - struct action information
 - int `"id"` - action ID
 - string `"name"` - action name
 - string `"type"` - action type
 - string `"scheduler"` - the user that scheduled the action (optional)
 - `dateTime.iso8601` `"earliest"` - the earliest date and time the action will be performed
 - int `"prerequisite"` - ID of the prerequisite action (optional)
 - int array `"affected_system_ids"` - affected system IDs
 - string `"details"` - action details string

Chapter 502. Method: deleteSchedule

HTTP POST

Description:

Remove a maintenance schedule

Parameters:

- string sessionKey
- string name - maintenance schedule name

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 503. Method: getCalendarDetails

HTTP POST

Description:

Lookup a specific maintenance schedule

Parameters:

- string sessionKey
- string label - maintenance calendar label

Returns:

- array :
- struct maintenance calendar information
 - int "id"
 - int "orgId"
 - string "label"
 - string "url" - calendar url if present
 - string "ical"

Chapter 504. Method: getScheduleDetails

HTTP POST

Description:

Lookup a specific maintenance schedule

Parameters:

- string sessionKey
- string name - maintenance Schedule Name

Returns:

- array :
- struct maintenance schedule information
 - int "id"
 - int "orgId"
 - string "name"
 - string "type"
- struct maintenance calendar information
 - int "id"
 - int "orgId"
 - string "label"
 - string "url" - calendar url if present
 - string "ical"

Chapter 505. Method: listCalendarLabels

HTTP POST

Description:

List schedule names visible to user

Parameters:

- string sessionKey

Returns:

- string array maintenance calendar labels

Chapter 506. Method: listScheduleNames

HTTP POST

Description:

List Schedule Names visible to user

Parameters:

- string sessionKey

Returns:

- string array maintenance schedule names

Chapter 507. Method: listSystemsWithSchedule

HTTP POST

Description:

List IDs of systems that have given schedule assigned Throws a `PermissionCheckFailureException` when some of the systems are not accessible by the user.

Parameters:

- string `sessionKey`
- string `scheduleName` - the schedule name

Returns:

- int array system IDs

Chapter 508. Method: refreshCalendar

HTTP POST

Description:

Refresh maintenance calendar data using the configured URL

Parameters:

- string sessionKey
- string label - maintenance calendar label
- string array rescheduleStrategy - available:
 - Cancel - cancel actions which are outside the maintenance windows
 - Fail - let update fail. The calendar stay untouched

Returns:

- array :
- struct reschedule information
 - string "strategy" - selected strategy
 - string "for_schedule_name"
 - boolean "status"
 - string "message"
 - array "actions"
 - struct action information
 - int "id" - action ID
 - string "name" - action name
 - string "type" - action type
 - string "scheduler" - the user that scheduled the action (optional)
 - dateTime.iso8601 "earliest" - the earliest date and time the action will be performed
 - int "prerequisite" - ID of the prerequisite action (optional)
 - int array "affected_system_ids" - affected system IDs
 - string "details" - action details string

Chapter 509. Method: retractScheduleFromSystems

HTTP POST

Description:

Retract schedule with given name from systems with given IDs Throws a `PermissionCheckFailureException` when some of the systems are not accessible by the user.

Parameters:

- string sessionKey
- int array sids - system IDs

Returns:

- int array number of involved systems

Chapter 510. Method: updateCalendar

HTTP POST

Description:

Update a maintenance calendar

Parameters:

- string `sessionKey`
- string `label` - maintenance calendar label
- struct `details` - maintenance calendar details
 - string `"ical"` - new ical calendar data
 - string `"url"` - new calendar URL
- string array `rescheduleStrategy` - available:
 - Cancel - cancel actions which are outside the maintenance windows
 - Fail - let update fail. The calendar stay untouched

Returns:

- array :
- struct `reschedule information`
 - string `"strategy"` - selected strategy
 - string `"for_schedule_name"`
 - boolean `"status"`
 - string `"message"`
 - array `"actions"`
 - struct `action information`
 - int `"id"` - action ID
 - string `"name"` - action name
 - string `"type"` - action type
 - string `"scheduler"` - the user that scheduled the action (optional)
 - `dateTime.iso8601` `"earliest"` - the earliest date and time the action will be performed

-
- int "prerequisite" - ID of the prerequisite action (optional)
 - int array "affected_system_ids" - affected system IDs
 - string "details" - action details string

Chapter 511. Method: updateSchedule

HTTP POST

Description:

Update a maintenance schedule

Parameters:

- string sessionKey
- string name - maintenance schedule name
- struct details - maintenance schedule details
 - string "type" - new schedule type
 - single
 - multi
 - string "calendar" - new calendar label
- string array rescheduleStrategy - available:
 - Cancel - cancel actions which are outside the maintenance windows
 - Fail - let update fail. The calendar stays untouched

Returns:

- * struct reschedule information
 - string "strategy" - selected strategy
 - string "for_schedule_name"
 - boolean "status"
 - string "message"
 - array "actions"
 - struct action information
 - int "id" - action ID
 - string "name" - action name
 - string "type" - action type
 - string "scheduler" - the user that scheduled the action (optional)

-
- `dateTime.iso8601 "earliest"` - the earliest date and time the action will be performed
 - `int "prerequisite"` - ID of the prerequisite action (optional)
 - `int array "affected_system_ids"` - affected system IDs
 - `string "details"` - action details string

Chapter 512. Available methods

- `create`
- `createFirst`
- `delete`
- `getClmSyncPatchesConfig`
- `getDetails`
- `getDetails`
- `getPolicyForScapFileUpload`
- `getPolicyForScapResultDeletion`
- `isContentStagingEnabled`
- `isErrataEmailNotifsForOrg`
- `isOrgConfigManagedByOrgAdmin`
- `listOrgs`
- `listUsers`
- `migrateSystems`
- `setClmSyncPatchesConfig`
- `setContentStaging`
- `setErrataEmailNotifsForOrg`
- `setOrgConfigManagedByOrgAdmin`
- `setPolicyForScapFileUpload`
- `setPolicyForScapResultDeletion`
- `transferSystems`
- `updateName`

Chapter 513. Description

Contains methods to access common organization management functions available from the web interface.

Namespace:

org

Chapter 514. Method: create

HTTP POST

Description:

Create a new organization and associated administrator account.

Parameters:

- string `sessionKey`
- string `orgName` - Organization name. Must meet same criteria as in the web UI.
- string `adminLogin` - New administrator login name.
- string `adminPassword` - New administrator password.
- string `prefix` - New administrator's prefix. Must match one of the values available in the web UI. (i.e. Dr., Mr., Mrs., Sr., etc.)
- string `firstName` - New administrator's first name.
- string `lastName` - New administrator's first name.
- string `email` - New administrator's e-mail.
- boolean `usePamAuth` - True if PAM authentication should be used for the new administrator account.

Returns:

- * struct organization info
 - int "id"
 - string "name"
 - int "active_users" - number of active users in the organization
 - int "systems" - number of systems in the organization
 - int "trusts" - number of trusted organizations
 - int "system_groups" - number of system groups in the organization (optional)
 - int "activation_keys" - number of activation keys in the organization (optional)
 - int "kickstart_profiles" - number of kickstart profiles in the organization (optional)
 - int "configuration_channels" - number of configuration channels in the organization (optional)
 - boolean "staging_content_enabled" - is staging content enabled in organization (optional)

Chapter 515. Method: createFirst

HTTP POST

Description:

Create first organization and user after initial setup without authentication

Parameters:

- string orgName - Organization name. Must meet same criteria as in the web UI.
- string adminLogin - New administrator login name.
- string adminPassword - New administrator password.
- string firstName - New administrator's first name.
- string lastName - New administrator's first name.
- string email - New administrator's e-mail.

Returns:

- * struct organization info
 - int "id"
 - string "name"
 - int "active_users" - number of active users in the organization
 - int "systems" - number of systems in the organization
 - int "trusts" - number of trusted organizations
 - int "system_groups" - number of system groups in the organization (optional)
 - int "activation_keys" - number of activation keys in the organization (optional)
 - int "kickstart_profiles" - number of kickstart profiles in the organization (optional)
 - int "configuration_channels" - number of configuration channels in the organization (optional)
 - boolean "staging_content_enabled" - is staging content enabled in organization (optional)

Chapter 516. Method: delete

HTTP POST

Description:

Delete an organization. The default organization (i.e. orgId=1) cannot be deleted.

Parameters:

- string sessionKey
- int orgId

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 517. Method: getClmSyncPatchesConfig

HTTP GET

Description:

Reads the content lifecycle management patch synchronization config option.

Parameters:

- string sessionKey
- int orgId

Returns:

- boolean status - Get the config option value

Chapter 518. Method: getDetails

HTTP GET

Description:

The detailed information about an organization given the organization ID.

Parameters:

- string sessionId
- int orgId

Returns:

- * struct organization info
 - int "id"
 - string "name"
 - int "active_users" - number of active users in the organization
 - int "systems" - number of systems in the organization
 - int "trusts" - number of trusted organizations
 - int "system_groups" - number of system groups in the organization (optional)
 - int "activation_keys" - number of activation keys in the organization (optional)
 - int "kickstart_profiles" - number of kickstart profiles in the organization (optional)
 - int "configuration_channels" - number of configuration channels in the organization (optional)
 - boolean "staging_content_enabled" - is staging content enabled in organization (optional)

Chapter 519. Method: getDetails

HTTP GET

Description:

The detailed information about an organization given the organization name.

Parameters:

- string sessionId
- string name

Returns:

- * struct organization info
 - int "id"
 - string "name"
 - int "active_users" - number of active users in the organization
 - int "systems" - number of systems in the organization
 - int "trusts" - number of trusted organizations
 - int "system_groups" - number of system groups in the organization (optional)
 - int "activation_keys" - number of activation keys in the organization (optional)
 - int "kickstart_profiles" - number of kickstart profiles in the organization (optional)
 - int "configuration_channels" - number of configuration channels in the organization (optional)
 - boolean "staging_content_enabled" - is staging content enabled in organization (optional)

Chapter 520. Method: getPolicyForScapFileUpload

HTTP GET

Description:

Get the status of SCAP detailed result file upload settings for the given organization.

Parameters:

- string sessionKey
- int orgId

Returns:

- struct scap_upload_info
 - boolean "enabled" - Aggregation of detailed SCAP results is enabled.
 - int "size_limit" - Limit (in Bytes) for a single SCAP file upload.

Chapter 521. Method: getPolicyForScapResultDeletion

HTTP GET

Description:

Get the status of SCAP result deletion settings for the given organization.

Parameters:

- string sessionKey
- int orgId

Returns:

- struct scap_deletion_info
 - boolean "enabled" - Deletion of SCAP results is enabled
 - int "retention_period" - Period (in days) after which a scan can be deleted (if enabled).

Chapter 522. Method: isContentStagingEnabled

HTTP GET

Description:

Get the status of content staging settings for the given organization. Returns true if enabled, false otherwise.

Parameters:

- string sessionKey
- int orgId

Returns:

- boolean status - Get the status of content staging settings

Chapter 523. Method: isErrataEmailNotifsForOrg

HTTP GET

Description:

Returns whether errata e-mail notifications are enabled for the organization

Parameters:

- string sessionKey
- int orgId

Returns:

- boolean status - Returns the status of the errata e-mail notification setting for the organization

Chapter 524. Method: isOrgConfigManagedByOrgAdmin

HTTP GET

Description:

Returns whether Organization Administrator is able to manage his organization configuration. This may have a high impact on general #product() performance.

Parameters:

- string sessionKey
- int orgId

Returns:

- boolean status - Returns the status org admin management setting

Chapter 525. Method: listOrgs

HTTP GET

Description:

Returns the list of organizations.

Parameters:

- string sessionKey

Returns:

- array :
- struct organization info
 - int "id"
 - string "name"
 - int "active_users" - number of active users in the organization
 - int "systems" - number of systems in the organization
 - int "trusts" - number of trusted organizations
 - int "system_groups" - number of system groups in the organization (optional)
 - int "activation_keys" - number of activation keys in the organization (optional)
 - int "kickstart_profiles" - number of kickstart profiles in the organization (optional)
 - int "configuration_channels" - number of configuration channels in the organization (optional)
 - boolean "staging_content_enabled" - is staging content enabled in organization (optional)

Chapter 526. Method: listUsers

HTTP GET

Description:

Returns the list of users in a given organization.

Parameters:

- string sessionKey
- int orgId

Returns:

- array :
- struct user
 - string "login"
 - string "login_uc"
 - string "name"
 - string "email"
 - boolean "is_org_admin"

Chapter 527. Method: migrateSystems (Deprecated)

HTTP POST

Description:

Transfer systems from one organization to another. If executed by a #product() administrator, the systems will be transferred from their current organization to the organization specified by the toOrgId. If executed by an organization administrator, the systems must exist in the same organization as that administrator and the systems will be transferred to the organization specified by the toOrgId. In any scenario, the origination and destination organizations must be defined in a trust.

Note: This method is deprecated and will be removed in a future API version. Please use transferSystems instead.

Deprecated - being replaced by org.transferSystems(User loggedInUser, Integer toOrgId, List(Integer) sids)

Parameters:

- string sessionKey
- int toOrgId - ID of the organization where the system(s) will be transferred to.
- int array sids

Returns:

- int array serverIdTransferred

Chapter 528. Method: setClmSyncPatchesConfig

HTTP POST

Description:

Sets the content lifecycle management patch synchronization config option.

Parameters:

- string sessionKey
- int orgId
- boolean value - The config option value

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 529. Method: setContentStaging

HTTP POST

Description:

Set the status of content staging for the given organization.

Parameters:

- string sessionKey
- int orgId
- boolean enable - Use true/false to enable/disable

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 530. Method: setErrataEmailNotifsForOrg

HTTP POST

Description:

Dis/enables errata e-mail notifications for the organization

Parameters:

- string sessionKey
- int orgId
- boolean enable - Use true/false to enable/disable

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 531. Method: setOrgConfigManagedByOrgAdmin

HTTP POST

Description:

Sets whether Organization Administrator can manage his organization configuration. This may have a high impact on general #product() performance.

Parameters:

- string sessionKey
- int orgId
- boolean enable - Use true/false to enable/disable

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 532. Method: setPolicyForScapFileUpload

HTTP POST

Description:

Set the status of SCAP detailed result file upload settings for the given organization.

Parameters:

- string sessionKey
- int orgId
- struct newSettings
 - boolean "enabled" - Aggregation of detailed SCAP results is enabled.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 533. Method: setPolicyForScapResultDeletion

HTTP POST

Description:

Set the status of SCAP result deletion settings for the given organization.

Parameters:

- string sessionKey
- int orgId
- struct newSettings
 - boolean "enabled" - Deletion of SCAP results is enabled
 - int "retention_period" - Period (in days) after which a scan can be deleted (if enabled).

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 534. Method: transferSystems

HTTP POST

Description:

Transfer systems from one organization to another. If executed by a #product() administrator, the systems will be transferred from their current organization to the organization specified by the toOrgId. If executed by an organization administrator, the systems must exist in the same organization as that administrator and the systems will be transferred to the organization specified by the toOrgId. In any scenario, the origination and destination organizations must be defined in a trust.

Parameters:

- string sessionKey
- int toOrgId - ID of the organization where the system(s) will be transferred to.
- int array sids

Returns:

- int array serverIdTransferred

Chapter 535. Method: updateName

HTTP POST

Description:

Updates the name of an organization

Parameters:

- string sessionKey
- int orgId
- string name - Organization name. Must meet same criteria as in the web UI.

Returns:

- * struct organization info
 - int "id"
 - string "name"
 - int "active_users" - number of active users in the organization
 - int "systems" - number of systems in the organization
 - int "trusts" - number of trusted organizations
 - int "system_groups" - number of system groups in the organization (optional)
 - int "activation_keys" - number of activation keys in the organization (optional)
 - int "kickstart_profiles" - number of kickstart profiles in the organization (optional)
 - int "configuration_channels" - number of configuration channels in the organization (optional)
 - boolean "staging_content_enabled" - is staging content enabled in organization (optional)

Chapter 536. Available methods

- `addTrust`
- `getDetails`
- `listChannelsConsumed`
- `listChannelsProvided`
- `listOrgs`
- `listSystemsAffected`
- `listTrusts`
- `removeTrust`

Chapter 537. Description

Contains methods to access common organization trust information available from the web interface.

Namespace:

org.trusts

Chapter 538. Method: addTrust

HTTP POST

Description:

Add an organization to the list of trusted organizations.

Parameters:

- string sessionKey
- int orgId
- int trustOrgId

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 539. Method: getDetails

HTTP GET

Description:

The trust details about an organization given the organization's ID.

Parameters:

- string sessionKey
- int orgId - Id of the trusted organization

Returns:

- struct org trust details
 - dateTime.iso8601 "created" - Date the organization was created
 - dateTime.iso8601 "trusted_since" - Date the organization was defined as trusted
 - int "channels_provided" - Number of channels provided by the organization.
 - int "channels_consumed" - Number of channels consumed by the organization.
 - int "systems_migrated_to" - (Deprecated by systems_transferred_to) Number of systems transferred to the organization.
 - int "systems_migrated_from" - (Deprecated by systems_transferred_from) Number of systems transferred from the organization.
 - int "systems_transferred_to" - Number of systems transferred to the organization.
 - int "systems_transferred_from" - Number of systems transferred from the organization.

Chapter 540. Method: listChannelsConsumed

HTTP GET

Description:

Lists all software channels that the organization given may consume from the user's organization.

Parameters:

- string sessionKey
- int orgId - Id of the trusted organization

Returns:

- array :
 - struct channel info
 - int "channel_id"
 - string "channel_name"
 - int "packages"
 - int "systems"

Chapter 541. Method: listChannelsProvided

HTTP GET

Description:

Lists all software channels that the organization given is providing to the user's organization.

Parameters:

- string sessionKey
- int orgId - Id of the trusted organization

Returns:

- array :
 - struct channel info
 - int "channel_id"
 - string "channel_name"
 - int "packages"
 - int "systems"

Chapter 542. Method: listOrgs

HTTP GET

Description:

List all organizations trusted by the user's organization.

Parameters:

- string sessionKey

Returns:

- array :
- struct trusted organizations
 - int "org_id"
 - string "org_name"
 - int "shared_channels"

Chapter 543. Method: listSystemsAffected

HTTP GET

Description:

Get a list of systems within the trusted organization that would be affected if the trust relationship was removed. This basically lists systems that are sharing at least (1) package.

Parameters:

- string sessionKey
- int orgId
- string trustOrgId

Returns:

- array :
 - struct affected systems
 - int "systemId"
 - string "systemName"

Chapter 544. Method: listTrusts

HTTP GET

Description:

Returns the list of trusted organizations.

Parameters:

- string sessionKey
- int orgId

Returns:

- array :
- struct trusted organizations
 - int "orgId"
 - string "orgName"
 - boolean "trustEnabled"

Chapter 545. Method: removeTrust

HTTP POST

Description:

Remove an organization to the list of trusted organizations.

Parameters:

- string sessionKey
- int orgId
- int trustOrgId

Returns:

- int - 1 on success, exception thrown otherwise.

packages

Chapter 546. Available methods

- [findByNvrea](#)
- [getDetails](#)
- [getPackage](#)
- [getPackageUrl](#)
- [listChangelog](#)
- [listDependencies](#)
- [listFiles](#)
- [listProvidingChannels](#)
- [listProvidingErrata](#)
- [listSourcePackages](#)
- [removePackage](#)
- [removeSourcePackage](#)

Chapter 547. Description

Methods to retrieve information about the Packages contained within this server.

Namespace:

packages

Chapter 548. Method: findByNvrea

HTTP GET

Description:

Lookup the details for packages with the given name, version, release, architecture label, and (optionally) epoch.

Parameters:

- string sessionKey
- string name
- string version
- string release
- string epoch - If set to something other than empty string, strict matching will be used and the epoch string must be correct. If set to an empty string, if the epoch is null or there is only one NVRA combination, it will be returned. (Empty string is recommended.)
- string archLabel

Returns:

- array :
- struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - int "id"
 - string "arch_label"
 - dateTime.iso8601 "last_modified"
 - string "path" - the path on that file system that the package resides
 - boolean "part_of_retracted_patch" - true if the package is a part of a retracted patch
 - string "provider" - the provider of the package, determined by the gpg key it was signed with.

Chapter 549. Method: getDetails

HTTP GET

Description:

Retrieve details for the package with the ID.

Parameters:

- string sessionKey
- int pid

Returns:

- struct package
 - int "id"
 - string "name"
 - string "epoch"
 - string "version"
 - string "release"
 - string "arch_label"
 - string array "providing_channels" - Channel label providing this package.
 - string "build_host"
 - string "description"
 - string "checksum"
 - string "checksum_type"
 - string "vendor"
 - string "summary"
 - string "cookie"
 - string "license"
 - string "file"
 - string "build_date"
 - string "last_modified_date"

-
- string "size"
 - string "path" - The path on the Uyuni server's file system that the package resides.
 - string "payload_size"

Chapter 550. Method: `getPackage`

HTTP GET

Description:

Retrieve the package file associated with a package. (Consider using `#getPackageUrl` for larger files.)

Parameters:

- string `sessionKey`
- int `pid`

Returns:

- byte array binary object - package file

Chapter 551. Method: getPackageUrl

HTTP GET

Description:

Retrieve the url that can be used to download a package. This will expire after a certain time period.

Parameters:

- string sessionKey
- int pid

Returns:

- string - the download url

Chapter 552. Method: listChangelog

HTTP GET

Description:

List the change log for a package.

Parameters:

- string sessionKey
- int pid

Returns:

- string

Chapter 553. Method: listDependencies

HTTP GET

Description:

List the dependencies for a package.

Parameters:

- string sessionKey
- int pid

Returns:

- array :
 - struct dependency
 - string "dependency"
 - string "dependency_type" - One of the following:
 - requires
 - conflicts
 - obsoletes
 - provides
 - recommends
 - suggests
 - supplements
 - enhances
 - predepends
 - breaks
 - string "dependency_modifier"

Chapter 554. Method: listFiles

HTTP GET

Description:

List the files associated with a package.

Parameters:

- string sessionKey
- int pid

Returns:

- array :
 - struct file info
 - string "path"
 - string "type"
 - string "last_modified_date"
 - string "checksum"
 - string "checksum_type"
 - int "size"
 - string "linkto"

Chapter 555. Method: listProvidingChannels

HTTP GET

Description:

List the channels that provide the a package.

Parameters:

- string sessionKey
- int pid

Returns:

- array :
 - struct channel
 - string "label"
 - string "parent_label"
 - string "name"

Chapter 556. Method: listProvidingErrata

HTTP GET

Description:

List the errata providing the a package.

Parameters:

- string sessionKey
- int pid

Returns:

- array :
 - struct errata
 - string "advisory"
 - string "issue_date"
 - string "last_modified_date"
 - string "update_date"
 - string "synopsis"
 - string "type"

Chapter 557. Method: listSourcePackages

HTTP GET

Description:

List all source packages in user's organization.

Parameters:

- string sessionKey

Returns:

- array :
 - struct source_package
 - int "id"
 - string "name"

Chapter 558. Method: removePackage

HTTP POST

Description:

Remove a package from #product().

Parameters:

- string sessionKey
- int pid

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 559. Method: removeSourcePackage

HTTP POST

Description:

Remove a source package.

Parameters:

- string sessionKey
- int psid - package source ID

Returns:

- int - 1 on success, exception thrown otherwise.

packages.provider

Chapter 560. Available methods

- `associateKey`
- `list`
- `listKeys`

Chapter 561. Description

Methods to retrieve information about Package Providers associated with packages.

Namespace:

packages.provider

Chapter 562. Method: associateKey

HTTP POST

Description:

Associate a package security key and with the package provider. If the provider or key doesn't exist, it is created. User executing the request must be a #product() administrator.

Parameters:

- string sessionKey
- string providerName - The provider name
- string key - The actual key
- string type - The type of the key. Currently, only 'gpg' is supported

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 563. Method: list

HTTP POST

Description:

List all Package Providers. User executing the request must be a #product() administrator.

Parameters:

- string sessionKey

Returns:

- array :
- struct package provider
 - string "name"
 - array "keys"
- struct package security key
 - string "key"
 - string "type"

Chapter 564. Method: listKeys

HTTP GET

Description:

List all security keys associated with a package provider. User executing the request must be a #product() administrator.

Parameters:

- string sessionKey
- string providerName - The provider name

Returns:

- array :
- struct package security key
 - string "key"
 - string "type"

Chapter 565. Available methods

- `advanced`
- `advancedWithActKey`
- `advancedWithChannel`
- `name`
- `nameAndDescription`
- `nameAndSummary`

Chapter 566. Description

Methods to interface to package search capabilities in search server..

Namespace:

packages.search

Chapter 567. Method: advanced

HTTP GET

Description:

Advanced method to search lucene indexes with a passed in query written in Lucene Query Parser syntax. Lucene Query Parser syntax is defined at http://lucene.apache.org/java/3_5_0/queryparsersyntax.html_blank lucene.apache.org. Fields searchable for Packages: name, epoch, version, release, arch, description, summary Lucene Query Example: "name:kernel AND version:2.6.18 AND -description:devel"

Parameters:

- string sessionKey
- string luceneQuery - a query written in the form of Lucene QueryParser Syntax

Returns:

- array :
- struct package overview
 - int "id"
 - string "name"
 - string "summary"
 - string "description"
 - string "version"
 - string "release"
 - string "arch"
 - string "epoch"
 - string "provider"

Chapter 568. Method: advancedWithActKey

HTTP GET

Description:

Advanced method to search lucene indexes with a passed in query written in Lucene Query Parser syntax, additionally this method will limit results to those which are associated with a given activation key. Lucene Query Parser syntax is defined at http://lucene.apache.org/java/3_5_0/queryparsersyntax.html_blank lucene.apache.org. Fields searchable for Packages: name, epoch, version, release, arch, description, summary
Lucene Query Example: "name:kernel AND version:2.6.18 AND -description:devel"

Parameters:

- string sessionKey
- string luceneQuery - a query written in the form of Lucene QueryParser Syntax
- string activationKey - activation key to look for packages in

Returns:

- array :
- struct package overview
 - int "id"
 - string "name"
 - string "summary"
 - string "description"
 - string "version"
 - string "release"
 - string "arch"
 - string "epoch"
 - string "provider"

Chapter 569. Method: advancedWithChannel

HTTP GET

Description:

Advanced method to search lucene indexes with a passed in query written in Lucene Query Parser syntax, additionally this method will limit results to those which are in the passed in channel label. Lucene Query Parser syntax is defined at http://lucene.apache.org/java/3_5_0/queryparsersyntax.html_blank lucene.apache.org. Fields searchable for Packages: name, epoch, version, release, arch, description, summary
Lucene Query Example: "name:kernel AND version:2.6.18 AND -description:devel"

Parameters:

- string sessionKey
- string luceneQuery - a query written in the form of Lucene QueryParser Syntax
- string channelLabel - the channel Label

Returns:

- array :
- struct package overview
 - int "id"
 - string "name"
 - string "summary"
 - string "description"
 - string "version"
 - string "release"
 - string "arch"
 - string "epoch"
 - string "provider"

Chapter 570. Method: name

HTTP GET

Description:

Search the lucene package indexes for all packages which match the given name.

Parameters:

- string sessionKey
- string name - package name to search for

Returns:

- array :
- struct package overview
 - int "id"
 - string "name"
 - string "summary"
 - string "description"
 - string "version"
 - string "release"
 - string "arch"
 - string "epoch"
 - string "provider"

Chapter 571. Method: nameAndDescription

HTTP GET

Description:

Search the lucene package indexes for all packages which match the given query in name or description

Parameters:

- string sessionKey
- string query - text to match in package name or description

Returns:

- array :
- struct package overview
 - int "id"
 - string "name"
 - string "summary"
 - string "description"
 - string "version"
 - string "release"
 - string "arch"
 - string "epoch"
 - string "provider"

Chapter 572. Method: nameAndSummary

HTTP GET

Description:

Search the lucene package indexes for all packages which match the given query in name or summary.

Parameters:

- string sessionKey
- string query - text to match in package name or summary

Returns:

- array :
- struct package overview
 - int "id"
 - string "name"
 - string "summary"
 - string "description"
 - string "version"
 - string "release"
 - string "arch"
 - string "epoch"
 - string "provider"

Chapter 573. Available methods

- `listLocales`
- `listTimeZones`
- `setLocale`
- `setTimeZone`

Chapter 574. Description

Provides methods to access and modify user locale information

Namespace:

preferences.locale

Chapter 575. Method: listLocales

HTTP GET

Description:

Returns a list of all understood locales. Can be used as input to setLocale.

Parameters:

Returns:

- string array Locale code.

Chapter 576. Method: listTimeZones

HTTP GET

Description:

Returns a list of all understood timezones. Results can be used as input to setTimeZone.

Parameters:

Returns:

- array :
- struct timezone
 - int "time_zone_id" - unique identifier for timezone
 - string "olson_name" - name as identified by the Olson database

Chapter 577. Method: setLocale

HTTP POST

Description:

Set a user's locale.

Parameters:

- string sessionKey
- string login - User's login name.
- string locale - Locale to set. (from listLocales)

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 578. Method: setTimeZone

HTTP POST

Description:

Set a user's timezone.

Parameters:

- string sessionKey
- string login - User's login name.
- int tzid - Timezone ID. (from listTimeZones)

Returns:

- int - 1 on success, exception thrown otherwise.

proxy

Chapter 579. Available methods

- `activateProxy`
- `bootstrapProxy`
- `bootstrapProxy`
- `bootstrapProxy`
- `containerConfig`
- `containerConfig`
- `createMonitoringScout`
- `deactivateProxy`
- `isProxy`
- `listAvailableProxyChannels`
- `listProxies`
- `listProxyClients`

Chapter 580. Description

Provides methods to activate/deactivate a proxy server.

Namespace:

proxy

Chapter 581. Method: activateProxy

HTTP POST

Description:

Activates the proxy identified by the given client certificate i.e. systemid file.

Parameters:

- string clientcert - client certificate file
- string version - Version of proxy to be registered.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 582. Method: bootstrapProxy

HTTP POST

Description:

Deploy a proxy container on given salt minion. It expects that the images are installed as RPMs.

Parameters:

- string sessionKey
- int hostId - The ID of the target minion
- string parentFqdn - The FQDN of the server the proxy uses
- int proxyPort - The SSH port the proxy listens on
- int maxCache - The maximum memory cache size
- string email - The email of proxy admin
- string rootCA - CA certificate in PEM format
- string array intermediateCAs - A list of intermediate CAs in PEM format
- string proxyCert - Proxy certificate in PEM format
- string proxyKey - Proxy private key in PEM format

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 583. Method: bootstrapProxy

HTTP POST

Description:

Deploy a proxy container on given salt minion. Use the given registry for the images.

Parameters:

- string sessionKey
- int hostId - The ID of the target minion
- string parentFqdn - The FQDN of the server the proxy uses
- int proxyPort - The SSH port the proxy listens on
- int maxCache - The maximum memory cache size
- string email - The email of proxy admin
- string rootCA - CA certificate in PEM format
- string array intermediateCAs - A list of intermediate CAs in PEM format
- string proxyCert - Proxy certificate in PEM format
- string proxyKey - Proxy private key in PEM format
- string registryBaseURL - Image registry (e.g. <https://registry.opensuse.org/uyuni/>)
- string registryBaseTag - Image tag (e.g. latest)

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 584. Method: bootstrapProxy

HTTP POST

Description:

Deploy a proxy container on given salt minion. Allows individual registry for each image.

Parameters:

- string sessionKey
- int hostId - The ID of the target minion
- string parentFqdn - The FQDN of the server the proxy uses
- int proxyPort - The SSH port the proxy listens on
- int maxCache - The maximum memory cache size
- string email - The email of proxy admin
- string rootCA - CA certificate in PEM format
- string array intermediateCAs - A list of intermediate CAs in PEM format
- string proxyCert - Proxy certificate in PEM format
- string proxyKey - Proxy private key in PEM format
- string registryHttpdURL - Httpd image registry
- string registryHttpdTag - Httpd image tag
- string registrySaltbrokerURL - Salt broker image registry
- string registrySaltbrokerTag - Salt broker image tag
- string registrySquidURL - Squid image registry
- string registrySquidTag - Squid image tag
- string registrySshURL - Ssh image registry
- string registrySshTag - Ssh image tag
- string registryTftpdURL - Tftpd image registry
- string registryTftpdTag - Tftpd image tag

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 585. Method: containerConfig

HTTP POST

Description:

Compute and download the configuration for proxy containers

Parameters:

- string sessionKey
- string proxyName - The FQDN of the proxy
- int proxyPort - The SSH port the proxy listens on
- string server - The server FQDN the proxy will connect to
- int maxCache - Max cache size in MB
- string email - The proxy admin email
- string rootCA - The root CA used to sign the SSL certificate in PEM format
- string array intermediateCAs - intermediate CAs used to sign the SSL certificate in PEM format
- string proxyCrt - proxy CRT content in PEM format
- string proxyKey - proxy SSL private key in PEM format

Returns:

- byte array binary object - package file

Chapter 586. Method: containerConfig

HTTP POST

Description:

Compute and download the configuration for proxy containers

Parameters:

- string sessionKey
- string proxyName - The FQDN of the proxy
- int proxyPort - The SSH port the proxy listens on
- string server - The server FQDN the proxy will connect to
- int maxCache - Max cache size in MB
- string email - The proxy admin email
- string caCrt - CA certificate to use to sign the SSL certificate in PEM format
- string caKey - CA private key to use to sign the SSL certificate in PEM format
- string caPassword - The CA private key password
- string array cnames - Proxy alternate cnames to set in the SSL certificate
- string country - The 2-letter country code to set in the SSL certificate
- string state - The state to set in the SSL certificate
- string city - The city to set in the SSL certificate
- string org - The organization to set in the SSL certificate
- string orgUnit - The organization unit to set in the SSL certificate
- string sslEmail - The email to set in the SSL certificate

Returns:

- byte array binary object - package file

Chapter 587. Method: createMonitoringScout

HTTP POST

Description:

Create Monitoring Scout for proxy.

Parameters:

- string clientcert - client certificate file

Returns:

- string

Available since API version: 10.7

Chapter 588. Method: deactivateProxy

HTTP POST

Description:

Deactivates the proxy identified by the given client certificate i.e. systemid file.

Parameters:

- string clientcert - client certificate file

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 589. Method: isProxy

HTTP GET

Description:

Test, if the system identified by the given client certificate i.e. systemid file, is proxy.

Parameters:

- string clientcert - client certificate file

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 590. Method: listAvailableProxyChannels

HTTP GET

Description:

List available version of proxy channel for system identified by the given client certificate i.e. systemid file.

Parameters:

- string clientcert - client certificate file

Returns:

- string array version

Available since API version: 10.5

Chapter 591. Method: listProxies

HTTP GET

Description:

List the proxies within the user's organization.

Parameters:

- string sessionKey

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time

Chapter 592. Method: listProxyClients

HTTP GET

Description:

List the clients directly connected to a given Proxy.

Parameters:

- string sessionKey
- int proxyId - the Proxy ID

Returns:

- int array clientId

recurring

Chapter 593. Available methods

- `delete`
- `listByEntity`
- `lookupById`

Chapter 594. Description

Provides methods to handle recurring actions for minions, system groups and organizations.

Namespace:

recurring

Chapter 595. Method: delete

HTTP POST

Description:

Delete a recurring action with the given action ID.

Parameters:

- string sessionKey
- int id - the action ID

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 596. Method: listByEntity

HTTP GET

Description:

Return a list of recurring actions for a given entity.

Parameters:

- string `sessionKey`
- string `"type"` - the type of the target entity. One of the following:
 - `minion`
 - `group`
 - `org`
- int `id` - the ID of the target entity

Returns:

- array :
- struct recurring action information (some fields may be absent for some action types)
 - int `"id"`
 - string `"name"`
 - int `"entity_id"`
 - string `"entity_type"`
 - string `"cron_expr"`
 - dateTime.iso8601 `"created"`
 - string `"creator"`
 - boolean `"test"`
 - string array `"states"` - the ordered list of states to be executed by a custom state action
 - string `"extra_vars"`
 - boolean `"flush_cache"`
 - string `"inventory_path"`
 - string `"playbook_path"`

-
- boolean "active"

Chapter 597. Method: lookupById

HTTP GET

Description:

Find a recurring action with the given action ID.

Parameters:

- string sessionKey
- int id - the action ID

Returns:

- * struct recurring action information (some fields may be absent for some action types)
 - int "id"
 - string "name"
 - int "entity_id"
 - string "entity_type"
 - string "cron_expr"
 - dateTime.iso8601 "created"
 - string "creator"
 - boolean "test"
 - string array "states" - the ordered list of states to be executed by a custom state action
 - string "extra_vars"
 - boolean "flush_cache"
 - string "inventory_path"
 - string "playbook_path"
 - boolean "active"

Chapter 598. Available methods

- `create`
- `listAvailable`
- `update`

Chapter 599. Description

Provides methods to handle recurring custom states for minions, system groups and organizations.

Namespace:

recurring.custom

Chapter 600. Method: create

HTTP POST

Description:

Create a new recurring custom state action.

Parameters:

- string `sessionKey`
- struct `actionProps`
 - string `"entity_type"` - the type of the target entity. One of the following:
 - `minion`
 - `group`
 - `org`
 - int `"entity_id"` - the ID of the target entity
 - string `"name"` - the name of the recurring action
 - string `"cron_expr"` - the execution frequency of the action as a cron expression
 - string array `"states"` - the ordered list of custom state names to be executed
 - boolean `"test"` - whether the action should be executed in test mode (optional)

Returns:

- int `id` - the ID of the newly created recurring action

Chapter 601. Method: listAvailable

HTTP GET

Description:

List all the custom states available to the user.

Parameters:

- string sessionKey

Returns:

- string array the list of custom channels available to the user

Chapter 602. Method: update

HTTP POST

Description:

Update a recurring custom state action.

Parameters:

- string sessionKey
- struct actionProps
 - int "id" - the ID of the action to update
 - string "name" - the name of the action (optional)
 - string "cron_expr" - the execution frequency of the action (optional)
 - string array "states" - the ordered list of custom state names to be executed (optional)
 - boolean "test" - whether the action should be executed in test mode (optional)
 - boolean "active" - whether the action should be active (optional)

Returns:

- int id - the ID of the updated recurring action

Chapter 603. Available methods

- create
- update

Chapter 604. Description

Provides methods to handle recurring highstates for minions, system groups and organizations.

Namespace:

recurring.highstate

Chapter 605. Method: create

HTTP POST

Description:

Create a new recurring highstate action.

Parameters:

- string `sessionKey`
- struct `actionProps`
 - string `"entity_type"` - the type of the target entity. One of the following:
 - `minion`
 - `group`
 - `org`
 - int `"entity_id"` - the ID of the target entity
 - string `"name"` - the name of the recurring action
 - string `"cron_expr"` - the execution frequency of the action as a cron expression
 - boolean `"test"` - whether the action should be executed in test mode (optional)

Returns:

- int `id` - the ID of the newly created recurring action

Chapter 606. Method: update

HTTP POST

Description:

Update the properties of a recurring highstate action.

Parameters:

- string sessionKey
- struct actionProps
 - int "id" - the ID of the action to update
 - string "name" - the name of the action (optional)
 - string "cron_expr" - the execution frequency of the action (optional)
 - boolean "test" - whether the action should be executed in test mode (optional)
 - boolean "active" - whether the action should be active (optional)

Returns:

- int id - the ID of the updated recurring action

Chapter 607. Available methods

- create
- update

Chapter 608. Description

Provides methods to handle recurring ansible playbook execution for minions, system groups and organizations.

Namespace:

recurring.playbook

Chapter 609. Method: create

HTTP POST

Description:

Create a new recurring Ansible playbook action.

Parameters:

- string sessionKey
- struct actionProps
 - int "entity_id" - the ID of the target entity
 - string "name" - the name of the recurring action
 - string "cron_expr" - the execution frequency of the action as a cron expression
 - string "extra_vars" - extra variables to override existing vars or create new ones (optional)
 - boolean "flush_cache" - whether the Ansible cache should be flushed (optional)
 - string "inventory_path" - the path to the configured Ansible inventory
 - string "playbook_path" - the path to the playbook to be executed
 - boolean "test" - whether the action should be executed in test mode (optional)

Returns:

- int id - the ID of the newly created recurring action

Chapter 610. Method: update

HTTP POST

Description:

Update a recurring Ansible playbook action.

Parameters:

- string sessionKey
- struct actionProps
 - int "id" - the ID of the action to update
 - string "name" - the name of the action (optional)
 - string "cron_expr" - the execution frequency of the action (optional)
 - string "extra_vars" - extra variables to override existing vars or create new ones (optional)
 - boolean "flush_cache" - whether the Ansible cache should be flushed (optional)
 - string "inventory_path" - the path to the configured Ansible inventory (optional)
 - string "playbook_path" - the path to the playbook to be executed (optional)
 - boolean "test" - whether the action should be executed in test mode (optional)
 - boolean "active" - whether the action should be active (optional)

Returns:

- int id - the ID of the updated recurring action

recurringaction

Chapter 611. Available methods

- `create`
- `delete`
- `listByEntity`
- `lookupById`
- `update`

Chapter 612. Description

Provides methods to handle recurring actions for minions, system groups and organizations.

Deprecated - This namespace will be removed in a future API version. To work with recurring actions, please check out the newer 'recurring' namespace.

Namespace:

recurringaction

Chapter 613. Method: create (Deprecated)

HTTP POST

Description:

Create a new recurring highstate action.

Deprecated - This method will be removed in a future API version. To create recurring actions, please use either 'recurring.highstate.create' or 'recurring.custom.create' instead.

Parameters:

- string `sessionKey`
- struct `actionProps`
 - string `"entity_type"` - the type of the target entity. One of the following:
 - `minion`
 - `group`
 - `org`
 - int `"entity_id"` - the ID of the target entity
 - string `"name"` - the name of the action
 - string `"cron_expr"` - the execution frequency of the action
 - boolean `"test"` - whether the action should be executed in test mode (optional)

Returns:

- int `id` - the ID of the recurring action

Chapter 614. Method: delete (Deprecated)

HTTP POST

Description:

Delete a recurring action with the given action ID.

Deprecated - This method will be removed in a future API version. To work with recurring actions, please check out the newer 'recurring' namespace.

Parameters:

- string sessionKey
- int actionId - the action ID

Returns:

- int id - the ID of the recurring action

Chapter 615. Method: listByEntity (Deprecated)

HTTP GET

Description:

Return a list of recurring actions for a given entity.

Deprecated - This method will be removed in a future API version. To work with recurring actions, please check out the newer 'recurring' namespace.

Parameters:

- string `sessionKey`
- string `"entityType"` - the type of the target entity. One of the following:
 - `MINION`
 - `GROUP`
 - `ORG`
- int `entityId` - the ID of the target entity

Returns:

- array :
- struct recurring action information (some fields may be absent for some action types)
 - int `"id"`
 - string `"name"`
 - int `"entity_id"`
 - string `"entity_type"`
 - string `"cron_expr"`
 - dateTime.iso8601 `"created"`
 - string `"creator"`
 - boolean `"test"`
 - string array `"states"` - the ordered list of states to be executed by a custom state action
 - boolean `"active"`

Chapter 616. Method: lookupById (Deprecated)

HTTP GET

Description:

Find a recurring action with the given action ID.

Deprecated - This method will be removed in a future API version. To work with recurring actions, please check out the newer 'recurring' namespace.

Parameters:

- string sessionKey
- int actionId - the action ID

Returns:

- * struct recurring action information (some fields may be absent for some action types)
 - int "id"
 - string "name"
 - int "entity_id"
 - string "entity_type"
 - string "cron_expr"
 - dateTime.iso8601 "created"
 - string "creator"
 - boolean "test"
 - string array "states" - the ordered list of states to be executed by a custom state action
 - boolean "active"

Chapter 617. Method: update (Deprecated)

HTTP POST

Description:

Update a recurring highstate action.

Deprecated - This method will be removed in a future API version. To update recurring actions, please use either 'recurring.highstate.update' or 'recurring.custom.update' instead.

Parameters:

- string `sessionKey`
- struct `actionProps`
 - int `"id"` - the ID of the action to update
 - string `"name"` - the name of the action (optional)
 - string `"cron_expr"` - the execution frequency of the action (optional)
 - boolean `"test"` - whether the action should be executed in test mode (optional)
 - boolean `"active"` - whether the action should be active (optional)

Returns:

- int `id` - the ID of the recurring action

Chapter 618. Available methods

- `accept`
- `acceptedList`
- `delete`
- `deniedList`
- `pendingList`
- `reject`
- `rejectedList`

Chapter 619. Description

Provides methods to manage salt keys

Namespace:

saltkey

Chapter 620. Method: accept

HTTP POST

Description:

Accept a minion key

Parameters:

- string sessionKey
- string minionId

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 621. Method: acceptedList

HTTP GET

Description:

List accepted salt keys

Parameters:

- string sessionKey

Returns:

- string array Accepted salt key list

Chapter 622. Method: delete

HTTP POST

Description:

Delete a minion key

Parameters:

- string sessionKey
- string minionId

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 623. Method: deniedList

HTTP GET

Description:

List of denied salt keys

Parameters:

- string sessionKey

Returns:

- string array Denied salt key list

Chapter 624. Method: pendingList

HTTP GET

Description:

List pending salt keys

Parameters:

- string sessionKey

Returns:

- string array Pending salt key list

Chapter 625. Method: reject

HTTP POST

Description:

Reject a minion key

Parameters:

- string sessionKey
- string minionId

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 626. Method: rejectedList

HTTP GET

Description:

List of rejected salt keys

Parameters:

- string sessionKey

Returns:

- string array Rejected salt key list

schedule

Chapter 627. Available methods

- `archiveActions`
- `cancelActions`
- `deleteActions`
- `failSystemAction`
- `failSystemAction`
- `listAllActions`
- `listAllArchivedActions`
- `listAllCompletedActions`
- `listArchivedActions`
- `listCompletedActions`
- `listCompletedSystems`
- `listFailedActions`
- `listFailedSystems`
- `listInProgressActions`
- `listInProgressSystems`
- `rescheduleActions`

Chapter 628. Description

Methods to retrieve information about scheduled actions.

Namespace:

schedule

Chapter 629. Method: archiveActions

HTTP POST

Description:

Archive all actions in the given list.

Parameters:

- string sessionKey
- int array actionIds

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 630. Method: cancelActions

HTTP POST

Description:

Cancel all actions in given list. If an invalid action is provided, none of the actions given will be canceled.

Parameters:

- string sessionKey
- int array actionIds

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 631. Method: deleteActions

HTTP POST

Description:

Delete all archived actions in the given list.

Parameters:

- string sessionKey
- int array actionIds

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 632. Method: failSystemAction

HTTP POST

Description:

Fail specific event on specified system

Parameters:

- string sessionKey
- int sid
- int actionId

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 633. Method: failSystemAction

HTTP POST

Description:

Fail specific event on specified system

Parameters:

- string sessionKey
- int sid
- int actionId
- string message

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 634. Method: listAllActions

HTTP GET

Description:

Returns a list of all actions. This includes completed, in progress, failed and archived actions.

Parameters:

- string sessionKey

Returns:

- array :
- struct action
 - int "id" - action ID
 - string "name" - action name
 - string "type" - action type
 - string "scheduler" - the user that scheduled the action (optional)
 - dateTime.iso8601 "earliest" - the earliest date and time the action will be performed
 - int "prerequisite" - ID of the prerequisite action (optional)
 - int "completedSystems" - number of systems that completed the action
 - int "failedSystems" - number of systems that failed the action
 - int "inProgressSystems" - number of systems that are in progress

Chapter 635. Method: listAllArchivedActions

HTTP GET

Description:

Returns a list of actions that have been archived.

Parameters:

- string sessionKey

Returns:

- array :
- struct action
 - int "id" - action ID
 - string "name" - action name
 - string "type" - action type
 - string "scheduler" - the user that scheduled the action (optional)
 - dateTime.iso8601 "earliest" - the earliest date and time the action will be performed
 - int "prerequisite" - ID of the prerequisite action (optional)
 - int "completedSystems" - number of systems that completed the action
 - int "failedSystems" - number of systems that failed the action
 - int "inProgressSystems" - number of systems that are in progress

Chapter 636. Method: listAllCompletedActions

HTTP GET

Description:

Returns a list of actions that have been completed.

Parameters:

- string sessionKey

Returns:

- array :
- struct action
 - int "id" - action ID
 - string "name" - action name
 - string "type" - action type
 - string "scheduler" - the user that scheduled the action (optional)
 - dateTime.iso8601 "earliest" - the earliest date and time the action will be performed
 - int "prerequisite" - ID of the prerequisite action (optional)
 - int "completedSystems" - number of systems that completed the action
 - int "failedSystems" - number of systems that failed the action
 - int "inProgressSystems" - number of systems that are in progress

Chapter 637. Method: listArchivedActions

HTTP GET

Description:

Returns a list of actions that have been archived.

Parameters:

- string sessionKey

Returns:

- array :
- struct action
 - int "id" - action ID
 - string "name" - action name
 - string "type" - action type
 - string "scheduler" - the user that scheduled the action (optional)
 - dateTime.iso8601 "earliest" - the earliest date and time the action will be performed
 - int "prerequisite" - ID of the prerequisite action (optional)
 - int "completedSystems" - number of systems that completed the action
 - int "failedSystems" - number of systems that failed the action
 - int "inProgressSystems" - number of systems that are in progress

Chapter 638. Method: listCompletedActions

HTTP GET

Description:

Returns a list of actions that have completed successfully.

Parameters:

- string sessionKey

Returns:

- array :
- struct action
 - int "id" - action ID
 - string "name" - action name
 - string "type" - action type
 - string "scheduler" - the user that scheduled the action (optional)
 - dateTime.iso8601 "earliest" - the earliest date and time the action will be performed
 - int "prerequisite" - ID of the prerequisite action (optional)
 - int "completedSystems" - number of systems that completed the action
 - int "failedSystems" - number of systems that failed the action
 - int "inProgressSystems" - number of systems that are in progress

Chapter 639. Method: listCompletedSystems

HTTP GET

Description:

Returns a list of systems that have completed a specific action.

Parameters:

- string sessionKey
- int actionId

Returns:

- array :
- struct system
 - int "server_id"
 - string "server_name" - server name
 - string "base_channel" - base channel used by the server
 - dateTime.iso8601 "timestamp" - the time the action was completed
 - string "message" - optional message containing details on the execution of the action. For example, if the action failed, this will contain the failure text.

Chapter 640. Method: listFailedActions

HTTP GET

Description:

Returns a list of actions that have failed.

Parameters:

- string sessionKey

Returns:

- array :
- struct action
 - int "id" - action ID
 - string "name" - action name
 - string "type" - action type
 - string "scheduler" - the user that scheduled the action (optional)
 - dateTime.iso8601 "earliest" - the earliest date and time the action will be performed
 - int "prerequisite" - ID of the prerequisite action (optional)
 - int "completedSystems" - number of systems that completed the action
 - int "failedSystems" - number of systems that failed the action
 - int "inProgressSystems" - number of systems that are in progress

Chapter 641. Method: listFailedSystems

HTTP GET

Description:

Returns a list of systems that have failed a specific action.

Parameters:

- string sessionKey
- int actionId

Returns:

- array :
- struct system
 - int "server_id"
 - string "server_name" - server name
 - string "base_channel" - base channel used by the server
 - dateTime.iso8601 "timestamp" - the time the action was completed
 - string "message" - optional message containing details on the execution of the action. For example, if the action failed, this will contain the failure text.

Chapter 642. Method: listInProgressActions

HTTP GET

Description:

Returns a list of actions that are in progress.

Parameters:

- string sessionKey

Returns:

- array :
- struct action
 - int "id" - action ID
 - string "name" - action name
 - string "type" - action type
 - string "scheduler" - the user that scheduled the action (optional)
 - dateTime.iso8601 "earliest" - the earliest date and time the action will be performed
 - int "prerequisite" - ID of the prerequisite action (optional)
 - int "completedSystems" - number of systems that completed the action
 - int "failedSystems" - number of systems that failed the action
 - int "InProgressSystems" - number of systems that are in progress

Chapter 643. Method: listInProgressSystems

HTTP GET

Description:

Returns a list of systems that have a specific action in progress.

Parameters:

- string sessionKey
- int actionId

Returns:

- array :
- struct system
 - int "server_id"
 - string "server_name" - server name
 - string "base_channel" - base channel used by the server
 - dateTime.iso8601 "timestamp" - the time the action was completed
 - string "message" - optional message containing details on the execution of the action. For example, if the action failed, this will contain the failure text.

Chapter 644. Method: rescheduleActions

HTTP POST

Description:

Reschedule all actions in the given list.

Parameters:

- string sessionKey
- int array actionIds
- boolean onlyFailed - True to only reschedule failed actions, False to reschedule all

Returns:

- int - 1 on success, exception thrown otherwise.

Sample Scripts

Chapter 645. JSON over HTTP API scripts

645.1. HTTP login with Curl

Below is an example of the login process using an authentication token with the JSON over HTTP API.

The JSON over HTTP API uses authentication tokens for access. The token is sent in a cookie called pxt-session-cookie in a response to a call to the auth.login endpoint. The auth.login endpoint accepts a POST request with a JSON body that has login and password properties in a top-level object.

```
$ API=https://manager.example.com/rhn/manager/api
$ curl -H "Content-Type: application/json" -d '{"login": "myusername", "password": "mypass"}' -i $API/auth/login

HTTP/1.1 200 200
...
Set-Cookie: pxt-session-cookie=&lt;tokenhash&gt;; ...
...
{"success":true,"messages":[]}
```

Once the login is successful, the retrieved cookie must be added to each subsequent request for authenticated access.

645.2. HTTP GET example

Below is an example of an HTTP GET call to the contentmanagement.lookupProject API. In a GET request, method parameters must be sent as query string key-value pairs.

The JSON output is pretty-printed for clarity.

```
$ API=https://manager.example.com/rhn/manager/api
$ curl -H "Content-Type: application/json" --cookie "pxt-session-cookie&lt;tokenhash&gt;;" \
> $API/contentmanagement/lookupProject?projectLabel=myproject
{
  "success": true,
  "result": {
    "name": "My Project",
    "description": "My CLM project",
    "id": 1,
    "label": "myproject",
    "orgId": 1
  }
}
```

645.3. HTTP POST example

Below is an example of an HTTP POST call to the contentmanagement.createProject API. In a POST request, method parameters can be sent as query string key-value pairs, as a JSON object in the request body, or a mix

of both. object type parameters cannot be represented as a query string element and therefore must be sent in the request body. The following examples show both approaches.

The JSON output is pretty-printed for clarity.

645.3.1. Using the query string

```
$ API=https://manager.example.com/rhn/manager/api
$ curl -H "Content-Type: application/json" --cookie "pxt-session-cookie&lt;tokenhash&gt;;"
-X POST \
>
"$API/contentmanagement/createProject?projectLabel=myproject&name=My%20Project&description
="
{
  "success": true,
  "result": {
    "name": "My Project",
    "id": 1,
    "label": "myproject",
    "orgId": 1
  }
}
```

645.3.2. Using the request body

The request body must be a top-level JSON object that contains all the parameters as its properties.

```
$ API=https://manager.example.com/rhn/manager/api
$ curl -H "Content-Type: application/json" --cookie "pxt-session-cookie&lt;tokenhash&gt;;"
\
> -d '{"projectLabel":"myproject","name":"My Project","description":""}' \
> $API/contentmanagement/createProject
{
  "success": true,
  "result": {
    "name": "My Project",
    "id": 1,
    "label": "myproject",
    "orgId": 1
  }
}
```

===Python 3 example

Below is an example of the `system.listActiveSystems` call being used.

```
#!/usr/bin/env python3
import requests
import pprint

MANAGER_URL = "https://manager.example.com/rhn/manager/api"
MANAGER_LOGIN = "username"
MANAGER_PASSWORD = "password"
SSLVERIFY = "/path/to/CA" # or False to disable verify;
```

```
data = {"login": MANAGER_LOGIN, "password": MANAGER_PASSWORD}
response = requests.post(MANAGER_URL + '/auth/login', json=data, verify=SSLVERIFY)
print("LOGIN: {}:{}".format(response.status_code, response.json()))

cookies = response.cookies
res2 = requests.get(MANAGER_URL + '/system/listActiveSystems', cookies=cookies,
verify=SSLVERIFY)
print("RETCODE: {}".format(res2.status_code))
pprint.pprint(res2.json())

sysinfo = res2.json()['result'][0]

note = {"sid": sysinfo['id'], "subject": "Title", "body": "Content of the Note"}
res2 = requests.post(MANAGER_URL + '/system/addNote', json=note, cookies=cookies,
verify=SSLVERIFY)
print("RETCODE: {}".format(res2.status_code))
pprint.pprint(res2.json())

res2 = requests.get(MANAGER_URL + '/system/listNotes?sid={}'.format(sysinfo['id']),
cookies=cookies, verify=SSLVERIFY)
print("RETCODE: {}".format(res2.status_code))
pprint.pprint(res2.json())

res2 = requests.post(MANAGER_URL + '/auth/logout', cookies=cookies, verify=SSLVERIFY)
print("RETCODE: {}".format(res2.status_code))
pprint.pprint(res2.json())
```

Chapter 646. XMLRPC Scripts

646.1. Perl Example

This Perl example shows the `system.listUserSystems` call being used to get a list of systems a user has access to. In the example below, the name of each system will be printed.

```
#!/usr/bin/perl
use Frontier::Client;

my $HOST = 'manager.example.com';
my $user = 'username';
my $pass = 'password';

my $client = new Frontier::Client(url => "http://$HOST/rpc/api");
my $session = $client->call('auth.login',$user, $pass);

my $systems = $client->call('system.listUserSystems', $session);
foreach my $system (@$systems) {
    print $system->{'name'}."\n";
}
$client->call('auth.logout', $session);
```

646.2. Python 2 Example

Below is an example of the `user.listUsers` call being used. Only the login of each user is printed.

```
#!/usr/bin/python
import xmlrpclib

MANAGER_URL = "http://manager.example.com/rpc/api"
MANAGER_LOGIN = "username"
MANAGER_PASSWORD = "password"

client = xmlrpclib.Server(MANAGER_URL, verbose=0)

key = client.auth.login(MANAGER_LOGIN, MANAGER_PASSWORD)
list = client.user.list_users(key)
for user in list:
    print user.get('login')

client.auth.logout(key)
```

The following code shows how to use date-time parameters. This code will schedule immediate installation of package `rhnlb-2.5.22.9.el6.noarch` to system with id `1000000001`.

```
#!/usr/bin/python
from datetime import datetime
import time
import xmlrpclib

MANAGER_URL = "http://manager.example.com/rpc/api"
MANAGER_LOGIN = "username"
MANAGER_PASSWORD = "password"
```

```

client = xmlrpclib.Server(MANAGER_URL, verbose=0)

key = client.auth.login(MANAGER_LOGIN, MANAGER_PASSWORD)
package_list = client.packages.findByName(key, 'rhnlb', '2.5.22', '9.el6', '', 'noarch')
today = datetime.today()
earliest_occurrence = xmlrpclib.DateTime(today)
client.system.schedulePackageInstall(key, 1000000001, package_list[0]['id'],
earliest_occurrence)

client.auth.logout(key)

```

646.3. Python 3 with SSL Example

Below is an example of the `user.listUsers` call being called.

```

#!/usr/bin/env python3
from xmlrpc.client import ServerProxy
import ssl

MANAGER_URL = "https://manager.example.com/rpc/api"
MANAGER_LOGIN = "username"
MANAGER_PASSWORD = "password"

# You might need to set to set other options depending on your
# server SSL configuration and your local SSL configuration
context = ssl.create_default_context()
client = ServerProxy(MANAGER_URL, context=context)
key = client.auth.login(MANAGER_LOGIN, MANAGER_PASSWORD)

print(client.user.list_users(key))

client.auth.logout(key)

```

646.4. Python 3 Example

Below is an example of the `user.listUsers` call being called.

```

#!/usr/bin/env python3
from xmlrpc.client import ServerProxy

MANAGER_URL = "http://manager.example.com/rpc/api"
MANAGER_LOGIN = "username"
MANAGER_PASSWORD = "password"

client = ServerProxy(MANAGER_URL)
key = client.auth.login(MANAGER_LOGIN, MANAGER_PASSWORD)

print(client.user.list_users(key))

client.auth.logout(key)

```

The following code shows how to use date-time parameters. This code will schedule immediate installation of package `rhnlb-2.5.22.9.el6.noarch` to system with id `1000000001`.

```
#!/usr/bin/env python3
from datetime import datetime
from xmlrpc.client import ServerProxy

MANAGER_URL = "http://manager.example.com/rpc/api"
MANAGER_LOGIN = "username"
MANAGER_PASSWORD = "password"

client = ServerProxy(MANAGER_URL)

key = client.auth.login(MANAGER_LOGIN, MANAGER_PASSWORD)
package_list = client.packages.findByName(key, 'rhnlib', '2.5.22', '9.el6', '', 'noarch')
earliest_occurrence = datetime.today()
client.system.schedulePackageInstall(key, 1000000001, [package_list[0]['id']],
earliest_occurrence)

client.auth.logout(key)
```

646.5. Ruby Example

Below is an example of the `channel.listAllChannels` API call. List of channel labels is printed.

```
#!/usr/bin/ruby
require "xmlrpc/client"

@MANAGER_URL = "http://manager.example.com/rpc/api"
@MANAGER_LOGIN = "username"
@MANAGER_PASSWORD = "password"

@client = XMLRPC::Client.new2(@MANAGER_URL)

@key = @client.call('auth.login', @MANAGER_LOGIN, @MANAGER_PASSWORD)
channels = @client.call('channel.listAllChannels', @key)
for channel in channels do
  p channel["label"]
end

@client.call('auth.logout', @key)
```

subscriptionmatching.pinnedsubscription

Chapter 647. Available methods

- create
- delete
- list

Chapter 648. Description

Provides the namespace for operations on Pinned Subscriptions

Namespace:

subscriptionmatching.pinnedsubscription

Chapter 649. Method: create

HTTP POST

Description:

Creates a Pinned Subscription based on given subscription and system

Parameters:

- string sessionKey
- int subscriptionId - Subscription ID
- int sid - System ID

Returns:

- * struct pinned subscription
 - int "id"
 - int "subscription_id"
 - int "system_id"

Chapter 650. Method: delete

HTTP POST

Description:

Deletes Pinned Subscription with given id

Parameters:

- string sessionKey
- int subscriptionId - Pinned Subscription ID

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 651. Method: list

HTTP POST

Description:

Lists all PinnedSubscriptions

Parameters:

- string sessionKey

Returns:

- array :
- struct pinned subscription
 - int "id"
 - int "subscription_id"
 - int "system_id"

sync.content

Chapter 652. Available methods

- `addChannel`
- `addChannels`
- `addCredentials`
- `deleteCredentials`
- `listChannels`
- `listCredentials`
- `listProducts`
- `synchronizeChannelFamilies`
- `synchronizeProducts`
- `synchronizeRepositories`
- `synchronizeSubscriptions`

Chapter 653. Description

Provides the namespace for the content synchronization methods.

Namespace:

sync.content

Chapter 654. Method: addChannel

HTTP POST

Description:

Add a new channel to the #product() database

Parameters:

- string sessionKey
- string channelLabel - Label of the channel to add
- string mirrorUrl - Sync from mirror temporarily

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 655. Method: addChannels

HTTP POST

Description:

Add a new channel to the #product() database

Parameters:

- string sessionKey
- string channelLabel - Label of the channel to add
- string mirrorUrl - Sync from mirror temporarily

Returns:

- string array enabled channel labels

Chapter 656. Method: addCredentials

HTTP POST

Description:

Add organization credentials (mirror credentials) to #product().

Parameters:

- string sessionKey
- string username - Organization credentials (Mirror credentials) username
- string password - Organization credentials (Mirror credentials) password
- boolean primary - Make this the primary credentials

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 657. Method: deleteCredentials

HTTP POST

Description:

Delete organization credentials (mirror credentials) from #product().

Parameters:

- string sessionKey
- string username - Username of credentials to delete

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 658. Method: listChannels

HTTP GET

Description:

List all accessible channels.

Parameters:

- string sessionKey

Returns:

- array :
- struct channel
 - string "arch" - architecture of the channel
 - string "description" - description of the channel
 - string "family" - channel family label
 - boolean "is_signed" - channel has signed metadata
 - string "label" - label of the channel
 - string "name" - name of the channel
 - boolean "optional" - channel is optional
 - string "parent" - the label of the parent channel
 - string "product_name" - product name
 - string "product_version" - product version
 - string "source_url" - repository source URL
 - string "status" - 'available', 'unavailable' or 'installed'
 - string "summary" - channel summary
 - string "update_tag" - update tag
 - boolean "installer_updates" - is an installer update channel

Chapter 659. Method: listCredentials

HTTP GET

Description:

List organization credentials (mirror credentials) available in #product().

Parameters:

- string sessionKey

Returns:

- array :
- struct credentials
 - int "id" - ID of the credentials
 - string "user" - username
 - boolean "isPrimary" - primary

Chapter 660. Method: listProducts

HTTP GET

Description:

List all accessible products.

Parameters:

- string sessionKey

Returns:

- array :
- struct product
 - string "friendly_name" - friendly name of the product
 - string "arch" - architecture
 - string "status" - 'available', 'unavailable' or 'installed'
 - array "channels"
- struct channel
 - string "arch" - architecture of the channel
 - string "description" - description of the channel
 - string "family" - channel family label
 - boolean "is_signed" - channel has signed metadata
 - string "label" - label of the channel
 - string "name" - name of the channel
 - boolean "optional" - channel is optional
 - string "parent" - the label of the parent channel
 - string "product_name" - product name
 - string "product_version" - product version
 - string "source_url" - repository source URL
 - string "status" - 'available', 'unavailable' or 'installed'
 - string "summary" - channel summary

-
- string "update_tag" - update tag
 - boolean "installer_updates" - is an installer update channel
 - array "extensions"
 - struct extension product
 - string "friendly_name" - friendly name of extension product
 - string "arch" - architecture
 - string "status" - 'available', 'unavailable' or 'installed'
 - array "channels"
 - struct channel
 - string "arch" - architecture of the channel
 - string "description" - description of the channel
 - string "family" - channel family label
 - boolean "is_signed" - channel has signed metadata
 - string "label" - label of the channel
 - string "name" - name of the channel
 - boolean "optional" - channel is optional
 - string "parent" - the label of the parent channel
 - string "product_name" - product name
 - string "product_version" - product version
 - string "source_url" - repository source URL
 - string "status" - 'available', 'unavailable' or 'installed'
 - string "summary" - channel summary
 - string "update_tag" - update tag
 - boolean "installer_updates" - is an installer update channel
 - boolean "recommended" - recommended

Chapter 661. Method: synchronizeChannelFamilies

HTTP POST

Description:

Synchronize channel families between the Customer Center and the #product() database.

Parameters:

- string sessionKey

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 662. Method: synchronizeProducts

HTTP POST

Description:

Synchronize SUSE products between the Customer Center and the #product() database.

Parameters:

- string sessionKey

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 663. Method: synchronizeRepositories

HTTP POST

Description:

Synchronize repositories between the Customer Center and the #product() database.

Parameters:

- string sessionKey
- string mirrorUrl - Optional mirror url or null

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 664. Method: synchronizeSubscriptions

HTTP POST

Description:

Synchronize subscriptions between the Customer Center and the #product() database.

Parameters:

- string sessionKey

Returns:

- int - 1 on success, exception thrown otherwise.

sync.master

Chapter 665. Available methods

- `addToMaster`
- `create`
- `delete`
- `getDefaultMaster`
- `getMaster`
- `getMasterByLabel`
- `getMasterOrgs`
- `getMasters`
- `hasMaster`
- `makeDefault`
- `mapToLocal`
- `setCaCert`
- `setMasterOrgs`
- `unsetDefaultMaster`
- `update`

Chapter 666. Description

Contains methods to set up information about known-"masters", for use on the "slave" side of ISS

Namespace:

sync.master

Chapter 667. Method: addToMaster

HTTP POST

Description:

Add a single organizations to the list of those the specified Master has exported to this Slave

Parameters:

- string sessionKey
- int masterId - Id of the desired Master
- struct orgMap
 - int "masterOrgId"
 - string "masterOrgName"
 - int "localOrgId"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 668. Method: create

HTTP POST

Description:

Create a new Master, known to this Slave.

Parameters:

- string sessionKey
- string label - Master's fully-qualified domain name

Returns:

- * struct IssMaster info
 - int "id"
 - string "label"
 - string "caCert"
 - boolean "isCurrentMaster"

Chapter 669. Method: delete

HTTP POST

Description:

Remove the specified Master

Parameters:

- string sessionKey
- int masterId - Id of the Master to remove

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 670. Method: getDefaultMaster

HTTP GET

Description:

Return the current default-Master for this Slave

Parameters:

- string sessionKey

Returns:

- * struct IssMaster info
 - int "id"
 - string "label"
 - string "caCert"
 - boolean "isCurrentMaster"

Chapter 671. Method: getMaster

HTTP GET

Description:

Find a Master by specifying its ID

Parameters:

- string sessionKey
- int masterId - ID of the desired Master

Returns:

- * struct IssMaster info
 - int "id"
 - string "label"
 - string "caCert"
 - boolean "isCurrentMaster"

Chapter 672. Method: getMasterByLabel

HTTP GET

Description:

Find a Master by specifying its label

Parameters:

- string sessionKey
- string label - Label of the desired Master

Returns:

- * struct IssMaster info
 - int "id"
 - string "label"
 - string "caCert"
 - boolean "isCurrentMaster"

Chapter 673. Method: getMasterOrgs

HTTP GET

Description:

List all organizations the specified Master has exported to this Slave

Parameters:

- string sessionKey
- int masterId - ID of the desired Master

Returns:

- array :
- struct IssMasterOrg info
 - int "masterOrgId"
 - string "masterOrgName"
 - int "localOrgId"

Chapter 674. Method: getMasters

HTTP GET

Description:

Get all the Masters this Slave knows about

Parameters:

- string sessionKey

Returns:

- array :
- struct IssMaster info
 - int "id"
 - string "label"
 - string "caCert"
 - boolean "isCurrentMaster"

Chapter 675. Method: hasMaster

HTTP POST

Description:

Check if this host is reading configuration from an ISS master.

Parameters:

Returns:

- boolean master - True if has an ISS master, false otherwise

Chapter 676. Method: makeDefault

HTTP POST

Description:

Make the specified Master the default for this Slave's inter-server-sync

Parameters:

- string sessionKey
- int masterId - Id of the Master to make the default

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 677. Method: mapToLocal

HTTP POST

Description:

Add a single organizations to the list of those the specified Master has exported to this Slave

Parameters:

- string sessionKey
- int masterId - ID of the desired Master
- int masterOrgId - ID of the desired Master
- int localOrgId - ID of the desired Master

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 678. Method: setCaCert

HTTP POST

Description:

Set the CA-CERT filename for specified Master on this Slave

Parameters:

- string sessionKey
- int masterId - ID of the Master to affect
- string caCertFilename - path to specified Master's CA cert

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 679. Method: setMasterOrgs

HTTP POST

Description:

Reset all organizations the specified Master has exported to this Slave

Parameters:

- string sessionKey
- int masterId - Id of the desired Master
- array orgMaps
 - struct master-org details
 - int "masterOrgId"
 - string "masterOrgName"
 - int "localOrgId"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 680. Method: unsetDefaultMaster

HTTP POST

Description:

Make this slave have no default Master for inter-server-sync

Parameters:

- string sessionKey

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 681. Method: update

HTTP POST

Description:

Updates the label of the specified Master

Parameters:

- string sessionKey
- int masterId - ID of the Master to update
- string label - Desired new label

Returns:

- * struct IssMaster info
 - int "id"
 - string "label"
 - string "caCert"
 - boolean "isCurrentMaster"

sync.slave

Chapter 682. Available methods

- `create`
- `delete`
- `getAllowedOrgs`
- `getSlave`
- `getSlaveByName`
- `getSlaves`
- `setAllowedOrgs`
- `update`

Chapter 683. Description

Contains methods to set up information about allowed-"slaves", for use on the "master" side of ISS

Namespace:

sync.slave

Chapter 684. Method: create

HTTP POST

Description:

Create a new Slave, known to this Master.

Parameters:

- string sessionKey
- string slaveFqdn - Slave's fully-qualified domain name
- boolean isEnabled - Let this slave talk to us?
- boolean allowAllOrgs - Export all our orgs to this slave?

Returns:

- * struct IssSlave info
 - int "id"
 - string "slave"
 - boolean "enabled"
 - boolean "allowAllOrgs"

Chapter 685. Method: delete

HTTP POST

Description:

Remove the specified Slave

Parameters:

- string sessionKey
- int slaveId - ID of the Slave to remove

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 686. Method: getAllowedOrgs

HTTP GET

Description:

Get all orgs this Master is willing to export to the specified Slave

Parameters:

- string sessionKey
- int slaveId - Id of the desired Slave

Returns:

- int array ids of allowed organizations

Chapter 687. Method: getSlave

HTTP GET

Description:

Find a Slave by specifying its ID

Parameters:

- string sessionKey
- int slaveId - ID of the desired Slave

Returns:

- * struct IssSlave info
 - int "id"
 - string "slave"
 - boolean "enabled"
 - boolean "allowAllOrgs"

Chapter 688. Method: getSlaveByName

HTTP GET

Description:

Find a Slave by specifying its Fully-Qualified Domain Name

Parameters:

- string sessionKey
- string slaveFqdn - Domain-name of the desired Slave

Returns:

- * struct IssSlave info
 - int "id"
 - string "slave"
 - boolean "enabled"
 - boolean "allowAllOrgs"

Chapter 689. Method: getSlaves

HTTP GET

Description:

Get all the Slaves this Master knows about

Parameters:

- string sessionKey

Returns:

- array :
- struct IssSlave info
 - int "id"
 - string "slave"
 - boolean "enabled"
 - boolean "allowAllOrgs"

Chapter 690. Method: setAllowedOrgs

HTTP POST

Description:

Set the orgs this Master is willing to export to the specified Slave

Parameters:

- string sessionKey
- int slaveId - ID of the desired Slave
- int array orgIds - List of org-ids we're willing to export

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 691. Method: update

HTTP POST

Description:

Updates attributes of the specified Slave

Parameters:

- string sessionKey
- int slaveId - ID of the Slave to update
- string slaveFqdn - Slave's fully-qualified domain name
- boolean isEnabled - Let this slave talk to us?
- boolean allowAllOrgs - Export all our orgs to this Slave?

Returns:

- * struct IssSlave info
 - int "id"
 - string "slave"
 - boolean "enabled"
 - boolean "allowAllOrgs"

Chapter 692. Available methods

- `addPeripheralChannelsToSync`
- `addPeripheralChannelsToSync`
- `deregister`
- `deregister`
- `generateAccessToken`
- `getAllPeripheralChannels`
- `getAllPeripheralOrgs`
- `getManagerInfo`
- `isISSPeripheral`
- `listPeripheralChannelsToSync`
- `migrateFromISSv1`
- `migrateFromISSv2`
- `regenerateSCCCredentials`
- `registerPeripheral`
- `registerPeripheral`
- `registerPeripheralWithToken`
- `registerPeripheralWithToken`
- `removePeripheralChannelsToSync`
- `replaceTokens`
- `setDetails`
- `storeAccessToken`
- `syncPeripheralChannels`

Chapter 693. Description

Contains methods to set up and manage Hub Inter-Server synchronization

Namespace:

sync.hub

Chapter 694. Method: addPeripheralChannelsToSync

HTTP POST

Description:

Add peripheral channels to synchronize on a peripheral server

Parameters:

- string sessionKey
- [. string]# string # fqdn - The FQDN identifying the peripheral server
- array " channelLabels "
 - string "label" - The channel label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 695. Method: addPeripheralChannelsToSync

HTTP POST

Description:

Add peripheral channels to synchronize on a peripheral server, forcing the peripheral org in custom channels

Parameters:

- string sessionKey
- string fqdn - The FQDN identifying the peripheral server
- array "channelLabels"
 - string "label" - The channel label
- int "peripheralOrgIdWhenCustomChannel" - ID of the peripheral Org to be set in custom channels

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 696. Method: deregister

HTTP POST

Description:

De-register the server locally identified by the fqdn.

Parameters:

- string sessionKey
- string fqdn - the FQDN of the remote server to de-register

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 697. Method: deregister

HTTP POST

Description:

De-register the server identified by the fqdn.

Parameters:

- string sessionKey
- string fqdn - the FQDN of the remote server to de-register
- boolean onlyLocal - true if the de - registration has to be performed only this server, false to instead fully deregister on both sides

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 698. Method: generateAccessToken

HTTP POST

Description:

Generate a new access token for ISS for accessing this system

Parameters:

- string sessionKey
- string fqdn - FQDN of the peripheral/hub that will be using this access token

Returns:

- string The serialized form of the token

Chapter 699. Method: getAllPeripheralChannels

HTTP GET

Description:

Remotely collect data about peripheral channels

Parameters:

- string sessionKey

Returns:

- array :
- struct channel info
 - long "id" - the id of the channel
 - string "name" - the name of the channel
 - boolean "label" - the label of the channel
 - string "summary" - the summary of the channel
 - long "org_id" - the organization id of the channel
 - long "parent_channel_id" - the parent channel ID of the channel

Chapter 700. Method: getAllPeripheralOrgs

HTTP GET

Description:

Remotely collect data about peripheral organizations

Parameters:

- string sessionKey

Returns:

- array :
- struct org info
 - long "org_id" - org identifier
 - string "org_name" - org name

Chapter 701. Method: getManagerInfo

HTTP GET

Description:

Get manager info.

Parameters:

- string sessionKey

Returns:

- * struct manager info
 - string "version" - version
 - boolean "report_db" - true if there is a report database
 - string "report_db_name" - name of the report database
 - string "report_db_host" - hostname of the report database
 - int "report_db_port" - port of the report database

Chapter 702. Method: isISSPeripheral

HTTP GET

Description:

Check if this server is configured as peripheral server and read data from a Hub

Parameters:

- string sessionKey

Returns:

- boolean peripheral - True if this is an ISS peripheral, false otherwise

Chapter 703. Method: listPeripheralChannelsToSync

HTTP GET

Description:

Lists current peripheral channel to synchronize on a peripheral server

Parameters:

- string sessionKey
- [. string]# string # fqdn - The FQDN identifying the peripheral server

Returns:

- array :
 - string "label" - Label of a peripheral channel to sync

Chapter 704. Method: migrateFromISSv1

HTTP POST

Description:

Migrate the existing ISSv1 slaves to Hub Online Synchronization peripherals.

Parameters:

- string sessionKey
- array migration_data
 - struct slave_migration_data
 - string "fqdn" - The fully qualified domain name of the remote slave server.
 - string "token" - The token used to authenticate on the remote server.
 - string "root_ca" - The root ca needed to establish a secure connection to the remote server.

Returns:

- * struct result
 - array "messages"
 - struct message
 - string "severity" - the severity of the message
 - string "message" - the message
 - result_code "success"

Chapter 705. Method: migrateFromISSv2

HTTP POST

Description:

Migrate the existing ISSv2 peripherals to Hub Online Synchronization peripherals.

Parameters:

- string sessionKey
- array migration_data
 - struct peripheral_migration_data
 - string "fqdn" - The fully qualified domain name of the remote peripheral server.
 - string "token" - The token used to authenticate on the remote server.
 - string "root_ca" - The root ca needed to establish a secure connection to the remote server.

Returns:

- * struct result
 - array "messages"
 - struct message
 - string "severity" - the severity of the message
 - string "message" - the message
 - result_code "success"

Chapter 706. Method: regenerateSCCCredentials

HTTP POST

Description:

Regenerate the username and the password for an existing peripheral.

Parameters:

- string sessionKey
- [string]# string # fqdn - The FQDN identifying the peripheral server

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 707. Method: registerPeripheral

HTTP POST

Description:

Registers automatically a remote server with the specified ISS role.

Parameters:

- string sessionKey
- string fqdn - the FQDN of the remote server to register
- string username - the name of the user, needed to access the remote server It must have the sat admin role
- string password - the password of the user, needed to access the remote server

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 708. Method: registerPeripheral

HTTP POST

Description:

Registers automatically a remote server with the specified ISS role.

Parameters:

- string sessionKey
- string fqdn - the FQDN of the remote server to register
- string username - the name of the user, needed to access the remote server It must have the sat admin role
- string password - the password of the user, needed to access the remote server
- string rootCA - the root CA certificate, in case it's needed to establish a secure connection

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 709. Method: registerPeripheralWithToken

HTTP POST

Description:

Registers a remote server with the specified ISS role using an existing specified access token.

Parameters:

- string sessionKey
- string fqdn - the FQDN of the remote server to register
- string token - the token used to authenticate on the remote server.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 710. Method: registerPeripheralWithToken

HTTP POST

Description:

Registers a remote server with the specified ISS role using an existing specified access token.

Parameters:

- string sessionKey
- string fqdn - the FQDN of the remote server to register
- string token - the token used to authenticate on the remote server.
- string rootCA - the root CA certificate, in case it's needed to establish a secure connection

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 711. Method: removePeripheralChannelsToSync

HTTP POST

Description:

Remove peripheral channels to synchronize on a peripheral server

Parameters:

- string sessionKey
- [. string]# string # fqdn - The FQDN identifying the peripheral server
- array " channelLabels "
 - string "label" - The channel label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 712. Method: replaceTokens

HTTP POST

Description:

Replace the auth tokens for connections between this hub and the given peripheral server

Parameters:

- string sessionKey
- string fqdn - the FQDN of the remote peripheral server to replace the tokens

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 713. Method: setDetails

HTTP POST

Description:

Set server details. All arguments are optional and will only be modified if included in the struct.

Parameters:

- string sessionKey
- string fqdn - The FQDN of Hub or Peripheral server to lookup details for.
- string role - The role which should be updated. Either 'HUB' or 'PERIPHERAL'.
- struct data
 - string "root_ca" - The root ca
 - string "gpg_key" - The root gpg key - only for role HUB

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 714. Method: storeAccessToken

HTTP POST

Description:

Generate a new access token for ISS for accessing this system

Parameters:

- string sessionKey
- string fqdn - the FQDN of the peripheral/hub that generated this access token
- string token - the access token

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 715. Method: syncPeripheralChannels

HTTP POST

Description:

Synchronize peripheral channels on a peripheral server

Parameters:

- string sessionKey
- [. string]# string # fqdn - The FQDN identifying the peripheral server
- array " channelLabels "
 - string "label" - The channel label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 716. Available methods

- `addEntitlements`
- `addNote`
- `bootstrap`
- `bootstrap`
- `bootstrap`
- `bootstrap`
- `bootstrapWithPrivateSshKey`
- `bootstrapWithPrivateSshKey`
- `bootstrapWithPrivateSshKey`
- `bootstrapWithPrivateSshKey`
- `changeProxy`
- `comparePackageProfile`
- `comparePackages`
- `createPackageProfile`
- `createSystemProfile`
- `createSystemRecord`
- `createSystemRecord`
- `deleteCustomValues`
- `deleteGuestProfiles`
- `deleteNote`
- `deleteNotes`
- `deletePackageProfile`
- `deleteSystem`
- `deleteSystem`
- `deleteSystem`
- `deleteSystems`
- `deleteSystems`

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- `deleteTagFromSnapshot`
 - `downloadSystemId`
 - `getCoCoAttestationConfig`
 - `getCoCoAttestationResultDetails`
 - `getConnectionPath`
 - `getCpu`
 - `getCustomValues`
 - `getDetails`
 - `getDevices`
 - `getDmi`
 - `getEntitlements`
 - `getEventDetails`
 - `getEventHistory`
 - `getEventHistory`
 - `getEventHistory`
 - `getEventHistory`
 - `getId`
 - `getInstalledProducts`
 - `getKernelLivePatch`
 - `getLatestCoCoAttestationReport`
 - `getMemory`
 - `getMinionIdMap`
 - `getName`
 - `getNetwork`
 - `getNetworkDevices`
 - `getNetworkForSystems`
 - `getOsaPing`
 - `getPillar`

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- [getPillar](#)
 - [getRegistrationDate](#)
 - [getRelevantErrata](#)
 - [getRelevantErrata](#)
 - [getRelevantErrataByType](#)
 - [getRunningKernel](#)
 - [getScriptActionDetails](#)
 - [getScriptResults](#)
 - [getSubscribedBaseChannel](#)
 - [getSystemCurrencyMultipliers](#)
 - [getSystemCurrencyScores](#)
 - [getUnscheduledErrata](#)
 - [getUuid](#)
 - [getVariables](#)
 - [isNvreInstalled](#)
 - [isNvreInstalled](#)
 - [listActivationKeys](#)
 - [listActiveSystems](#)
 - [listActiveSystemsDetails](#)
 - [listAdministrators](#)
 - [listAllInstallablePackages](#)
 - [listCoCoAttestationReports](#)
 - [listCoCoAttestationReports](#)
 - [listCoCoAttestationReports](#)
 - [listDuplicatesByHostname](#)
 - [listDuplicatesByIp](#)
 - [listDuplicatesByMac](#)
 - [listEmptySystemProfiles](#)

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- `listExtraPackages`
 - `listFqdns`
 - `listGroups`
 - `listInactiveSystems`
 - `listInactiveSystems`
 - `listInstalledPackages`
 - `listLatestAvailablePackage`
 - `listLatestInstallablePackages`
 - `listLatestUpgradablePackages`
 - `listMigrationTargets`
 - `listMigrationTargets`
 - `listNewerInstalledPackages`
 - `listNotes`
 - `listOlderInstalledPackages`
 - `listOutOfDateSystems`
 - `listPackageProfiles`
 - `listPackageState`
 - `listPackages`
 - `listPackagesFromChannel`
 - `listPackagesLockStatus`
 - `listPhysicalSystems`
 - `listSubscribableBaseChannels`
 - `listSubscribableChildChannels`
 - `listSubscribedChildChannels`
 - `listSuggestedReboot`
 - `listSystemEvents`
 - `listSystemEvents`
 - `listSystemEvents`

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- `listSystemEvents`
 - `listSystemGroupsForSystemsWithEntitlement`
 - `listSystems`
 - `listSystemsWithEntitlement`
 - `listSystemsWithExtraPackages`
 - `listSystemsWithPackage`
 - `listSystemsWithPackage`
 - `listUngroupedSystems`
 - `listUserSystems`
 - `listUserSystems`
 - `listVirtualGuests`
 - `listVirtualHosts`
 - `obtainReactivationKey`
 - `obtainReactivationKey`
 - `provisionSystem`
 - `provisionSystem`
 - `provisionSystem`
 - `provisionSystem`
 - `provisionSystem`
 - `provisionSystem`
 - `provisionSystem`
 - `provisionSystem`
 - `provisionSystem`
 - `provisionSystem`
 - `provisionSystem`
 - `provisionSystem`
 - `provisionVirtualGuest`
 - `provisionVirtualGuest`
 - `provisionVirtualGuest`
 - `refreshPillar`

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- refreshPillar
 - registerPeripheralServer
 - removeEntitlements
 - scheduleApplyErrata
 - scheduleApplyErrata
 - scheduleApplyErrata
 - scheduleApplyErrata
 - scheduleApplyErrata
 - scheduleApplyErrata
 - scheduleApplyErrata
 - scheduleApplyErrata
 - scheduleApplyErrata
 - scheduleApplyErrata
 - scheduleApplyErrata
 - scheduleApplyHighstate
 - scheduleApplyHighstate
 - scheduleApplyStates
 - scheduleApplyStates
 - scheduleCertificateUpdate
 - scheduleCertificateUpdate
 - scheduleChangeChannels
 - scheduleChangeChannels
 - scheduleCoCoAttestation
 - scheduleDistUpgrade
 - scheduleDistUpgrade
 - scheduleHardwareRefresh
 - schedulePackageInstall
 - schedulePackageInstall
 - schedulePackageInstall

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- `schedulePackageInstall`
 - `schedulePackageInstallByNevra`
 - `schedulePackageInstallByNevra`
 - `schedulePackageInstallByNevra`
 - `schedulePackageInstallByNevra`
 - `schedulePackageLockChange`
 - `schedulePackageRefresh`
 - `schedulePackageRemove`
 - `schedulePackageRemove`
 - `schedulePackageRemove`
 - `schedulePackageRemove`
 - `schedulePackageRemoveByNevra`
 - `schedulePackageRemoveByNevra`
 - `schedulePackageRemoveByNevra`
 - `schedulePackageRemoveByNevra`
 - `schedulePackageUpdate`
 - `scheduleProductMigration`
 - `scheduleProductMigration`
 - `scheduleProductMigration`
 - `scheduleProductMigration`
 - `scheduleProductMigration`
 - `scheduleReboot`
 - `scheduleSPMigration`
 - `scheduleSPMigration`
 - `scheduleSPMigration`
 - `scheduleSPMigration`
 - `scheduleScriptRun`
 - `scheduleScriptRun`

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- `scheduleScriptRun`
 - `scheduleScriptRun`
 - `scheduleSyncPackagesWithSystem`
 - `searchByName`
 - `sendOsaPing`
 - `setBaseChannel`
 - `setChildChannels`
 - `setCoCoAttestationConfig`
 - `setCustomValues`
 - `setDetails`
 - `setGroupMembership`
 - `setLockStatus`
 - `setPillar`
 - `setPillar`
 - `setPrimaryFqdn`
 - `setPrimaryInterface`
 - `setProfileName`
 - `setVariables`
 - `tagLatestSnapshot`
 - `unentitle`
 - `updatePackageState`
 - `updatePeripheralServerInfo`
 - `upgradeEntitlement`
 - `whoRegistered`

Chapter 717. Description

Provides methods to access and modify registered system.

Namespace:

system

Chapter 718. Method: addEntitlements

HTTP POST

Description:

Add entitlements to a server. Entitlements a server already has are quietly ignored.

Parameters:

- string sessionKey
- int sid
- string array entitlements

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 719. Method: addNote

HTTP POST

Description:

Add a new note to the given server.

Parameters:

- string sessionKey
- int sid
- string subject - What the note is about.
- string body - Content of the note.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 720. Method: bootstrap

HTTP POST

Description:

Bootstrap a system for management via either Salt or Salt SSH.

Parameters:

- string sessionKey
- string host - Hostname or IP address of target
- int sshPort - SSH port on target machine
- string sshUser - SSH user on target machine
- string sshPassword - SSH password of given user
- string activationKey - Activation key
- boolean saltSSH - Manage system with Salt SSH

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 721. Method: bootstrap

HTTP POST

Description:

Bootstrap a system for management via either Salt or Salt SSH.

Parameters:

- string sessionKey
- string host - Hostname or IP address of target
- int sshPort - SSH port on target machine
- string sshUser - SSH user on target machine
- string sshPassword - SSH password of given user
- string activationKey - Activation key
- int proxyId - System ID of proxy to use
- boolean saltSSH - Manage system with Salt SSH

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 722. Method: bootstrap

HTTP POST

Description:

Bootstrap a system for management via either Salt or Salt SSH.

Parameters:

- string sessionKey
- string host - Hostname or IP address of target
- int sshPort - SSH port on target machine
- string sshUser - SSH user on target machine
- string sshPassword - SSH password of given user
- string activationKey - Activation key
- string reactivationKey - Reactivation key
- boolean saltSSH - Manage system with Salt SSH

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 723. Method: bootstrap

HTTP POST

Description:

Bootstrap a system for management via either Salt or Salt SSH.

Parameters:

- string sessionKey
- string host - Hostname or IP address of target
- int sshPort - SSH port on target machine
- string sshUser - SSH user on target machine
- string sshPassword - SSH password of given user
- string activationKey - Activation key
- string reactivationKey - Reactivation key
- int proxyId - System ID of proxy to use
- boolean saltSSH - Manage system with Salt SSH

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 724. Method: bootstrapWithPrivateSshKey

HTTP POST

Description:

Bootstrap a system for management via either Salt or Salt SSH. Use SSH private key for authentication.

Parameters:

- string sessionKey
- string host - Hostname or IP address of target
- int sshPort - SSH port on target machine
- string sshUser - SSH user on target machine
- string sshPrivKey - SSH private key as a string in PEM format
- string sshPrivKeyPass - SSH passphrase for the key (use empty string for no passphrase)
- string activationKey - Activation key
- boolean saltSSH - Manage system with Salt SSH

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 725. Method: bootstrapWithPrivateSshKey

HTTP POST

Description:

Bootstrap a system for management via either Salt or Salt SSH. Use SSH private key for authentication.

Parameters:

- string sessionKey
- string host - Hostname or IP address of target
- int sshPort - SSH port on target machine
- string sshUser - SSH user on target machine
- string sshPrivKey - SSH private key as a string in PEM format
- string sshPrivKeyPass - SSH passphrase for the key (use empty string for no passphrase)
- string activationKey - Activation key
- int proxyId - System ID of proxy to use
- boolean saltSSH - Manage system with Salt SSH

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 726. Method: bootstrapWithPrivateSshKey

HTTP POST

Description:

Bootstrap a system for management via either Salt or Salt SSH. Use SSH private key for authentication.

Parameters:

- string sessionKey
- string host - Hostname or IP address of target
- int sshPort - SSH port on target machine
- string sshUser - SSH user on target machine
- string sshPrivKey - SSH private key as a string in PEM format
- string sshPrivKeyPass - SSH passphrase for the key (use empty string for no passphrase)
- string activationKey - Activation key
- string reactivationKey - Reactivation key
- boolean saltSSH - Manage system with Salt SSH

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 727. Method: bootstrapWithPrivateSshKey

HTTP POST

Description:

Bootstrap a system for management via either Salt or Salt SSH. Use SSH private key for authentication.

Parameters:

- string sessionKey
- string host - Hostname or IP address of target
- int sshPort - SSH port on target machine
- string sshUser - SSH user on target machine
- string sshPrivKey - SSH private key as a string in PEM format
- string sshPrivKeyPass - SSH passphrase for the key (use empty string for no passphrase)
- string activationKey - Activation key
- string reactivationKey - Reactivation key
- int proxyId - System ID of proxy to use
- boolean saltSSH - Manage system with Salt SSH

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 728. Method: changeProxy

HTTP POST

Description:

Connect given systems to another proxy.

Parameters:

- string sessionKey
- int array sids
- int proxyId

Returns:

- int array actionIds

Chapter 729. Method: comparePackageProfile

HTTP POST

Description:

Compare a system's packages against a package profile. In the result returned, 'this_system' represents the server provided as an input and 'other_system' represents the profile provided as an input.

Parameters:

- string sessionKey
- int sid
- string profileLabel

Returns:

- array :
- struct package metadata
 - int "package_name_id"
 - string "package_name"
 - string "package_epoch"
 - string "package_version"
 - string "package_release"
 - string "package_arch"
 - string "this_system" - version of package on this system
 - string "other_system" - version of package on the other system
 - int "comparison"
 - 0 - no difference
 - 1 - package on this system only
 - 2 - newer package version on this system
 - 3 - package on other system only
 - 4 - newer package version on other system

Chapter 730. Method: comparePackages

HTTP POST

Description:

Compares the packages installed on two systems.

Parameters:

- string sessionKey
- int sid1
- int sid2

Returns:

- array :
- struct package metadata
 - int "package_name_id"
 - string "package_name"
 - string "package_epoch"
 - string "package_version"
 - string "package_release"
 - string "package_arch"
 - string "this_system" - version of package on this system
 - string "other_system" - version of package on the other system
 - int "comparison"
 - 0 - no difference
 - 1 - package on this system only
 - 2 - newer package version on this system
 - 3 - package on other system only
 - 4 - newer package version on other system

Chapter 731. Method: createPackageProfile

HTTP POST

Description:

Create a new stored Package Profile from a systems installed package list.

Parameters:

- string sessionKey
- int sid
- string profileLabel
- string description

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 732. Method: createSystemProfile

HTTP POST

Description:

Creates a system record in database for a system that is not registered. Either "hwAddress" or "hostname" prop must be specified in the "data" struct. If a system(s) matching given data exists, a SystemsExistFaultException is thrown which contains matching system IDs in its message.

Parameters:

- string sessionKey
- string systemName - System name
- struct data
 - string "hwAddress" - The HW address of the network interface (MAC)
 - string "hostname" - The hostname of the profile

Returns:

- int systemId - The id of the created system

Chapter 733. Method: createSystemRecord

HTTP POST

Description:

Creates a cobbler system record with the specified kickstart label

Parameters:

- string sessionKey
- int sid
- string ksLabel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 734. Method: createSystemRecord

HTTP POST

Description:

Creates a cobbler system record for a system that is not registered.

Parameters:

- string sessionKey
- string systemName
- string ksLabel
- string kOptions
- string comment
- array netDevices
 - struct network device
 - string "name"
 - string "ip"
 - string "mac"
 - string "dnsname"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 735. Method: deleteCustomValues

HTTP POST

Description:

Delete the custom values defined for the custom system information keys provided from the given system. (Note: Attempt to delete values of non-existing keys throws exception. Attempt to delete value of existing key which has assigned no values doesn't throw exception.)

Parameters:

- string sessionKey
- int sid
- string array keys

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 736. Method: deleteGuestProfiles

HTTP POST

Description:

Delete the specified list of guest profiles for a given host

Parameters:

- string sessionKey
- int hostId
- string array guestNames

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 737. Method: deleteNote

HTTP POST

Description:

Deletes the given note from the server.

Parameters:

- string sessionKey
- int sid
- int noteId

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 738. Method: deleteNotes

HTTP POST

Description:

Deletes all notes from the server.

Parameters:

- string sessionKey
- int sid

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 739. Method: deletePackageProfile

HTTP POST

Description:

Delete a package profile

Parameters:

- string sessionKey
- int profileId

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 740. Method: deleteSystem

HTTP POST

Description:

Delete a system given its client certificate.

Parameters:

- string clientCert - client certificate of the system

Returns:

- int - 1 on success, exception thrown otherwise.

Available since API version: 10.10

Chapter 741. Method: deleteSystem

HTTP POST

Description:

Delete a system given its server id synchronously without cleanup

Parameters:

- string sessionKey
- int sid

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 742. Method: deleteSystem

HTTP POST

Description:

Delete a system given its server id synchronously

Parameters:

- string sessionKey
- int sid
- string cleanupType - Possible values: 'FAIL_ON_CLEANUP_ERR' - fail in case of cleanup error, 'NO_CLEANUP' - do not cleanup, just delete, 'FORCE_DELETE' - Try cleanup first but delete server anyway in case of error

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 743. Method: deleteSystems

HTTP POST

Description:

Delete systems given a list of system ids asynchronously.

Parameters:

- string sessionKey
- int array sids

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 744. Method: deleteSystems

HTTP POST

Description:

Delete systems given a list of system ids asynchronously.

Parameters:

- string sessionKey
- int array sids
- string cleanupType - Possible values: 'FAIL_ON_CLEANUP_ERR' - fail in case of cleanup error, 'NO_CLEANUP' - do not cleanup, just delete, 'FORCE_DELETE' - Try cleanup first but delete server anyway in case of error

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 745. Method: deleteTagFromSnapshot

HTTP POST

Description:

Deletes tag from system snapshot

Parameters:

- string sessionKey
- int sid
- string tagName

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 746. Method: downloadSystemId

HTTP POST

Description:

Get the system ID file for a given server.

Parameters:

- string sessionKey
- int sid

Returns:

- string id

Chapter 747. Method: getCoCoAttestationConfig

HTTP GET

Description:

Return the Confidential Compute Attestation configuration for the given system id

Parameters:

- string sessionKey
- int sid - ID of the server to get the config for.

Returns:

- * struct coco_attestation_config
 - boolean "enabled" - true if Confidential Compute Attestation is enabled for this system
 - string "environment_type" - the configured environment type
 - int "system_id" - the ID of the system

Chapter 748. Method: getCoCoAttestationResultDetails

HTTP GET

Description:

Return a specific results with all details

Parameters:

- string sessionKey
- int sid
- int resultId

Returns:

- * struct result
 - int "result_id"
 - string "result_type"
 - string "result_status"
 - string "result_description"
 - dateTime.iso8601 "result_attested"
 - string "result_details"

Chapter 749. Method: getConnectionPath

HTTP GET

Description:

Get the list of proxies that the given system connects through in order to reach the server.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
- struct proxy connection path details
 - int "position" - position of proxy in chain. The proxy that the system connects directly to is listed in position 1.
 - int "id" - proxy system ID
 - string "hostname" - proxy host name

Chapter 750. Method: getCpu

HTTP GET

Description:

Gets the CPU information of a system.

Parameters:

- string sessionKey
- int sid

Returns:

- * struct CPU
 - string "cache"
 - string "family"
 - string "mhz"
 - string "flags"
 - string "model"
 - string "vendor"
 - string "arch"
 - string "stepping"
 - string "count"
 - int "socket_count (if available)"
 - int "core_count (if available) number of cores per socket"
 - int "thread_count (if available) number of threads per core"

Chapter 751. Method: getCustomValues

HTTP GET

Description:

Get the custom data values defined for the server.

Parameters:

- string sessionKey
- int sid

Returns:

- struct custom value
 - string "custom info label"

Chapter 752. Method: getDetails

HTTP GET

Description:

Get system details.

Parameters:

- string sessionKey
- int sid

Returns:

- * struct server details
 - int "id" - system ID
 - string "profile_name"
 - string "machine_id"
 - boolean "payg" - Whether the server instance is payg or not
 - string "minion_id"
 - string "base_entitlement" - system's base entitlement label
 - string array "addon_entitlements" - system's addon entitlements labels, currently only 'virtualization_host'
 - boolean "auto_update" - true if system has auto errata updates enabled
 - string "release" - the operating system release (i.e. 4AS, 5Server)
 - string "address1"
 - string "address2"
 - string "city"
 - string "state"
 - string "country"
 - string "building"
 - string "room"
 - string "rack"
 - string "description"

-
- string "hostname"
 - dateTime.iso8601 "last_boot"
 - string "osa_status" - either 'unknown', 'offline', or 'online'
 - boolean "lock_status" - True indicates that the system is locked. False indicates that the system is unlocked.
 - string "virtualization" - virtualization type - for virtual guests only (optional)
 - string "contact_method" - one of the following:
 - default
 - ssh-push
 - ssh-push-tunnel

Chapter 753. Method: getDevices

HTTP GET

Description:

Gets a list of devices for a system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
- struct device
 - string "device" - optional
 - string "device_class" - Includes CDROM, FIREWIRE, HD, USB, VIDEO, OTHER, etc.
 - string "driver"
 - string "description"
 - string "bus"
 - string "pcitype"

Chapter 754. Method: getDmi

HTTP GET

Description:

Gets the DMI information of a system.

Parameters:

- string sessionKey
- int sid

Returns:

- * struct DMI
 - string "vendor"
 - string "system"
 - string "product"
 - string "asset"
 - string "board"
 - string "bios_release" - (optional)
 - string "bios_vendor" - (optional)
 - string "bios_version" - (optional)

Chapter 755. Method: getEntitlements

HTTP GET

Description:

Gets the entitlements for a given server.

Parameters:

- string sessionKey
- int sid

Returns:

- string array entitlement_label

Chapter 756. Method: `getEventDetails`

HTTP GET

Description:

Returns the details of the event associated with the specified server and event. The event id must be a value returned by the `system.getEventHistory` API.

Parameters:

- string `sessionKey`
- int `sid`
- int `eid` - ID of the event

Returns:

- array :
- struct system event
 - int "id" - ID of the event
 - string "history_type" - type of history event
 - string "status" - status of the event
 - string "summary" - summary of the event
 - dateTime.iso8601 "created" - date that the event was created
 - dateTime.iso8601 "picked_up" - date that the event was picked up
 - dateTime.iso8601 "completed" - date that the event occurred
 - dateTime.iso8601 "earliest_action" - earliest date this action could occur
 - string "result_msg" - the result string of the action executed on the client machine (optional)
 - int "result_code" - the result code of the action executed on the client machine (optional)
 - array "additional_info" - additional information for the event, if available
 - struct info
 - string "detail" - The detail provided depends on the specific event. For example, for a package event, this will be the package name, for an errata event, this will be the advisory name and synopsis, for a config file event, this will be path and optional revision information...etc.
 - string "result" - The result (if included) depends on the specific event. For example, for a

package or errata event, no result is included, for a config file event, the result might include an error (if one occurred, such as the file was missing) or in the case of a config file comparison it might include the differences found.

Chapter 757. Method: `getEventHistory` (Deprecated)

HTTP GET

Description:

Returns a list history items associated with the system, ordered from newest to oldest. Note that the details may be empty for events that were scheduled against the system (as compared to instant). For more information on such events, see the `system.listSystemEvents` operation. Note: This version of the method is deprecated and the return value will be changed in a future API version. Please one of the other overloaded versions of `getEventHistory`.

Deprecated - This version of the method is deprecated and the return value will be changed in a future API version. Please one of the other overloaded versions of `getEventHistory`.

Parameters:

- `string sessionKey`
- `int sid`

Returns:

- `array :`
- `struct history event`
 - `dateTime.iso8601 "completed"` - date that the event occurred (optional)
 - `string "summary"` - summary of the event
 - `string "details"` - details of the event

Chapter 758. Method: `getEventHistory`

HTTP GET

Description:

Returns a list of history items associated with the system happened after the specified date. The list is paged and ordered from newest to oldest.

Parameters:

- `string sessionKey`
- `int sid`
- `dateTime.iso8601 earliestDate`
- `int offset` - Number of results to skip
- `int limit` - Maximum number of results

Returns:

- `array` :
- `struct system event`
 - `int "id"` - ID of the event
 - `string "history_type"` - type of history event
 - `string "status"` - status of the event
 - `string "summary"` - summary of the event
 - `dateTime.iso8601 "completed"` - date that the event occurred

Chapter 759. Method: `getEventHistory`

HTTP GET

Description:

Returns a list of history items associated with the system. The list is paged and ordered from newest to oldest.

Parameters:

- string `sessionKey`
- int `sid`
- int `offset` - Number of results to skip
- int `limit` - Maximum number of results

Returns:

- array :
- struct system event
 - int "id" - ID of the event
 - string "history_type" - type of history event
 - string "status" - status of the event
 - string "summary" - summary of the event
 - dateTime.iso8601 "completed" - date that the event occurred

Chapter 760. Method: `getEventHistory`

HTTP GET

Description:

Returns a list of history items associated with the system happened after the specified date. The list is ordered from newest to oldest.

Parameters:

- `string sessionKey`
- `int sid`
- `dateTime.iso8601 earliestDate`

Returns:

- `array :`
- `struct system event`
 - `int "id"` - ID of the event
 - `string "history_type"` - type of history event
 - `string "status"` - status of the event
 - `string "summary"` - summary of the event
 - `dateTime.iso8601 "completed"` - date that the event occurred

Chapter 761. Method: getId

HTTP GET

Description:

Get system IDs and last check in information for the given system name.

Parameters:

- string `sessionKey`
- string `name`

Returns:

- array :
- struct `system`
 - int `"id"`
 - string `"name"`
 - dateTime.iso8601 `"last_checkin"` - last time server successfully checked in
 - dateTime.iso8601 `"created"` - server registration time
 - dateTime.iso8601 `"last_boot"` - last server boot time
 - int `"extra_pkg_count"` - number of packages not belonging to any assigned channel
 - int `"outdated_pkg_count"` - number of out-of-date packages

Chapter 762. Method: getInstalledProducts

HTTP GET

Description:

Get a list of installed products for given system

Parameters:

- User loggedInUser
- int sid

Returns:

- array :
- struct installed product
 - string "name"
 - boolean "isBaseProduct"
 - string "version" - returned only if applies
 - string "arch" - returned only if applies
 - string "release" - returned only if applies
 - string "friendlyName" - returned only if available

Chapter 763. Method: getKernelLivePatch

HTTP GET

Description:

Returns the currently active kernel live patching version relative to the running kernel version of the system, or empty string if live patching feature is not in use for the given system.

Parameters:

- string sessionKey
- int sid

Returns:

- string

Chapter 764. Method: getLatestCoCoAttestationReport

HTTP GET

Description:

Return the latest report for the given system

Parameters:

- string sessionKey
- int sid

Returns:

- * struct reportResults
 - int "report_id"
 - string "report_status"
 - dateTime.iso8601 "report_created"
 - dateTime.iso8601 "report_modified"
 - array "results"
 - struct result
 - int "result_id"
 - string "result_type"
 - string "result_status"
 - string "result_description"
 - dateTime.iso8601 "result_attested"

Chapter 765. Method: getMemory

HTTP GET

Description:

Gets the memory information for a system.

Parameters:

- string sessionKey
- int sid

Returns:

- struct memory
 - int "ram" - The amount of physical memory in MB.
 - int "swap" - The amount of swap space in MB.

Chapter 766. Method: getMinionIdMap

HTTP GET

Description:

Return a map from Salt minion IDs to System IDs. Map entries are limited to systems that are visible by the current user.

Parameters:

- string sessionKey

Returns:

- map id_map - minion IDs to system IDs

Chapter 767. Method: getName

HTTP GET

Description:

Get system name and last check in information for the given system ID.

Parameters:

- string sessionKey
- string sid

Returns:

- struct name info
 - int "id" - Server id
 - string "name" - Server name
 - dateTime.iso8601 "last_checkin" - Last time server successfully checked in

Chapter 768. Method: getNetwork

HTTP GET

Description:

Get the addresses and hostname for a given server.

Parameters:

- string sessionKey
- int sid

Returns:

- struct network info
 - string "ip" - IPv4 address of server
 - string "ip6" - IPv6 address of server
 - string "hostname" - Hostname of server

Chapter 769. Method: getNetworkDevices

HTTP GET

Description:

Returns the network devices for the given server.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
- struct network device
 - string "ip" - IP address assigned to this network device
 - string "interface" - network interface assigned to device, e.g. eth0
 - string "netmask" - network mask assigned to device
 - string "hardware_address" - hardware address of device
 - string "module" - network driver used for this device
 - string "broadcast" - broadcast address for device
 - array "ipv6" - the list of IPv6 addresses
 - struct ipv6 address
 - string "address" - IPv6 address of this network device
 - string "netmask" - IPv6 netmask of this network device
 - string "scope" - IPv6 address scope
 - array "ipv4" - the list of IPv4 addresses
 - struct ipv4 address
 - string "address" - IPv4 address of this network device
 - string "netmask" - IPv4 netmask of this network device
 - string "broadcast" - IPv4 broadcast address of this network device

Chapter 770. Method: getNetworkForSystems

HTTP GET

Description:

Get the addresses and hostname for a given list of systems.

Parameters:

- string sessionKey
- int array sids

Returns:

- array :
 - struct network info
 - int "system_id" - ID of the system
 - string "ip" - IPv4 address of system
 - string "ip6" - IPv6 address of system
 - string "hostname" - Hostname of system
 - string "primary_fqdn" - Primary FQDN of system

Chapter 771. Method: getOsaPing

HTTP GET

Description:

get details about a ping sent to a system using OSA

Parameters:

- User loggedInUser
- int sid

Returns:

- struct osaPing
 - string "state" - state of the system (unknown, online, offline)
 - dateTime.iso8601 "lastMessageTime" - time of the last received response (1970/01/01 00:00:00 if never received a response)
 - dateTime.iso8601 "lastPingTime" - time of the last sent ping (1970/01/01 00:00:00 if no ping is pending)

Chapter 772. Method: getPillar

HTTP GET

Description:

Get pillar data of given category for given system

Parameters:

- string sessionKey
- int systemId
- string category

Returns:

- struct the pillar data

Chapter 773. Method: getPillar

HTTP GET

Description:

Get pillar data of given category for given system

Parameters:

- string sessionKey
- int minionId
- string category

Returns:

- struct the pillar data

Chapter 774. Method: getRegistrationDate

HTTP GET

Description:

Returns the date the system was registered.

Parameters:

- string sessionKey
- int sid

Returns:

- dateTime.iso8601 date - The date the system was registered, in local time

Chapter 775. Method: getRelevantErrata

HTTP GET

Description:

Returns a list of all errata that are relevant to the system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "issue_date" - the date erratum was updated (deprecated)
 - string "date" - the date erratum was created (deprecated)
 - string "update_date" - the date erratum was updated (deprecated)
 - string "advisory_synopsis" - summary of the erratum
 - string "advisory_type" - type label such as 'Security', 'Bug Fix'
 - string "advisory_status" - status label such as 'final', 'testing', 'retracted'
 - string "advisory_name" - name such as 'RHSA', etc.
 - boolean "reboot_suggested" - A boolean flag signaling whether a system reboot is advisable following the application of the errata. Typical example is upon kernel update.
 - boolean "restart_suggested" - A boolean flag signaling a weather reboot of the package manager is advisable following the application of the errata. This is commonly used to address update stack issues before proceeding with other updates.

Chapter 776. Method: getRelevantErrata

HTTP GET

Description:

Returns a list of all errata that are relevant to a list of systems.

Parameters:

- string sessionKey
- int array sids

Returns:

- array :
 - struct server_errata
 - string "system_id" - The ID of the system
 - array "errata" - An array of available errata infos
- struct errata
 - int "id" - errata ID
 - string "issue_date" - the date erratum was updated (deprecated)
 - string "date" - the date erratum was created (deprecated)
 - string "update_date" - the date erratum was updated (deprecated)
 - string "advisory_synopsis" - summary of the erratum
 - string "advisory_type" - type label such as 'Security', 'Bug Fix'
 - string "advisory_status" - status label such as 'final', 'testing', 'retracted'
 - string "advisory_name" - name such as 'RHSA', etc.
 - boolean "reboot_suggested" - A boolean flag signaling whether a system reboot is advisable following the application of the errata. Typical example is upon kernel update.
 - boolean "restart_suggested" - A boolean flag signaling a weather reboot of the package manager is advisable following the application of the errata. This is commonly used to address update stack issues before proceeding with other updates.

Chapter 777. Method: getRelevantErrataByType

HTTP GET

Description:

Returns a list of all errata of the specified type that are relevant to the system.

Parameters:

- string sessionKey
- int sid
- string advisoryType - type of advisory (one of the following: 'Security Advisory', 'Product Enhancement Advisory', 'Bug Fix Advisory')

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "issue_date" - the date erratum was updated (deprecated)
 - string "date" - the date erratum was created (deprecated)
 - string "update_date" - the date erratum was updated (deprecated)
 - string "advisory_synopsis" - summary of the erratum
 - string "advisory_type" - type label such as 'Security', 'Bug Fix'
 - string "advisory_status" - status label such as 'final', 'testing', 'retracted'
 - string "advisory_name" - name such as 'RHSA', etc.
 - boolean "reboot_suggested" - A boolean flag signaling whether a system reboot is advisable following the application of the errata. Typical example is upon kernel update.
 - boolean "restart_suggested" - A boolean flag signaling a weather reboot of the package manager is advisable following the application of the errata. This is commonly used to address update stack issues before proceeding with other updates.

Chapter 778. Method: getRunningKernel

HTTP GET

Description:

Returns the running kernel of the given system.

Parameters:

- string sessionKey
- int sid

Returns:

- string kernel

Chapter 779. Method: getScriptActionDetails

HTTP GET

Description:

Returns script details for script run actions

Parameters:

- string sessionKey
- int actionId - ID of the script run action.

Returns:

- struct Script details
 - int "id" - action id
 - string "content" - script content
 - string "run_as_user" - Run as user
 - string "run_as_group" - Run as group
 - int "timeout" - Timeout in seconds
 - array :
- struct script result
 - int "serverId" - ID of the server the script runs on
 - dateTime.iso8601 "startDate" - time script began execution
 - dateTime.iso8601 "stopDate" - time script stopped execution
 - int "returnCode" - script execution return code
 - string "output" - output of the script (base64 encoded according to the output_enc64 attribute)
 - boolean "output_enc64" - identifies base64 encoded output

Chapter 780. Method: getScriptResults

HTTP POST

Description:

Fetch results from a script execution. Returns an empty array if no results are yet available.

Parameters:

- string `sessionKey`
- int `actionId` - ID of the script run action.

Returns:

- array :
- struct script result
 - int "serverId" - ID of the server the script runs on
 - dateTime.iso8601 "startDate" - time script began execution
 - dateTime.iso8601 "stopDate" - time script stopped execution
 - int "returnCode" - script execution return code
 - string "output" - output of the script (base64 encoded according to the `output_enc64` attribute)
 - boolean "output_enc64" - identifies base64 encoded output

Chapter 781. Method: getSubscribedBaseChannel

HTTP GET

Description:

Provides the base channel of a given system

Parameters:

- string sessionKey
- int sid

Returns:

- * struct channel
 - int "id"
 - string "name"
 - string "label"
 - string "arch_name"
 - string "arch_label"
 - string "summary"
 - string "description"
 - string "checksum_label"
 - dateTime.iso8601 "last_modified"
 - string "maintainer_name"
 - string "maintainer_email"
 - string "maintainer_phone"
 - string "support_policy"
 - string "gpg_key_url"
 - string "gpg_key_id"
 - string "gpg_key_fp"
 - dateTime.iso8601 "yumrepo_last_sync" - (optional)
 - string "end_of_life"

-
- string "parent_channel_label"
 - string "clone_original"
 - array "contentSources"
 - struct content source
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"

Chapter 782. Method: `getSystemCurrencyMultipliers`

HTTP GET

Description:

Get the System Currency score multipliers

Parameters:

- string `sessionKey`

Returns:

- map `multipliers` - Map of score multipliers

Chapter 783. Method: getSystemCurrencyScores

HTTP GET

Description:

Get the System Currency scores for all servers the user has access to

Parameters:

- string sessionKey

Returns:

- array :
 - struct system currency
 - int "sid"
 - int "critical security errata count"
 - int "important security errata count"
 - int "moderate security errata count"
 - int "low security errata count"
 - int "bug fix errata count"
 - int "enhancement errata count"
 - int "system currency score"

Chapter 784. Method: getUnscheduledErrata

HTTP GET

Description:

Provides an array of errata that are applicable to a given system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
- struct errata
 - int "id" - errata ID
 - string "date" - the date erratum was created
 - string "advisory_type" - type of the advisory
 - string "advisory_status" - status of the advisory
 - string "advisory_name" - name of the advisory
 - string "advisory_synopsis" - summary of the erratum

Chapter 785. Method: getUuid

HTTP GET

Description:

Get the UUID from the given system ID.

Parameters:

- string sessionKey
- int sid

Returns:

- string uuid

Chapter 786. Method: getVariables

HTTP GET

Description:

Lists kickstart variables set in the system record for the specified server. Note: This call assumes that a system record exists in cobbler for the given system and will raise an XMLRPC fault if that is not the case. To create a system record over xmlrpc use `system.createSystemRecord`

To create a system record in the Web UI please go to
System > Specified System > Provisioning >
Select a Kickstart profile > Create Cobbler System Record.

Parameters:

- string sessionKey
- int sid

Returns:

- struct System kickstart variables
 - boolean "netboot" - netboot enabled
 - array "kickstart variables"
 - struct kickstart variable
 - string "key"
 - string or int "value"

Chapter 787. Method: isNvreInstalled

HTTP GET

Description:

Check if the package with the given NVRE is installed on given system.

Parameters:

- string sessionKey
- int sid
- string name - Package name.
- string version - Package version.
- string release - Package release.

Returns:

- int status - 1 if package exists, 0 if not, exception is thrown if an error occurs

Chapter 788. Method: isNvreInstalled

HTTP GET

Description:

Is the package with the given NVRE installed on given system.

Parameters:

- string sessionKey
- int sid
- string name - Package name.
- string version - Package version.
- string release - Package release.
- string epoch - Package epoch.

Returns:

- int status - 1 if package exists, 0 if not, exception is thrown if an error occurs

Chapter 789. Method: listActivationKeys

HTTP GET

Description:

List the activation keys the system was registered with. An empty list will be returned if an activation key was not used during registration.

Parameters:

- string sessionKey
- int sid

Returns:

- string array key

Chapter 790. Method: listActiveSystems

HTTP GET

Description:

Returns a list of active servers visible to the user.

Parameters:

- string sessionKey

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time

Chapter 791. Method: listActiveSystemsDetails

HTTP GET

Description:

Given a list of server ids, returns a list of active servers' details visible to the user.

Parameters:

- string sessionKey
- int array sids

Returns:

- array :
 - struct server details
 - int "id" - The server's id
 - string "name" - The server's name
 - boolean "payg" - Whether the server instance is payg or not
 - string "minion_id" - The server's minion id, in case it is a salt minion client
 - dateTime.iso8601 "last_checkin" - Last time server successfully checked in (in UTC)
 - int "ram" - The amount of physical memory in MB.
 - int "swap" - The amount of swap space in MB.
 - struct "network_devices" - The server's network devices
- struct network device
 - string "ip" - IP address assigned to this network device
 - string "interface" - network interface assigned to device, e.g. eth0
 - string "netmask" - network mask assigned to device
 - string "hardware_address" - hardware address of device
 - string "module" - network driver used for this device
 - string "broadcast" - broadcast address for device
 - array "ipv6" - the list of IPv6 addresses
 - struct ipv6 address

- string "address" - IPv6 address of this network device
 - string "netmask" - IPv6 netmask of this network device
 - string "scope" - IPv6 address scope
- array "ipv4" - the list of IPv4 addresses
 - struct ipv4 address
 - string "address" - IPv4 address of this network device
 - string "netmask" - IPv4 netmask of this network device
 - string "broadcast" - IPv4 broadcast address of this network device
 - struct "dmi_info" - The server's dmi info
- struct DMI
 - string "vendor"
 - string "system"
 - string "product"
 - string "asset"
 - string "board"
 - string "bios_release" - (optional)
 - string "bios_vendor" - (optional)
 - string "bios_version" - (optional)
 - struct "cpu_info" - The server's cpu info
- struct CPU
 - string "cache"
 - string "family"
 - string "mhz"
 - string "flags"
 - string "model"
 - string "vendor"
 - string "arch"
 - string "stepping"
 - string "count"
 - int "socket_count (if available)"

-
- int "core_count (if available) number of cores per socket"
 - int "thread_count (if available) number of threads per core"
 - array "subscribed_channels" - List of subscribed channels
 - array :
 - struct channel
 - int "channel_id" - The channel id.
 - string "channel_label" - The channel label.
 - array "active_guest_system_ids" - List of virtual guest system ids for active guests
 - array :
 - int "guest_id" - The guest's system id.

Chapter 792. Method: listAdministrators

HTTP GET

Description:

Returns a list of users which can administer the system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
- struct user
 - int "id"
 - string "login"
 - string "login_uc" - upper case version of the login
 - boolean "enabled" - true if user is enabled, false if the user is disabled

Chapter 793. Method: listAllInstallablePackages

HTTP GET

Description:

Get the list of all installable packages for a given system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
 - struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - int "id"
 - string "arch_label"

Chapter 794. Method: listCoCoAttestationReports

HTTP GET

Description:

Return a list of reports with its results for the given filters

Parameters:

- string sessionKey
- int sid
- dateTime.iso8601 earliest

Returns:

- array :
- struct reportResults
 - int "report_id"
 - string "report_status"
 - dateTime.iso8601 "report_created"
 - dateTime.iso8601 "report_modified"
 - array "results"
 - struct result
 - int "result_id"
 - string "result_type"
 - string "result_status"
 - string "result_description"
 - dateTime.iso8601 "result_attested"

Chapter 795. Method: listCoCoAttestationReports

HTTP GET

Description:

Return a list of reports with its results for the given filters

Parameters:

- string sessionKey
- int sid
- int offset - Number of reports to skip
- int limit - Maximum number of reports

Returns:

- array :
- struct reportResults
 - int "report_id"
 - string "report_status"
 - dateTime.iso8601 "report_created"
 - dateTime.iso8601 "report_modified"
 - array "results"
 - struct result
 - int "result_id"
 - string "result_type"
 - string "result_status"
 - string "result_description"
 - dateTime.iso8601 "result_attested"

Chapter 796. Method: listCoCoAttestationReports

HTTP GET

Description:

Return a list of reports with its results for the given filters

Parameters:

- string sessionKey
- int sid
- dateTime.iso8601 earliest
- int offset - Number of reports to skip
- int limit - Maximum number of reports

Returns:

- array :
- struct reportResults
 - int "report_id"
 - string "report_status"
 - dateTime.iso8601 "report_created"
 - dateTime.iso8601 "report_modified"
 - array "results"
 - struct result
 - int "result_id"
 - string "result_type"
 - string "result_status"
 - string "result_description"
 - dateTime.iso8601 "result_attested"

Chapter 797. Method: listDuplicatesByHostname

HTTP GET

Description:

List duplicate systems by Hostname.

Parameters:

- string sessionKey

Returns:

- array :
 - struct Duplicate Group
 - string "hostname"
 - array "systems"
- struct system
 - int "systemId"
 - string "systemName"
 - dateTime.iso8601 "last_checkin" - last time the server successfully checked in

Chapter 798. Method: listDuplicatesByIp

HTTP GET

Description:

List duplicate systems by IP Address.

Parameters:

- string sessionKey

Returns:

- array :
 - struct Duplicate Group
 - string "ip"
 - array "systems"
- struct system
 - int "systemId"
 - string "systemName"
 - dateTime.iso8601 "last_checkin" - last time the server successfully checked in

Chapter 799. Method: listDuplicatesByMac

HTTP GET

Description:

List duplicate systems by Mac Address.

Parameters:

- string sessionKey

Returns:

- array :
 - struct Duplicate Group
 - string "mac"
 - array "systems"
- struct system
 - int "systemId"
 - string "systemName"
 - dateTime.iso8601 "last_checkin" - last time the server successfully checked in

Chapter 800. Method: listEmptySystemProfiles

HTTP GET

Description:

Returns a list of empty system profiles visible to user (created by the createSystemProfile method).

Parameters:

- string sessionKey

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "created" - Server creation time
 - string array "hw_address" - HW address

Chapter 801. Method: listExtraPackages

HTTP GET

Description:

List extra packages for a system

Parameters:

- string sessionKey
- int sid

Returns:

- array :
 - struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch" - returned only if non-zero
 - string "arch"
 - date "installtime" - returned only if known

Chapter 802. Method: listFqdns

HTTP GET

Description:

Provides a list of FQDNs associated with a system.

Parameters:

- string sessionKey
- int sid

Returns:

- string array fqdn

Chapter 803. Method: listGroups

HTTP GET

Description:

List the available groups for a given system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
 - struct system group
 - int "id" - server group id
 - int "subscribed" - 1 if the given server is subscribed to this server group, 0 otherwise
 - string "system_group_name" - Name of the server group
 - string "sgid" - server group id (Deprecated)

Chapter 804. Method: listInactiveSystems

HTTP GET

Description:

Lists systems that have been inactive for the default period of inactivity

Parameters:

- string sessionKey

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time

Chapter 805. Method: listInactiveSystems

HTTP GET

Description:

Lists systems that have been inactive for the specified number of days..

Parameters:

- string sessionKey
- int days

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time

Chapter 806. Method: listInstalledPackages

HTTP GET

Description:

List the installed packages for a given system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
 - struct package
 - int "package_id" - PackageID, -1 if package is installed but not available in subscribed channels
 - string "name"
 - string "epoch"
 - string "version"
 - string "release"
 - string "arch" - architecture label
 - date "installtime" - returned only if known
 - boolean "retracted"

Chapter 807. Method: listLatestAvailablePackage

HTTP GET

Description:

Get the latest available version of a package for each system

Parameters:

- string sessionKey
- int array sids
- string packageName

Returns:

- array :
 - struct system
 - int "id" - server ID
 - string "name" - server name
 - struct "package" - package structure
 - struct package
 - int "id"
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - string "arch"

Chapter 808. Method: listLatestInstallablePackages

HTTP GET

Description:

Get the list of latest installable packages for a given system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
 - struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - int "id"
 - string "arch_label"

Chapter 809. Method: listLatestUpgradablePackages

HTTP GET

Description:

Get the list of latest upgradable packages for a given system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
 - struct package
 - string "name"
 - string "arch"
 - string "from_version"
 - string "from_release"
 - string "from_epoch"
 - string "to_version"
 - string "to_release"
 - string "to_epoch"
 - string "to_package_id"

Chapter 810. Method: listMigrationTargets

HTTP GET

Description:

List possible migration targets for a system

Parameters:

- string sessionKey
- int sid

Returns:

- array :
 - struct migrationtarget
 - string "ident"
 - string "friendly"

Chapter 811. Method: listMigrationTargets

HTTP GET

Description:

List possible migration targets for a system, if `excludeTargetWhereMissingSuccessors` is false then valid targets without some successors will also be listed.

Parameters:

- string `sessionKey`
- int `sid`
- boolean `excludeTargetWhereMissingSuccessors`

Returns:

- array :
 - struct `migrationtarget`
 - string `"ident"`
 - string `"friendly"`

Chapter 812. Method: listNewerInstalledPackages

HTTP GET

Description:

Given a package name, version, release, and epoch, returns the list of packages installed on the system w/ the same name that are newer.

Parameters:

- string sessionKey
- int sid
- string name - Package name.
- string version - Package version.
- string release - Package release.
- string epoch - Package epoch.

Returns:

- array :
 - struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"

Chapter 813. Method: listNotes

HTTP GET

Description:

Provides a list of notes associated with a system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
- struct note details
 - int "id"
 - string "subject" - subject of the note
 - string "note" - contents of the note
 - int "system_id" - the ID of the system associated with the note
 - string "creator" - creator of the note if exists (optional)
 - date "updated" - date of the last note update

Chapter 814. Method: listOlderInstalledPackages

HTTP GET

Description:

Given a package name, version, release, and epoch, returns the list of packages installed on the system with the same name that are older.

Parameters:

- string sessionKey
- int sid
- string name - Package name.
- string version - Package version.
- string release - Package release.
- string epoch - Package epoch.

Returns:

- array :
 - struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"

Chapter 815. Method: listOutOfDateSystems

HTTP GET

Description:

Returns list of systems needing package updates.

Parameters:

- string sessionKey

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time
 - int "extra_pkg_count" - number of packages not belonging to any assigned channel
 - int "outdated_pkg_count" - number of out-of-date packages

Chapter 816. Method: listPackageProfiles

HTTP GET

Description:

List the package profiles in this organization

Parameters:

- string sessionKey

Returns:

- array :
- struct package profile
 - int "id"
 - string "name"
 - string "channel"

Chapter 817. Method: listPackageState

HTTP GET

Description:

List possible migration targets for a system

Parameters:

- string sessionKey
- int sid

Returns:

- array :
- struct package state
 - int "id"
 - string "name"
 - int "state_revision_id" - state revision ID
 - string "package_state_type_id" - 'INSTALLED' or 'REMOVED'
 - string "version_constraint_id" - 'LATEST' or 'ANY'

Chapter 818. Method: listPackages (Deprecated)

HTTP GET

Description:

List the installed packages for a given system. Usage of `listInstalledPackages` is preferred, as it returns architecture label (not name).

Deprecated - This is here for backwards compatibility: The method returns architecture name, whereas the other endpoints return/accept architecture label. Instead of this method, use `listInstalledPackages` preferably.

Parameters:

- string `sessionKey`
- int `sid`

Returns:

- array :
 - struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - string "arch" - Architecture name
 - date "installtime" - returned only if known

Chapter 819. Method: listPackagesFromChannel

HTTP GET

Description:

Provides a list of packages installed on a system that are also contained in the given channel. The installed package list did not include arch information before RHEL 5, so it is arch unaware. RHEL 5 systems do upload the arch information, and thus are arch aware.

Parameters:

- string sessionKey
- int sid
- string channelLabel

Returns:

- array :
- struct package
 - string "name"
 - string "version"
 - string "release"
 - string "epoch"
 - int "id"
 - string "arch_label"
 - dateTime.iso8601 "last_modified"
 - string "path" - the path on that file system that the package resides
 - boolean "part_of_retracted_patch" - true if the package is a part of a retracted patch
 - string "provider" - the provider of the package, determined by the gpg key it was signed with.

Chapter 820. Method: listPackagesLockStatus

HTTP GET

Description:

List current package locks status.

Parameters:

- string sessionKey
- string sid

Returns:

- array :
 - struct package
 - int "package_id" - PackageID, -1 if package is locked but not available in subscribed channels
 - string "name"
 - string "epoch"
 - string "version"
 - string "release"
 - string "arch" - architecture label
 - string "pending status" - return only if there is a pending locking

Chapter 821. Method: listPhysicalSystems

HTTP GET

Description:

Returns a list of all Physical servers visible to the user.

Parameters:

- string sessionKey

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time
 - int "extra_pkg_count" - number of packages not belonging to any assigned channel
 - int "outdated_pkg_count" - number of out-of-date packages

Chapter 822. Method: listSubscribableBaseChannels

HTTP GET

Description:

Returns a list of subscribable base channels.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
 - struct channel
 - int "id" - Base Channel ID.
 - string "name" - Name of channel.
 - string "label" - Label of Channel
 - int "current_base" - 1 indicates it is the current base channel

Chapter 823. Method: listSubscribableChildChannels

HTTP GET

Description:

Returns a list of subscribable child channels. This only shows channels the system is **not** currently subscribed to.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
 - struct child channel
 - int "id"
 - string "name"
 - string "label"
 - string "summary"
 - string "has_license"
 - string "gpg_key_url"

Chapter 824. Method: listSubscribedChildChannels

HTTP GET

Description:

Returns a list of subscribed child channels.

Parameters:

- string sessionId
- int sid

Returns:

- array :
- struct channel
 - int "id"
 - string "name"
 - string "label"
 - string "arch_name"
 - string "arch_label"
 - string "summary"
 - string "description"
 - string "checksum_label"
 - dateTime.iso8601 "last_modified"
 - string "maintainer_name"
 - string "maintainer_email"
 - string "maintainer_phone"
 - string "support_policy"
 - string "gpg_key_url"
 - string "gpg_key_id"
 - string "gpg_key_fp"
 - dateTime.iso8601 "yumrepo_last_sync" - (optional)

-
- string "end_of_life"
 - string "parent_channel_label"
 - string "clone_original"
 - array "contentSources"
 - struct content source
 - int "id"
 - string "label"
 - string "sourceUrl"
 - string "type"

Chapter 825. Method: listSuggestedReboot

HTTP GET

Description:

List systems that require reboot.

Parameters:

- string sessionKey

Returns:

- array :
 - struct system
 - int "id"
 - string "name"

Chapter 826. Method: listSystemEvents

HTTP GET

Description:

List system actions of the specified type that were **scheduled** against the given server after the specified date. "actionType" should be exactly the string returned in the action_type field from the listSystemEvents(sessionKey, serverId) method. For example, 'Package Install' or 'Initiate a kickstart for a virtual guest.' Note: see also system.getEventHistory method which returns a history of all events.

Parameters:

- string sessionKey
- int sid - ID of system.
- string actionType - Type of the action.
- dateTime.iso8601 earliestDate

Returns:

- array :
 - struct action
 - int "failed_count" - Number of times action failed.
 - string "modified" - Date modified. (Deprecated by modified_date)
 - dateTime.iso8601 "modified_date" - Date modified.
 - string "created" - Date created. (Deprecated by created_date)
 - dateTime.iso8601 "created_date" - Date created.
 - string "action_type"
 - int "successful_count" - Number of times action was successful.
 - string "earliest_action" - Earliest date this action will occur.
 - int "archived" - If this action is archived. (1 or 0)
 - string "scheduler_user" - available only if concrete user has scheduled the action
 - string "prerequisite" - Pre-requisite action. (optional)
 - string "name" - Name of this action.
 - int "id" - Id of this action.

- string "version" - Version of action.
- string "completion_time" - The date/time the event was completed. Format ->YYYY-MM-dd hh:mm:ss.ms Eg ->2007-06-04 13:58:13.0. (optional) (Deprecated by completed_date)
- dateTime.iso8601 "completed_date" - The date/time the event was completed. (optional)
- string "pickup_time" - The date/time the action was picked up. Format ->YYYY-MM-dd hh:mm:ss.ms Eg ->2007-06-04 13:58:13.0. (optional) (Deprecated by pickup_date)
- dateTime.iso8601 "pickup_date" - The date/time the action was picked up. (optional)
- string "result_msg" - The result string after the action executes at the client machine. (optional)
- array "additional_info" - This array contains additional information for the event, if available.
 - struct info
 - string "detail" - The detail provided depends on the specific event. For example, for a package event, this will be the package name, for an errata event, this will be the advisory name and synopsis, for a config file event, this will be path and optional revision information...etc.
 - string "result" - The result (if included) depends on the specific event. For example, for a package or errata event, no result is included, for a config file event, the result might include an error (if one occurred, such as the file was missing) or in the case of a config file comparison it might include the differences found.

Available since API version: 10.8

Chapter 827. Method: listSystemEvents

HTTP GET

Description:

List all system actions that were **scheduled** against the given server. This may require the caller to filter the result to fetch actions with a specific action type or to use the overloaded `system.listSystemEvents` method with `actionType` as a parameter. Note: see also `system.getEventHistory` method which returns a history of all events.

Parameters:

- string `sessionKey`
- int `sid` - ID of system.

Returns:

- array :
 - struct `action`
 - int `"failed_count"` - Number of times action failed.
 - string `"modified"` - Date modified. (Deprecated by `modified_date`)
 - `dateTime.iso8601` `"modified_date"` - Date modified.
 - string `"created"` - Date created. (Deprecated by `created_date`)
 - `dateTime.iso8601` `"created_date"` - Date created.
 - string `"action_type"`
 - int `"successful_count"` - Number of times action was successful.
 - string `"earliest_action"` - Earliest date this action will occur.
 - int `"archived"` - If this action is archived. (1 or 0)
 - string `"scheduler_user"` - available only if concrete user has scheduled the action
 - string `"prerequisite"` - Pre-requisite action. (optional)
 - string `"name"` - Name of this action.
 - int `"id"` - Id of this action.
 - string `"version"` - Version of action.
 - string `"completion_time"` - The date/time the event was completed. Format ->YYYY-MM-dd hh:mm:ss.ms Eg ->2007-06-04 13:58:13.0. (optional) (Deprecated by `completed_date`)

-
- `dateTime.iso8601 "completed_date"` - The date/time the event was completed. (optional)
 - `string "pickup_time"` - The date/time the action was picked up. Format ->YYYY-MM-dd hh:mm:ss.ms Eg ->2007-06-04 13:58:13.0. (optional) (Deprecated by `pickup_date`)
 - `dateTime.iso8601 "pickup_date"` - The date/time the action was picked up. (optional)
 - `string "result_msg"` - The result string after the action executes at the client machine. (optional)
 - `array "additional_info"` - This array contains additional information for the event, if available.
 - `struct info`
 - `string "detail"` - The detail provided depends on the specific event. For example, for a package event, this will be the package name, for an errata event, this will be the advisory name and synopsis, for a config file event, this will be path and optional revision information...etc.
 - `string "result"` - The result (if included) depends on the specific event. For example, for a package or errata event, no result is included, for a config file event, the result might include an error (if one occurred, such as the file was missing) or in the case of a config file comparison it might include the differences found.

Available since API version: 10.8

Chapter 828. Method: listSystemEvents

HTTP GET

Description:

List system actions of the specified type that were **scheduled** against the given server. "actionType" should be exactly the string returned in the action_type field from the listSystemEvents(sessionKey, serverId) method. For example, 'Package Install' or 'Initiate a kickstart for a virtual guest.' Note: see also system.getEventHistory method which returns a history of all events.

Parameters:

- string sessionKey
- int sid - ID of system.
- string actionType - Type of the action.

Returns:

- array :
 - struct action
 - int "failed_count" - Number of times action failed.
 - string "modified" - Date modified. (Deprecated by modified_date)
 - dateTime.iso8601 "modified_date" - Date modified.
 - string "created" - Date created. (Deprecated by created_date)
 - dateTime.iso8601 "created_date" - Date created.
 - string "action_type"
 - int "successful_count" - Number of times action was successful.
 - string "earliest_action" - Earliest date this action will occur.
 - int "archived" - If this action is archived. (1 or 0)
 - string "scheduler_user" - available only if concrete user has scheduled the action
 - string "prerequisite" - Pre-requisite action. (optional)
 - string "name" - Name of this action.
 - int "id" - Id of this action.
 - string "version" - Version of action.

- string "completion_time" - The date/time the event was completed. Format ->YYYY-MM-dd hh:mm:ss.ms Eg ->2007-06-04 13:58:13.0. (optional) (Deprecated by completed_date)
- dateTime.iso8601 "completed_date" - The date/time the event was completed. (optional)
- string "pickup_time" - The date/time the action was picked up. Format ->YYYY-MM-dd hh:mm:ss.ms Eg ->2007-06-04 13:58:13.0. (optional) (Deprecated by pickup_date)
- dateTime.iso8601 "pickup_date" - The date/time the action was picked up. (optional)
- string "result_msg" - The result string after the action executes at the client machine. (optional)
- array "additional_info" - This array contains additional information for the event, if available.
 - struct info
 - string "detail" - The detail provided depends on the specific event. For example, for a package event, this will be the package name, for an errata event, this will be the advisory name and synopsis, for a config file event, this will be path and optional revision information...etc.
 - string "result" - The result (if included) depends on the specific event. For example, for a package or errata event, no result is included, for a config file event, the result might include an error (if one occurred, such as the file was missing) or in the case of a config file comparison it might include the differences found.

Available since API version: 10.8

Chapter 829. Method: listSystemEvents

HTTP GET

Description:

List system actions of the specified type that were **scheduled** against the given server after the specified date. This may require the caller to filter the result to fetch actions with a specific action type or to use the overloaded `system.listSystemEvents` method with `actionType` as a parameter. Note: see also `system.getEventHistory` method which returns a history of all events.

Parameters:

- string `sessionKey`
- int `sid` - ID of system.
- `dateTime.iso8601` `earliestDate`

Returns:

- array :
 - struct action
 - int "failed_count" - Number of times action failed.
 - string "modified" - Date modified. (Deprecated by `modified_date`)
 - `dateTime.iso8601` "modified_date" - Date modified.
 - string "created" - Date created. (Deprecated by `created_date`)
 - `dateTime.iso8601` "created_date" - Date created.
 - string "action_type"
 - int "successful_count" - Number of times action was successful.
 - string "earliest_action" - Earliest date this action will occur.
 - int "archived" - If this action is archived. (1 or 0)
 - string "scheduler_user" - available only if concrete user has scheduled the action
 - string "prerequisite" - Pre-requisite action. (optional)
 - string "name" - Name of this action.
 - int "id" - Id of this action.
 - string "version" - Version of action.

- string "completion_time" - The date/time the event was completed. Format ->YYYY-MM-dd hh:mm:ss.ms Eg ->2007-06-04 13:58:13.0. (optional) (Deprecated by completed_date)
- dateTime.iso8601 "completed_date" - The date/time the event was completed. (optional)
- string "pickup_time" - The date/time the action was picked up. Format ->YYYY-MM-dd hh:mm:ss.ms Eg ->2007-06-04 13:58:13.0. (optional) (Deprecated by pickup_date)
- dateTime.iso8601 "pickup_date" - The date/time the action was picked up. (optional)
- string "result_msg" - The result string after the action executes at the client machine. (optional)
- array "additional_info" - This array contains additional information for the event, if available.
 - struct info
 - string "detail" - The detail provided depends on the specific event. For example, for a package event, this will be the package name, for an errata event, this will be the advisory name and synopsis, for a config file event, this will be path and optional revision information...etc.
 - string "result" - The result (if included) depends on the specific event. For example, for a package or errata event, no result is included, for a config file event, the result might include an error (if one occurred, such as the file was missing) or in the case of a config file comparison it might include the differences found.

Available since API version: 10.8

Chapter 830. Method: listSystemGroupsForSystemsWithEntitlement

HTTP GET

Description:

Returns the groups information a system is member of, for all the systems visible to the passed user and that are entitled with the passed entitlement.

Parameters:

- string sessionKey
- string entitlement

Returns:

- array :
- struct system
 - int "id" - system ID
 - array "system_groups"
 - struct system group
 - int "id" - system group ID
 - string "name" - system group name

Chapter 831. Method: listSystems

HTTP GET

Description:

Returns a list of all servers visible to the user.

Parameters:

- string sessionKey

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time

Chapter 832. Method: listSystemsWithEntitlement

HTTP GET

Description:

Lists the systems that have the given entitlement

Parameters:

- string `sessionKey`
- string `entitlementName` - the entitlement name

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time
 - int "extra_pkg_count" - number of packages not belonging to any assigned channel
 - int "outdated_pkg_count" - number of out-of-date packages

Chapter 833. Method: listSystemsWithExtraPackages

HTTP GET

Description:

List systems with extra packages

Parameters:

- string sessionKey

Returns:

- array :
 - struct system
 - int "id" - System ID
 - string "name" - System profile name
 - int "extra_pkg_count" - Extra packages count

Chapter 834. Method: listSystemsWithPackage

HTTP GET

Description:

Lists the systems that have the given installed package

Parameters:

- string sessionKey
- int pid - the package id

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time
 - int "extra_pkg_count" - number of packages not belonging to any assigned channel
 - int "outdated_pkg_count" - number of out-of-date packages

Chapter 835. Method: listSystemsWithPackage

HTTP GET

Description:

Lists the systems that have the given installed package

Parameters:

- string sessionKey
- string name - the package name
- string version - the package version
- string release - the package release

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time
 - int "extra_pkg_count" - number of packages not belonging to any assigned channel
 - int "outdated_pkg_count" - number of out-of-date packages

Chapter 836. Method: listUngroupedSystems

HTTP GET

Description:

List systems that are not associated with any system groups.

Parameters:

- string sessionKey

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time
 - int "extra_pkg_count" - number of packages not belonging to any assigned channel
 - int "outdated_pkg_count" - number of out-of-date packages

Chapter 837. Method: listUserSystems

HTTP GET

Description:

List systems for a given user.

Parameters:

- string sessionKey
- string login - User's login name.

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time

Chapter 838. Method: listUserSystems

HTTP GET

Description:

List systems for the logged in user.

Parameters:

- string sessionKey

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time

Chapter 839. Method: listVirtualGuests

HTTP GET

Description:

Lists the virtual guests for a given virtual host

Parameters:

- string sessionKey
- int sid - the virtual host's id

Returns:

- array :
- struct virtual system
 - int "id"
 - string "name"
 - string "guest_name" - the virtual guest name as provided by the virtual host
 - dateTime.iso8601 "last_checkin" - last time the server successfully checked in
 - string "uuid"

Chapter 840. Method: listVirtualHosts

HTTP GET

Description:

Lists the virtual hosts visible to the user

Parameters:

- string sessionKey

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time
 - int "extra_pkg_count" - number of packages not belonging to any assigned channel
 - int "outdated_pkg_count" - number of out-of-date packages

Chapter 841. Method: obtainReactivationKey

HTTP POST

Description:

Obtains a reactivation key for this server.

Parameters:

- string sessionKey
- int sid

Returns:

- string key

Chapter 842. Method: obtainReactivationKey

HTTP POST

Description:

Obtains a reactivation key for this server.

Parameters:

- string clientCert - client certificate of the system

Returns:

- string key

Available since API version: 10.10

Chapter 843. Method: provisionSystem

HTTP POST

Description:

Provision a system using the specified kickstart/autoinstallation profile.

Parameters:

- string sessionKey
- int sid - ID of the system to be provisioned.
- string profileName - Profile to use.

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Chapter 844. Method: provisionSystem

HTTP POST

Description:

Provision a system using the specified kickstart/autoinstallation profile.

Parameters:

- string sessionKey
- int sid - ID of the system to be provisioned.
- string profileName - Profile to use.

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Chapter 845. Method: provisionSystem

HTTP POST

Description:

Provision a system using the specified kickstart/autoinstallation profile.

Parameters:

- string sessionKey
- int sid - ID of the system to be provisioned.
- int proxy - ID of the proxy to use.
- string profileName - Profile to use.

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Chapter 846. Method: provisionSystem

HTTP POST

Description:

Provision a system using the specified kickstart/autoinstallation profile.

Parameters:

- string sessionKey
- int sid - ID of the system to be provisioned.
- int proxy - ID of the proxy to use.
- string profileName - Profile to use.

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Chapter 847. Method: provisionSystem

HTTP POST

Description:

Provision a system using the specified kickstart/autoinstallation profile.

Parameters:

- string sessionKey
- int sid - ID of the system to be provisioned.
- string profileName - Profile to use.
- dateTime.iso8601 earliestDate

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Chapter 848. Method: provisionSystem

HTTP POST

Description:

Provision a system using the specified kickstart/autoinstallation profile.

Parameters:

- string sessionKey
- int sid - ID of the system to be provisioned.
- string profileName - Profile to use.
- dateTime.iso8601 earliestDate

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Chapter 849. Method: provisionSystem

HTTP POST

Description:

Provision a system using the specified kickstart/autoinstallation profile.

Parameters:

- string sessionKey
- int sid - ID of the system to be provisioned.
- int proxy - ID of the proxy to use.
- string profileName - Profile to use.
- dateTime.iso8601 earliestDate

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Chapter 850. Method: provisionSystem

HTTP POST

Description:

Provision a system using the specified kickstart/autoinstallation profile.

Parameters:

- string sessionKey
- int sid - ID of the system to be provisioned.
- int proxy - ID of the proxy to use.
- string profileName - Profile to use.
- dateTime.iso8601 earliestDate

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Chapter 851. Method: provisionSystem

HTTP POST

Description:

Provision a system using the specified kickstart/autoinstallation profile.

Parameters:

- string sessionKey
- int sid - ID of the system to be provisioned.
- int proxy - ID of the proxy to use.
- string profileName - Profile to use.
- dateTime.iso8601 earliestDate
- struct advancedOptions
 - string "kernel_options" - custom kernel options
 - string "post_kernel_options" - custom post kernel options

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Chapter 852. Method: provisionSystem

HTTP POST

Description:

Provision a system using the specified kickstart/autoinstallation profile.

Parameters:

- string sessionKey
- int sid - ID of the system to be provisioned.
- int proxy - ID of the proxy to use.
- string profileName - Profile to use.
- dateTime.iso8601 earliestDate
- struct advancedOptions
 - string "kernel_options" - custom kernel options
 - string "post_kernel_options" - custom post kernel options

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Chapter 853. Method: provisionVirtualGuest

HTTP POST

Description:

Provision a guest on the host specified. Defaults to: memory=512MB, vcpu=1, storage=3GB, mac_address=random.

Parameters:

- string sessionKey
- int sid - ID of host to provision guest on.
- string guestName
- string profileName - Kickstart profile to use.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 854. Method: provisionVirtualGuest

HTTP POST

Description:

Provision a guest on the host specified. This schedules the guest for creation and will begin the provisioning process when the host checks in or if OSAD is enabled will begin immediately. Defaults to mac_address=random.

Parameters:

- string sessionKey
- int sid - ID of host to provision guest on.
- string guestName
- string profileName - Kickstart Profile to use.
- int memoryMb - Memory to allocate to the guest
- int vcpus - Number of virtual CPUs to allocate to the guest.
- int storageGb - Size of the guests disk image.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 855. Method: provisionVirtualGuest

HTTP POST

Description:

Provision a guest on the host specified. This schedules the guest for creation and will begin the provisioning process when the host checks in or if OSAD is enabled will begin immediately.

Parameters:

- string sessionKey
- int sid - ID of host to provision guest on.
- string guestName
- string profileName - Kickstart Profile to use.
- int memoryMb - Memory to allocate to the guest
- int vcpus - Number of virtual CPUs to allocate to the guest.
- int storageGb - Size of the guests disk image.
- string macAddress - macAddress to give the guest's virtual networking hardware.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 856. Method: refreshPillar

HTTP POST

Description:

refresh all the pillar data of a list of systems.

Parameters:

- string sessionKey
- int array sids

Returns:

- int array skippedIds

Chapter 857. Method: refreshPillar

HTTP POST

Description:

refresh the pillar data of a list of systems. The subset value represents the pillar to be refreshed and can be one of 'general', 'group_membership', 'virtualization' or 'custom_info'.

Parameters:

- string sessionKey
- string subset
- int array sids

Returns:

- int array skippedIds

Chapter 858. Method: registerPeripheralServer

HTTP POST

Description:

Register foreign peripheral server. This is used for registering containerized peripheral servers.

Parameters:

- string sessionKey
- string fqdn - FQDN of the server

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 859. Method: removeEntitlements

HTTP POST

Description:

Remove addon entitlements from a server. Entitlements a server does not have are quietly ignored.

Parameters:

- string sessionKey
- int sid
- string array entitlements

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 860. Method: scheduleApplyErrata

HTTP POST

Description:

Schedules an action to apply errata updates to multiple systems.

Parameters:

- string sessionKey
- int array sids
- int array errataIds

Returns:

- int array actionId

Available since API version: 13.0

Chapter 861. Method: scheduleApplyErrata

HTTP POST

Description:

Schedules an action to apply errata updates to multiple systems.

Parameters:

- string sessionKey
- int array sids
- int array errataIds
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int array actionId

Available since API version: 21

Chapter 862. Method: scheduleApplyErrata

HTTP POST

Description:

Schedules an action to apply errata updates to multiple systems at a given date/time.

Parameters:

- string sessionKey
- int array sids
- int array errataIds
- dateTime.iso8601 earliestOccurrence

Returns:

- int array actionId

Available since API version: 13.0

Chapter 863. Method: scheduleApplyErrata

HTTP POST

Description:

Schedules an action to apply errata updates to multiple systems at a given date/time.

Parameters:

- string sessionKey
- int array sids
- int array errataIds
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int array actionId

Available since API version: 21

Chapter 864. Method: scheduleApplyErrata

HTTP POST

Description:

Schedules an action to apply errata updates to multiple systems at a given date/time.

Parameters:

- string sessionKey
- int array sids
- int array errataIds
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present
- boolean onlyRelevant - If true not all erratas are applied to all systems. Systems get only the erratas relevant for them.

Returns:

- int array actionId

Available since API version: 24

Chapter 865. Method: scheduleApplyErrata

HTTP POST

Description:

Schedules an action to apply errata updates to a system.

Parameters:

- string sessionKey
- int sid
- int array errataIds

Returns:

- int array actionId

Available since API version: 13.0

Chapter 866. Method: scheduleApplyErrata

HTTP POST

Description:

Schedules an action to apply errata updates to a system.

Parameters:

- string sessionKey
- int sid
- int array errataIds
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int array actionId

Available since API version: 21

Chapter 867. Method: scheduleApplyErrata

HTTP POST

Description:

Schedules an action to apply errata updates to a system at a given date/time.

Parameters:

- string sessionKey
- int sid
- int array errataIds
- dateTime.iso8601 earliestOccurrence

Returns:

- int array actionId

Available since API version: 13.0

Chapter 868. Method: scheduleApplyErrata

HTTP POST

Description:

Schedules an action to apply errata updates to a system at a given date/time.

Parameters:

- string sessionKey
- int sid
- int array errataIds
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int array actionId

Available since API version: 21

Chapter 869. Method: scheduleApplyErrata

HTTP POST

Description:

Schedules an action to apply errata updates to a system at a given date/time.

Parameters:

- string sessionKey
- int sid
- int array errataIds
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present
- boolean onlyRelevant

Returns:

- int array actionId

Available since API version: 24

Chapter 870. Method: scheduleApplyHighstate

HTTP POST

Description:

Schedule highstate application for a given system.

Parameters:

- string sessionKey
- int sid
- dateTime.iso8601 earliestOccurrence
- boolean test - Run states in test-only mode

Returns:

- int actionId

Chapter 871. Method: scheduleApplyHighstate

HTTP POST

Description:

Schedule highstate application for a given system.

Parameters:

- string sessionKey
- int array sids
- dateTime.iso8601 earliestOccurrence
- boolean test - Run states in test-only mode

Returns:

- int actionId

Chapter 872. Method: scheduleApplyStates

HTTP POST

Description:

Schedule highstate application for a given system.

Parameters:

- string sessionKey
- int sid
- string array stateNames
- dateTime.iso8601 earliestOccurrence
- boolean test - Run states in test-only mode

Returns:

- int actionId

Chapter 873. Method: scheduleApplyStates

HTTP POST

Description:

Schedule highstate application for a given system.

Parameters:

- string sessionKey
- int array sids
- string array stateNames
- dateTime.iso8601 earliestOccurrence
- boolean test - Run states in test-only mode

Returns:

- int actionId

Chapter 874. Method: scheduleCertificateUpdate

HTTP POST

Description:

Schedule update of client certificate

Parameters:

- string sessionKey
- int sid

Returns:

- int actionId - The action id of the scheduled action

Chapter 875. Method: scheduleCertificateUpdate

HTTP POST

Description:

Schedule update of client certificate at given date and time

Parameters:

- string sessionKey
- int sid
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 876. Method: scheduleChangeChannels

HTTP POST

Description:

Schedule an action to change the channels of the given system. Works for both traditional and Salt systems. This method accepts labels for the base and child channels. If the user provides an empty string for the channelLabel, the current base channel and all child channels will be removed from the system.

Parameters:

- string sessionKey
- int sid
- string baseChannelLabel
- string array childLabels
- dateTime.iso8601 earliestOccurrence - the time/date to schedule the action

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Available since API version: 19.0

Chapter 877. Method: scheduleChangeChannels

HTTP POST

Description:

Schedule an action to change the channels of the given system. Works for both traditional and Salt systems. This method accepts labels for the base and child channels. If the user provides an empty string for the baseChannelLabel and an empty list for the childLabels, the current base channel and all child channels will be removed from the system. If the user provides only a different baseChannelLabel and an empty list for childLabels, the new base channel is assigned to the system and we search for compatible child channels for the assigned one. If the base channel stay empty, all the child channels from the list should be compatible with the currently assigned base channel. The currently assigned child channels are exchanged with the channels provided in the childLabels list. When both baseChannelLabel and childLabels are provided, the compatibility is checked, and the system gets these new set of channels assigned.

Parameters:

- string sessionId
- int array sids
- string baseChannelLabel
- string array childLabels
- dateTime.iso8601 earliestOccurrence - the time/date to schedule the action

Returns:

- long array actionIds

Available since API version: 19.0

Chapter 878. Method: scheduleCoCoAttestation

HTTP POST

Description:

Schedule Confidential Compute Attestation Action

Parameters:

- string sessionKey
- int sid - ID of the server to run the script on.
- dateTime.iso8601 earliestOccurrence - Earliest the script can run.

Returns:

- int id - ID of the script run action created. Can be used to fetch results with system.getScriptResults

Chapter 879. Method: scheduleDistUpgrade

HTTP POST

Description:

Schedule a dist upgrade for a system. This call takes a list of channel labels that the system will be subscribed to before performing the dist upgrade. Note: You can seriously damage your system with this call, use it only if you really know what you are doing! Make sure that the list of channel labels is complete and in any case do a dry run before scheduling an actual dist upgrade.

Parameters:

- string sessionKey
- int sid
- string array channels
- boolean dryRun
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId

Chapter 880. Method: scheduleDistUpgrade

HTTP POST

Description:

Schedule a dist upgrade for a system. This call takes a list of channel labels that the system will be subscribed to before performing the dist upgrade. Note: You can seriously damage your system with this call, use it only if you really know what you are doing! Make sure that the list of channel labels is complete and in any case do a dry run before scheduling an actual dist upgrade.

Parameters:

- string sessionKey
- int sid
- string array channels
- boolean dryRun
- boolean allowVendorChange
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId

Chapter 881. Method: scheduleHardwareRefresh

HTTP POST

Description:

Schedule a hardware refresh for a system.

Parameters:

- string sessionKey
- int sid
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Available since API version: 13.0

Chapter 882. Method: schedulePackageInstall

HTTP POST

Description:

Schedule package installation for several systems.

Parameters:

- string sessionKey
- int array sids
- int array packageIds
- dateTime.iso8601 earliestOccurrence

Returns:

- int array actionId

Chapter 883. Method: schedulePackageInstall

HTTP POST

Description:

Schedule package installation for several systems.

Parameters:

- string sessionKey
- int array sids
- int array packageIds
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int array actionId

Available since API version: 21

Chapter 884. Method: schedulePackageInstall

HTTP POST

Description:

Schedule package installation for a system.

Parameters:

- string sessionKey
- int sid
- int array packageIds
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Available since API version: 13.0

Chapter 885. Method: schedulePackageInstall

HTTP POST

Description:

Schedule package installation for a system.

Parameters:

- string sessionKey
- int sid
- int array packageIds
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int actionId - The action id of the scheduled action

Available since API version: 21

Chapter 886. Method: schedulePackageInstallByNevra

HTTP POST

Description:

Schedule package installation for several systems.

Parameters:

- string sessionKey
- int array sids
- array packageNevraList
 - struct Package Nevra
 - string "package_name"
 - string "package_epoch"
 - string "package_version"
 - string "package_release"
 - string "package_arch"
- dateTime.iso8601 earliestOccurrence

Returns:

- int array actionId

Chapter 887. Method: schedulePackageInstallByNevra

HTTP POST

Description:

Schedule package installation for several systems.

Parameters:

- string sessionKey
- int array sids
- array packageNevraList
 - struct Package nevra
 - string "package_name"
 - string "package_epoch"
 - string "package_version"
 - string "package_release"
 - string "package_arch"
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int array actionId

Available since API version: 21

Chapter 888. Method: schedulePackageInstallByNevra

HTTP POST

Description:

Schedule package installation for a system.

Parameters:

- string sessionKey
- int sid
- array packageNevraList
 - struct Package nevra
 - string "package_name"
 - string "package_epoch"
 - string "package_version"
 - string "package_release"
 - string "package_arch"
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 889. Method: schedulePackageInstallByNevra

HTTP POST

Description:

Schedule package installation for a system.

Parameters:

- string sessionKey
- int sid
- array packageNevraList
 - struct Package nevra
 - string "package_name"
 - string "package_epoch"
 - string "package_version"
 - string "package_release"
 - string "package_arch"
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int actionId - The action id of the scheduled action

Available since API version: 21

Chapter 890. Method: schedulePackageLockChange

HTTP POST

Description:

Schedule package lock for a system.

Parameters:

- string sessionKey
- int sid
- int array pkgIdsToLock
- int array pkgIdsToUnlock
- dateTime.iso8601 earliestOccurrence

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 891. Method: schedulePackageRefresh

HTTP POST

Description:

Schedule a package list refresh for a system.

Parameters:

- string sessionKey
- int sid
- dateTime.iso8601 earliestOccurrence

Returns:

- int id - ID of the action scheduled, otherwise exception thrown on error

Chapter 892. Method: schedulePackageRemove

HTTP POST

Description:

Schedule package removal for several systems.

Parameters:

- string sessionKey
- int array sids
- int array packageIds
- dateTime.iso8601 earliestOccurrence

Returns:

- int array actionId

Chapter 893. Method: schedulePackageRemove

HTTP POST

Description:

Schedule package removal for several systems.

Parameters:

- string sessionKey
- int array sids
- int array packageIds
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int array actionId

Available since API version: 21

Chapter 894. Method: schedulePackageRemove

HTTP POST

Description:

Schedule package removal for a system.

Parameters:

- string sessionKey
- int sid
- int array packageIds
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 895. Method: schedulePackageRemove

HTTP POST

Description:

Schedule package removal for a system.

Parameters:

- string sessionKey
- int sid
- int array packageIds
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int actionId - The action id of the scheduled action

Available since API version: 21

Chapter 896. Method: schedulePackageRemoveByNevra

HTTP POST

Description:

Schedule package removal for several systems.

Parameters:

- string sessionKey
- int array sids
- array packageNevraList
 - struct Package nevra
 - string "package_name"
 - string "package_epoch"
 - string "package_version"
 - string "package_release"
 - string "package_arch"
- dateTime.iso8601 earliestOccurrence

Returns:

- int array actionId

Chapter 897. Method: schedulePackageRemoveByNevra

HTTP POST

Description:

Schedule package removal for several systems.

Parameters:

- string sessionKey
- int array sids
- array packageNevraList
 - struct Package nevra
 - string "package_name"
 - string "package_epoch"
 - string "package_version"
 - string "package_release"
 - string "package_arch"
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int array actionId

Available since API version: 21

Chapter 898. Method: schedulePackageRemoveByNevra

HTTP POST

Description:

Schedule package removal for a system.

Parameters:

- string sessionKey
- int sid
- array packageNevraList
 - struct Package nevra
 - string "package_name"
 - string "package_epoch"
 - string "package_version"
 - string "package_release"
 - string "package_arch"
- dateTime.iso8601 earliestOccurrence

Returns:

- int array actionId

Chapter 899. Method: schedulePackageRemoveByNevra

HTTP POST

Description:

Schedule package removal for a system.

Parameters:

- string sessionKey
- int sid
- array packageNevraList
 - struct Package nevra
 - string "package_name"
 - string "package_epoch"
 - string "package_version"
 - string "package_release"
 - string "package_arch"
- dateTime.iso8601 earliestOccurrence
- boolean allowModules - Allow this API call, despite modular content being present

Returns:

- int array actionId

Available since API version: 21

Chapter 900. Method: schedulePackageUpdate

HTTP POST

Description:

Schedule full package update for several systems.

Parameters:

- string sessionKey
- int array sids
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId

Available since API version: 25

Chapter 901. Method: scheduleProductMigration

HTTP POST

Description:

Schedule a Product migration for a system. This call is the recommended and supported way of migrating a system to the next Service Pack. It will automatically find all mandatory product channels below a given target base channel and subscribe the system accordingly. Any additional optional channels can be subscribed by providing their labels.

Parameters:

- string sessionKey
- int sid
- string baseChannelLabel
- string array optionalChildChannels
- boolean dryRun
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 902. Method: scheduleProductMigration

HTTP POST

Description:

Schedule a Product migration for a system. This call is the recommended and supported way of migrating a system to the next Service Pack. It will automatically find all mandatory product channels below a given target base channel and subscribe the system accordingly. Any additional optional channels can be subscribed by providing their labels.

Parameters:

- string sessionKey
- int sid
- string baseChannelLabel
- string array optionalChildChannels
- boolean dryRun
- boolean allowVendorChange
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 903. Method: scheduleProductMigration

HTTP POST

Description:

Schedule a Product migration for a system. This call is the recommended and supported way of migrating a system to the next Service Pack. It will automatically find all mandatory product channels below a given target base channel and subscribe the system accordingly. Any additional optional channels can be subscribed by providing their labels.

Parameters:

- string sessionKey
- int sid
- string targetIdent - Identifier for the selected migration target. Use listMigrationTargets to list the identifiers
- string baseChannelLabel
- string array optionalChildChannels
- boolean dryRun
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 904. Method: scheduleProductMigration

HTTP POST

Description:

Schedule a Product migration for a system. This call is the recommended and supported way of migrating a system to the next Service Pack. It will automatically find all mandatory product channels below a given target base channel and subscribe the system accordingly. Any additional optional channels can be subscribed by providing their labels.

Parameters:

- string sessionKey
- int sid
- string targetIdent - Identifier for the selected migration target. Use listMigrationTargets to list the identifiers
- string baseChannelLabel
- string array optionalChildChannels
- boolean dryRun
- boolean allowVendorChange
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 905. Method: scheduleProductMigration

HTTP POST

Description:

Schedule a Product migration for a system. This call is the recommended and supported way of migrating a system to the next Service Pack. It will automatically find all mandatory product channels below a given target base channel and subscribe the system accordingly. Any additional optional channels can be subscribed by providing their labels.

Parameters:

- string sessionKey
- int sid
- string targetIdent - Identifier for the selected migration target - User listMigrationTargets to list the identifiers
- string baseChannelLabel
- string array optionalChildChannels
- boolean dryRun
- boolean allowVendorChange
- boolean removeProductsWithNoSuccessorAfterMigration - set to remove products which have no successors. This flag will only have effect if targetIdent will also be specified
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 906. Method: scheduleReboot

HTTP POST

Description:

Schedule a reboot for a system.

Parameters:

- string sessionKey
- int sid
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Available since API version: 13.0

Chapter 907. Method: scheduleSPMigration (Deprecated)

HTTP POST

Description:

Schedule a Product migration for a system. This call is the recommended and supported way of migrating a system to the next Service Pack. It will automatically find all mandatory product channels below a given target base channel and subscribe the system accordingly. Any additional optional channels can be subscribed by providing their labels.

Note: This method is deprecated and will be removed in a future API version. Please use `scheduleProductMigration` instead.

Deprecated - being replaced by `scheduleProductMigration(User loggedInUser, Integer sid, String baseChannelLabel, List(String) optionalChildChannels, boolean dryRun, Date earliest)`

Parameters:

- string sessionKey
- int sid
- string baseChannelLabel
- string array optionalChildChannels
- boolean dryRun
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 908. Method: scheduleSPMigration (Deprecated)

HTTP POST

Description:

Schedule a Product migration for a system. This call is the recommended and supported way of migrating a system to the next Service Pack. It will automatically find all mandatory product channels below a given target base channel and subscribe the system accordingly. Any additional optional channels can be subscribed by providing their labels.

Note: This method is deprecated and will be removed in a future API version. Please use `scheduleProductMigration` instead.

Deprecated - being replaced by `scheduleProductMigration(User loggedInUser, Integer sid, String baseChannelLabel, List(String) optionalChildChannels, boolean dryRun, boolean allowVendorChange, Date earliest)`

Parameters:

- string sessionKey
- int sid
- string baseChannelLabel
- string array optionalChildChannels
- boolean dryRun
- boolean allowVendorChange
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 909. Method: scheduleSPMigration (Deprecated)

HTTP POST

Description:

Schedule a Product migration for a system. This call is the recommended and supported way of migrating a system to the next Service Pack. It will automatically find all mandatory product channels below a given target base channel and subscribe the system accordingly. Any additional optional channels can be subscribed by providing their labels.

Note: This method is deprecated and will be removed in a future API version. Please use `scheduleProductMigration` instead.

Deprecated - being replaced by `scheduleProductMigration(User loggedInUser, Integer sid, String targetIdent, String baseChannelLabel, List(String) optionalChildChannels, boolean dryRun, Date earliest)`

Parameters:

- string sessionKey
- int sid
- string targetIdent - identifier for the selected migration target. Use `listMigrationTargets` to list the identifiers
- string baseChannelLabel
- string array optionalChildChannels
- boolean dryRun
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 910. Method: scheduleSPMigration (Deprecated)

HTTP POST

Description:

Schedule a Product migration for a system. This call is the recommended and supported way of migrating a system to the next Service Pack. It will automatically find all mandatory product channels below a given target base channel and subscribe the system accordingly. Any additional optional channels can be subscribed by providing their labels.

Note: This method is deprecated and will be removed in a future API version. Please use `scheduleProductMigration` instead.

Deprecated - being replaced by `scheduleProductMigration(User loggedInUser, Integer sid, String targetIdent, String baseChannelLabel, List(String) optionalChildChannels, boolean dryRun, boolean allowVendorChange, Date earliest)`

Parameters:

- string sessionKey
- int sid
- string targetIdent - Identifier for the selected migration target. Use `listMigrationTargets` to list the identifiers
- string baseChannelLabel
- string array optionalChildChannels
- boolean dryRun
- boolean allowVendorChange
- `dateTime.iso8601` earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 911. Method: scheduleScriptRun

HTTP POST

Description:

Schedule a script to run.

Parameters:

- string sessionKey
- string label
- int array sids - System IDs of the servers to run the script on.
- string username - User to run script as.
- string groupname - Group to run script as.
- int timeout - Seconds to allow the script to run before timing out.
- string script - Contents of the script to run. Must start with a shebang (e.g. `#!/bin/bash`)
- dateTime.iso8601 earliestOccurrence - Earliest the script can run.

Returns:

- int id - ID of the script run action created. Can be used to fetch results with `system.getScriptResults`

Chapter 912. Method: scheduleScriptRun

HTTP POST

Description:

Schedule a script to run.

Parameters:

- string sessionKey
- int array sids - System IDs of the servers to run the script on.
- string username - User to run script as.
- string groupname - Group to run script as.
- int timeout - Seconds to allow the script to run before timing out.
- string script - Contents of the script to run. Must start with a shebang (e.g. `#!/bin/bash`)
- dateTime.iso8601 earliestOccurrence - Earliest the script can run.

Returns:

- int id - ID of the script run action created. Can be used to fetch results with `system.getScriptResults`

Chapter 913. Method: scheduleScriptRun

HTTP POST

Description:

Schedule a script to run.

Parameters:

- string sessionKey
- int sid - ID of the server to run the script on.
- string username - User to run script as.
- string groupname - Group to run script as.
- int timeout - Seconds to allow the script to run before timing out.
- string script - Contents of the script to run. Must start with a shebang (e.g. `#!/bin/bash`)
- dateTime.iso8601 earliestOccurrence - Earliest the script can run.

Returns:

- int id - ID of the script run action created. Can be used to fetch results with `system.getScriptResults`

Chapter 914. Method: scheduleScriptRun

HTTP POST

Description:

Schedule a script to run.

Parameters:

- string sessionKey
- string label
- int sid - ID of the server to run the script on.
- string username - User to run script as.
- string groupname - Group to run script as.
- int timeout - Seconds to allow the script to run before timing out.
- string script - Contents of the script to run. Must start with a shebang (e.g. `#!/bin/bash`)
- dateTime.iso8601 earliestOccurrence - Earliest the script can run.

Returns:

- int id - ID of the script run action created. Can be used to fetch results with `system.getScriptResults`

Chapter 915. Method: scheduleSyncPackagesWithSystem

HTTP POST

Description:

Sync packages from a source system to a target.

Parameters:

- string sessionKey
- int targetServerId - Target system to apply package changes to.
- int sourceServerId - Source system to retrieve package state from.
- int array packageIds - Package IDs to be synced.
- dateTime.iso8601 earliestOccurrence - Date to schedule action for

Returns:

- int actionId - The action id of the scheduled action

Available since API version: 13.0

Chapter 916. Method: searchByName

HTTP POST

Description:

Returns a list of system IDs whose name matches the supplied regular expression(defined by http://docs.oracle.com/javase/1.5.0/docs/api/java/util/regex/Pattern.html_blank Java representation of regular expressions)

Parameters:

- string sessionKey
- string regexp - A regular expression

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time

Chapter 917. Method: sendOsaPing

HTTP POST

Description:

send a ping to a system using OSA

Parameters:

- string sessionKey
- int serverId

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 918. Method: setBaseChannel (Deprecated)

HTTP POST

Description:

Assigns the server to a new base channel. If the user provides an empty string for the channelLabel, the current base channel and all child channels will be removed from the system.

Deprecated - being replaced by `system.scheduleChangeChannels(string sessionKey, int serverId, String baseChannelLabel, array_single channelLabels, date earliestOccurrence)`. Internally it is already implemented using `scheduleChangeChannels`

Parameters:

- string sessionKey
- int sid
- string channelLabel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 919. Method: setChildChannels (Deprecated)

HTTP POST

Description:

Subscribe the given server to the child channels provided. This method will unsubscribe the server from any child channels that the server is currently subscribed to, but that are not included in the list. The user may provide either a list of channel ids (int) or a list of channel labels (string) as input. Changes to channel assignments on salt managed systems will take effect at next highstate application.

Deprecated - being replaced by `system.scheduleChangeChannels(string sessionKey, int serverId, String baseChannelLabel, array_single channelLabels, date earliestOccurrence)`. This method will schedule an action for changing the child channels immediately.

Parameters:

- string sessionKey
- int sidd
- int (deprecated) or string array channelIdsOrLabels - channelId (deprecated) or channelLabel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 920. Method: setCoCoAttestationConfig

HTTP POST

Description:

Configure Confidential Compute Attestation for the given system

Parameters:

- string sessionKey
- int sid - ID of the server to get the config for.
- boolean enabled - set the enabled state for Confidential Compute Attestation
- string environmentType - set the environment type of the system:
 - NONE
 - KVM_AMD_EPYC_MILAN
 - KVM_AMD_EPYC_GENOA
- boolean attestOnBoot - set if the attestation should be performed on system boot

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 921. Method: setCustomValues

HTTP POST

Description:

Set custom values for the specified server.

Parameters:

- string sessionKey
- int sid
- struct values
 - string "custom info label"
 - string "value"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 922. Method: setDetails

HTTP POST

Description:

Set server details. All arguments are optional and will only be modified if included in the struct.

Parameters:

- string sessionKey
- int sid - ID of server to lookup details for.
- struct details
 - string "profile_name" - System's profile name
 - string "base_entitlement" - System's base entitlement label. (enterprise_entitled or unentitled)
 - boolean "auto_errata_update" - True if system has auto errata updates enabled
 - string "description" - System description
 - string "address1" - System's address line 1.
 - string "address2" - System's address line 2.
 - string "city"
 - string "state"
 - string "country"
 - string "building"
 - string "room"
 - string "rack"
 - string "contact_method" - One of the following:
 - default
 - ssh-push
 - ssh-push-tunnel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 923. Method: setGroupMembership

HTTP POST

Description:

Set a servers membership in a given group.

Parameters:

- string sessionKey
- int sid
- int sgid
- boolean member - '1' to assign the given server to the given server group, '0' to remove the given server from the given server group.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 924. Method: setLockStatus

HTTP POST

Description:

Set server lock status.

Parameters:

- string sessionKey
- int sid
- boolean lockStatus - true to lock the system, false to unlock the system.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 925. Method: setPillar

HTTP POST

Description:

Set pillar data of a system.

Parameters:

- string sessionKey
- int systemId
- struct pillarData

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 926. Method: setPillar

HTTP POST

Description:

Set pillar data of a system.

Parameters:

- string sessionKey
- int systemId
- struct pillarData

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 927. Method: setPrimaryFqdn

HTTP POST

Description:

Sets new primary FQDN

Parameters:

- string sessionKey
- int sid
- string fqdn

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 928. Method: setPrimaryInterface

HTTP POST

Description:

Sets new primary network interface

Parameters:

- string sessionKey
- int sid
- string interfaceName

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 929. Method: setProfileName

HTTP POST

Description:

Set the profile name for the server.

Parameters:

- string sessionKey
- int sid
- string name - Name of the profile.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 930. Method: setVariables

HTTP POST

Description:

Sets a list of kickstart variables in the cobbler system record for the specified server. Note: This call assumes that a system record exists in cobbler for the given system and will raise an XMLRPC fault if that is not the case. To create a system record over xmlrpc use `system.createSystemRecord`

To create a system record in the Web UI please go to
System > Specified System > Provisioning >
Select a Kickstart profile > Create Cobbler System Record.

Parameters:

- string sessionKey
- int sid
- boolean netboot
- struct variables
 - string "key"
 - string or int "value"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 931. Method: tagLatestSnapshot

HTTP POST

Description:

Tags latest system snapshot

Parameters:

- string sessionKey
- int sid
- string tagName

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 932. Method: unentitle

HTTP POST

Description:

Unentitle the system completely

Parameters:

- string clientCert - client system id file

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 933. Method: updatePackageState

HTTP POST

Description:

Update the package state of a given system (High state would be needed to actually install/remove the package)

Parameters:

- string sessionKey
- int sid
- string packageName - Name of the package
- int state - 0 = installed, 1 = removed, 2 = unmanaged
- int versionConstraint - 0 = latest, 1 = any

Returns:

- 1 on success, exception on failure

Chapter 934. Method: updatePeripheralServerInfo

HTTP POST

Description:

Update foreign peripheral server info.

Parameters:

- string sessionKey
- string reportDbName - ReportDB name
- string reportDbHost - ReportDB host
- int reportDbPort - ReportDB port
- string reportDbUser - ReportDB user
- string reportDbPassword - ReportDB password

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 935. Method: upgradeEntitlement

HTTP POST

Description:

Adds an entitlement to a given server.

Parameters:

- string sessionKey
- int sid
- string entitlementLevel - One of: 'enterprise_entitled' or 'virtualization_host'.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 936. Method: whoRegistered

HTTP POST

Description:

Returns information about the user who registered the system

Parameters:

- string sessionKey
- int sid - Id of the system in question

Returns:

- * struct user
 - int "id"
 - string "login"
 - string "login_uc" - upper case version of the login
 - boolean "enabled" - true if user is enabled, false if the user is disabled

Chapter 937. Available methods

- `disable`
- `enable`
- `listModuleStreams`

Chapter 938. Description

Provides methods to handle appstreams for systems.

Namespace:

system.appstreams

Chapter 939. Method: disable

HTTP POST

Description:

Schedule disabling of module streams. Invalid modules will be filtered out. If all provided modules are invalid the request will fail.

Parameters:

- string sessionKey
- int sid
- array moduleStreams
 - struct Module Stream
 - string "module"
 - string "stream"
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 940. Method: enable

HTTP POST

Description:

Schedule enabling of module streams. Invalid modules will be filtered out. If all provided modules are invalid the request will fail.

Parameters:

- string sessionKey
- int sid
- array moduleStreams
 - struct Module Stream
 - string "module"
 - string "stream"
- dateTime.iso8601 earliestOccurrence

Returns:

- int actionId - The action id of the scheduled action

Chapter 941. Method: listModuleStreams

HTTP GET

Description:

List available module streams for a given system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
- struct ChannelAppStreams
 - string "channel_name"
 - array "AppStreams"
- struct AppStream
 - boolean "is_enabled"
 - string "stream"
 - string "module"
 - string "arch"

Chapter 942. Available methods

- `addChannels`
- `createOrUpdatePath`
- `createOrUpdateSymlink`
- `deleteFiles`
- `deployAll`
- `listChannels`
- `listFiles`
- `lookupFileInfo`
- `removeChannels`
- `scheduleApplyConfigChannel`
- `setChannels`

Chapter 943. Description

Provides methods to access and modify many aspects of configuration channels and server association.
basically system.config name space

Namespace:

system.config

Chapter 944. Method: addChannels

HTTP POST

Description:

Given a list of servers and configuration channels, this method appends the configuration channels to either the top or the bottom (whichever you specify) of a system's subscribed configuration channels list. The ordering of the configuration channels provided in the add list is maintained while adding. If one of the configuration channels in the 'add' list has been previously subscribed by a server, the subscribed channel will be re-ranked to the appropriate place.

Parameters:

- string sessionKey
- int array sids - IDs of the systems to add the channels to.
- string array configChannelLabels - List of configuration channel labels in the ranked order.
- boolean addToTop
 - true - to prepend the given channels list to the top of the configuration channels list of a server
 - false - to append the given channels list to the bottom of the configuration channels list of a server

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 945. Method: createOrUpdatePath

HTTP POST

Description:

Create a new file (text or binary) or directory with the given path, or update an existing path on a server.

Parameters:

- string sessionKey
- int sid
- string path - the configuration file/directory path
- boolean isDir
 - True - if the path is a directory
 - False - if the path is a file
- struct data
 - string "contents" - Contents of the file (text or base64 encoded if binary) ((only for non-directories)
 - boolean "contents_enc64" - Identifies base64 encoded content (default: disabled, only for non-directories).
 - string "owner" - Owner of the file/directory.
 - string "group" - Group name of the file/directory.
 - string "permissions" - Octal file/directory permissions (eg: 644)
 - string "macro-start-delimiter" - Config file macro end delimiter. Use null or empty string to accept the default. (only for non-directories)
 - string "macro-end-delimiter" - Config file macro end delimiter. Use null or empty string to accept the default. (only for non-directories)
 - string "selinux_ctx" - SeLinux context (optional)
 - int "revision" - next revision number, auto increment for null
 - boolean "binary" - mark the binary content, if True, base64 encoded content is expected (only for non-directories)
- boolean commitToLocal
 - 1 - to commit configuration files to the system's local override configuration channel
 - 0 - to commit configuration files to the system's sandbox configuration channel

Returns:

- * struct configuration revision information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the contents_enc64 attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision
 - dateTime.iso8601 "creation" - Creation Date
 - dateTime.iso8601 "modified" - Last Modified Date
 - string "owner" - File Owner. Present for files or directories only.
 - string "group" - File Group. Present for files or directories only.
 - int "permissions" - File Permissions (Deprecated). Present for files or directories only.
 - string "permissions_mode" - File Permissions. Present for files or directories only.
 - string "selinux_ctx" - SELinux Context (optional).
 - boolean "binary" - true/false , Present for files only.
 - string "sha256" - File's sha256 signature. Present for files only.
 - string "macro-start-delimiter" - Macro start delimiter for a config file. Present for text files only.
 - string "macro-end-delimiter" - Macro end delimiter for a config file. Present for text files only.

Available since API version: 10.2

Chapter 946. Method: createOrUpdateSymlink

HTTP POST

Description:

Create a new symbolic link with the given path, or update an existing path.

Parameters:

- string sessionKey
- int sid
- string path - the configuration file/directory path
- struct data
 - string "target_path" - The target path for the symbolic link
 - string "selinux_ctx" - SELinux Security context (optional)
 - int "revision" - next revision number, auto increment for null
- boolean commitToLocal
 - 1 - to commit configuration files to the system's local override configuration channel
 - 0 - to commit configuration files to the system's sandbox configuration channel

Returns:

- * struct configuration revision information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the contents_enc64 attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision

-
- `dateTime.iso8601 "creation"` - Creation Date
 - `dateTime.iso8601 "modified"` - Last Modified Date
 - `string "owner"` - File Owner. Present for files or directories only.
 - `string "group"` - File Group. Present for files or directories only.
 - `int "permissions"` - File Permissions (Deprecated). Present for files or directories only.
 - `string "permissions_mode"` - File Permissions. Present for files or directories only.
 - `string "selinux_ctx"` - SELinux Context (optional).
 - `boolean "binary"` - true/false , Present for files only.
 - `string "sha256"` - File's sha256 signature. Present for files only.
 - `string "macro-start-delimiter"` - Macro start delimiter for a config file. Present for text files only.
 - `string "macro-end-delimiter"` - Macro end delimiter for a config file. Present for text files only.

Available since API version: 10.2

Chapter 947. Method: deleteFiles

HTTP POST

Description:

Removes file paths from a local or sandbox channel of a server.

Parameters:

- string sessionKey
- int sid
- string array paths
- boolean deleteFromLocal
 - True - to delete configuration file paths from the system's local override configuration channel
 - False - to delete configuration file paths from the system's sandbox configuration channel

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 948. Method: deployAll

HTTP POST

Description:

Schedules a deploy action for all the configuration files on the given list of systems.

Parameters:

- string sessionKey
- int array sids - IDs of the systems to schedule configuration files deployment
- dateTime.iso8601 date - Earliest date for the deploy action.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 949. Method: listChannels

HTTP GET

Description:

List all global('Normal', 'State') configuration channels associated to a system in the order of their ranking.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
- struct configuration channel information
 - int "id"
 - int "orgId"
 - string "label"
 - string "name"
 - string "description"
 - struct "configChannelType"
- struct configuration channel type information
 - int "id"
 - string "label"
 - string "name"
 - int "priority"

Chapter 950. Method: listFiles

HTTP GET

Description:

Return the list of files in a given channel.

Parameters:

- string sessionKey
- int sid
- int listLocal
 - 1 - to return configuration files in the system's local override configuration channel
 - 0 - to return configuration files in the system's sandbox configuration channel

Returns:

- array :
- struct configuration file information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "channel_label" - the label of the central configuration channel that has this file. Note this entry only shows up if the file has not been overridden by a central channel.
 - struct "channel_type"
- struct configuration channel type information
 - int "id"
 - string "label"
 - string "name"
 - int "priority"
 - dateTime.iso8601 "last_modified" - Last Modified Date

Chapter 951. Method: lookupFileInfo

HTTP GET

Description:

Given a list of paths and a server, returns details about the latest revisions of the paths.

Parameters:

- string sessionKey
- int sid
- string array paths - paths to lookup on.
- boolean searchLocal
 - 1 - to search configuration file paths in the system's local override configuration or systems subscribed central channels
 - 0 - to search configuration file paths in the system's sandbox configuration channel

Returns:

- array :
- struct configuration revision information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the contents_enc64 attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision
 - dateTime.iso8601 "creation" - Creation Date
 - dateTime.iso8601 "modified" - Last Modified Date
 - string "owner" - File Owner. Present for files or directories only.

-
- string "group" - File Group. Present for files or directories only.
 - int "permissions" - File Permissions (Deprecated). Present for files or directories only.
 - string "permissions_mode" - File Permissions. Present for files or directories only.
 - string "selinux_ctx" - SELinux Context (optional).
 - boolean "binary" - true/false , Present for files only.
 - string "sha256" - File's sha256 signature. Present for files only.
 - string "macro-start-delimiter" - Macro start delimiter for a config file. Present for text files only.
 - string "macro-end-delimiter" - Macro end delimiter for a config file. Present for text files only.

Available since API version: 10.2

Chapter 952. Method: removeChannels

HTTP POST

Description:

Remove config channels from the given servers.

Parameters:

- string sessionKey
- int array sids - the IDs of the systems from which you would like to remove configuration channels..
- string array configChannelLabels - List of configuration channel labels to remove.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 953. Method: scheduleApplyConfigChannel

HTTP POST

Description:

Schedule highstate application for a given system.

Parameters:

- string sessionKey
- int array sids
- dateTime.iso8601 earliestOccurrence
- boolean test - Run states in test-only mode

Returns:

- int actionId

Chapter 954. Method: setChannels

HTTP POST

Description:

Replace the existing set of config channels on the given servers. Channels are ranked according to their order in the configChannelLabels array.

Parameters:

- string sessionKey
- int array sids - IDs of the systems to set the channels on.
- string array configChannelLabels - List of configuration channel labels in the ranked order.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 955. Available methods

- `createKey`
- `deleteKey`
- `listAllKeys`
- `updateKey`

Chapter 956. Description

Provides methods to access and modify custom system information.

Namespace:

system.custominfo

Chapter 957. Method: createKey

HTTP POST

Description:

Create a new custom key

Parameters:

- string sessionKey
- string keyLabel - new key's label
- string keyDescription - new key's description

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 958. Method: deleteKey

HTTP POST

Description:

Delete an existing custom key and all systems' values for the key.

Parameters:

- string sessionKey
- string keyLabel - new key's label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 959. Method: listAllKeys

HTTP GET

Description:

List the custom information keys defined for the user's organization.

Parameters:

- string sessionKey

Returns:

- array :
- struct custom info
 - int "id"
 - string "label"
 - string "description"
 - int "system_count"
 - dateTime.iso8601 "last_modified"

Chapter 960. Method: updateKey

HTTP POST

Description:

Update description of a custom key

Parameters:

- string sessionKey
- string keyLabel - key to change
- string keyDescription - new key's description

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 961. Available methods

- `listEndpoints`

Chapter 962. Description

Provides methods to access information about managed systems, applications and formulas which can be relevant for Prometheus monitoring

Namespace:

system.monitoring

Chapter 963. Method: listEndpoints

HTTP GET

Description:

Get the list of monitoring endpoint details.

Parameters:

- string sessionKey
- int array sids

Returns:

- array :
- struct endpoint info
 - int "system_id"
 - string "endpoint_name"
 - string "exporter_name"
 - string "module"
 - string "path"
 - int "port"
 - bool "tls_enabled"

Chapter 964. Available methods

- `getDetails`
- `getDetails`
- `getStatus`
- `getStatus`
- `listTypes`
- `powerOff`
- `powerOff`
- `powerOn`
- `powerOn`
- `reboot`
- `reboot`
- `setDetails`
- `setDetails`

Chapter 965. Description

Provides methods to access and modify power management for systems. Some functions exist in 2 variants. Either with server id or with a name. The function with server id is useful when a system exists with a full profile. Everybody allowed to manage that system can execute these functions. The variant with name expects a cobbler system name prefix. These functions enhance the name by adding the org id of the user to limit access to systems from the own organization. Additionally Org Admin permissions are required to call these functions.

Namespace:

system.provisioning.powermanagement

Chapter 966. Method: getDetails

HTTP GET

Description:

Get current power management settings of the given system

Parameters:

- string sessionKey
- int sid

Returns:

- struct powerManagementParameters
 - string "powerType" - Power management type
 - string "powerAddress" - IP address for power management
 - string "powerUsername" - The Username
 - string "powerPassword" - The Password
 - string "powerId" - Identifier

Chapter 967. Method: getDetails

HTTP GET

Description:

Get current power management settings of the given system

Parameters:

- string sessionKey
- string name

Returns:

- struct powerManagementParameters
 - string "powerType" - Power management type
 - string "powerAddress" - IP address for power management
 - string "powerUsername" - The Username
 - string "powerPassword" - The Password
 - string "powerId" - Identifier

Chapter 968. Method: getStatus

HTTP GET

Description:

Execute powermanagement actions

Parameters:

- string sessionKey
- int sid

Returns:

- boolean status - True when power is on, otherwise False

Chapter 969. Method: getStatus

HTTP GET

Description:

Execute powermanagement actions

Parameters:

- string sessionKey
- string name

Returns:

- boolean status - True when power is on, otherwise False

Chapter 970. Method: listTypes

HTTP GET

Description:

Return a list of available power management types

Parameters:

- string sessionKey

Returns:

- string array power management types

Chapter 971. Method: powerOff

HTTP POST

Description:

Execute power management action 'powerOff'

Parameters:

- string sessionKey
- int sid

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 972. Method: powerOff

HTTP POST

Description:

Execute power management action 'powerOff'

Parameters:

- string sessionKey
- string name

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 973. Method: powerOn

HTTP POST

Description:

Execute power management action 'powerOn'

Parameters:

- string sessionKey
- int sid

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 974. Method: powerOn

HTTP POST

Description:

Execute power management action 'powerOn'

Parameters:

- string sessionKey
- string name

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 975. Method: reboot

HTTP POST

Description:

Execute power management action 'Reboot'

Parameters:

- string sessionKey
- int sid

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 976. Method: reboot

HTTP POST

Description:

Execute power management action 'Reboot'

Parameters:

- string sessionKey
- string name

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 977. Method: setDetails

HTTP POST

Description:

Get current power management settings of the given system

Parameters:

- string sessionKey
- int sid
- struct data
 - string "powerType" - Power management type
 - string "powerAddress" - IP address for power management
 - string "powerUsername" - The Username
 - string "powerPassword" - The Password
 - string "powerId" - Identifier

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 978. Method: setDetails

HTTP POST

Description:

Get current power management settings of the given system

Parameters:

- string sessionKey
- string name
- struct data
 - string "powerType" - Power management type
 - string "powerAddress" - IP address for power management
 - string "powerUsername" - The Username
 - string "powerPassword" - The Password
 - string "powerId" - Identifier

Returns:

- int - 1 on success, exception thrown otherwise.

system.provisioning.snapshot

Chapter 979. Available methods

- `addTagToSnapshot`
- `deleteSnapshot`
- `deleteSnapshots`
- `deleteSnapshots`
- `deleteSnapshots`
- `deleteSnapshots`
- `listSnapshotConfigFiles`
- `listSnapshotPackages`
- `listSnapshots`
- `listSnapshots`
- `rollbackToSnapshot`
- `rollbackToTag`
- `rollbackToTag`

Chapter 980. Description

Provides methods to access and delete system snapshots.

Namespace:

system.provisioning.snapshot

Chapter 981. Method: addTagToSnapshot

HTTP POST

Description:

Adds tag to snapshot

Parameters:

- string sessionKey
- int snapId - ID of the snapshot
- string tagName - Name of the snapshot tag

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 982. Method: deleteSnapshot

HTTP POST

Description:

Deletes a snapshot with the given snapshot id

Parameters:

- string sessionKey
- int snapId - ID of snapshot to delete

Returns:

- int - 1 on success, exception thrown otherwise.

Available since API version: 10.1

Chapter 983. Method: deleteSnapshots

HTTP POST

Description:

Deletes all snapshots across multiple systems based on the given date criteria. For example,

```
If the user provides startDate only, all snapshots created either on or after
the date provided will be removed.
If user provides startDate and endDate, all snapshots created on or between the
dates provided will be removed.
If the user doesn't provide a startDate and endDate, all snapshots will be
removed.
```

Parameters:

- string sessionKey
- dateTime.iso8601 startDate
- dateTime.iso8601 endDate

Returns:

- int - 1 on success, exception thrown otherwise.

Available since API version: 10.1

Chapter 984. Method: deleteSnapshots

HTTP POST

Description:

Deletes all snapshots for a given system based on the date criteria. For example,

```
If the user provides startDate only, all snapshots created either on or after
the date provided will be removed.
If user provides startDate and endDate, all snapshots created on or between the
dates provided will be removed.
If the user doesn't provide a startDate and endDate, all snapshots associated
with the server will be removed.
```

Parameters:

- string sessionKey
- int sid - ID of system to delete snapshots for
- dateTime.iso8601 startDate
- dateTime.iso8601 endDate

Returns:

- int - 1 on success, exception thrown otherwise.

Available since API version: 10.1

Chapter 985. Method: deleteSnapshots

HTTP POST

Description:

Deletes all snapshots across multiple systems based on the given date criteria. For example,

```
If the user provides startDate only, all snapshots created either on or after
the date provided will be removed.
If user provides startDate and endDate, all snapshots created on or between the
dates provided will be removed.
If the user doesn't provide a startDate and endDate, all snapshots will be
removed.
```

Parameters:

- string sessionKey
- struct dateDetails
 - dateTime.iso8601 "startDate" - Optional, unless endDate is provided.
 - dateTime.iso8601 "endDate" - Optional.

Returns:

- int - 1 on success, exception thrown otherwise.

Available since API version: 10.1

Chapter 986. Method: deleteSnapshots

HTTP POST

Description:

Deletes all snapshots for a given system based on the date criteria. For example,

```
If the user provides startDate only, all snapshots created either on or after
the date provided will be removed.
If user provides startDate and endDate, all snapshots created on or between the
dates provided will be removed.
If the user doesn't provide a startDate and endDate, all snapshots associated
with the server will be removed.
```

Parameters:

- string sessionKey
- int sid - ID of system to delete snapshots for
- struct dateDetails
 - dateTime.iso8601 "startDate" - Optional, unless endDate is provided.
 - dateTime.iso8601 "endDate" - Optional.

Returns:

- int - 1 on success, exception thrown otherwise.

Available since API version: 10.1

Chapter 987. Method: listSnapshotConfigFiles

HTTP GET

Description:

List the config files associated with a snapshot.

Parameters:

- string sessionKey
- int snapId

Returns:

- array :
- struct configuration revision information
 - string "type"
 - file
 - directory
 - symlink
 - string "path" - File Path
 - string "target_path" - Symbolic link Target File Path. Present for Symbolic links only.
 - string "channel" - Channel Name
 - string "contents" - File contents (base64 encoded according to the contents_enc64 attribute)
 - boolean "contents_enc64" - Identifies base64 encoded content
 - int "revision" - File Revision
 - dateTime.iso8601 "creation" - Creation Date
 - dateTime.iso8601 "modified" - Last Modified Date
 - string "owner" - File Owner. Present for files or directories only.
 - string "group" - File Group. Present for files or directories only.
 - int "permissions" - File Permissions (Deprecated). Present for files or directories only.
 - string "permissions_mode" - File Permissions. Present for files or directories only.
 - string "selinux_ctx" - SELinux Context (optional).

-
- boolean "binary" - true/false , Present for files only.
 - string "sha256" - File's sha256 signature. Present for files only.
 - string "macro-start-delimiter" - Macro start delimiter for a config file. Present for text files only.
 - string "macro-end-delimiter" - Macro end delimiter for a config file. Present for text files only.

Available since API version: 10.2

Chapter 988. Method: listSnapshotPackages

HTTP GET

Description:

List the packages associated with a snapshot.

Parameters:

- string sessionKey
- int snapId

Returns:

- array :
- struct package nevra
 - string "name"
 - string "epoch"
 - string "version"
 - string "release"
 - string "arch"

Available since API version: 10.1

Chapter 989. Method: listSnapshots

HTTP GET

Description:

List snapshots for a given system. A user may optionally provide a start and end date to narrow the snapshots that will be listed. For example,

```
If the user provides startDate only, all snapshots created either on or after
the date provided will be returned.
If user provides startDate and endDate, all snapshots created on or between the
dates provided will be returned.
If the user doesn't provide a startDate and endDate, all snapshots associated
with the server will be returned.
```

Parameters:

- string sessionKey
- int sid
- dateTime.iso8601 startDate
- dateTime.iso8601 endDate

Returns:

- array :
- struct server snapshot
 - int "id"
 - string "reason" - the reason for the snapshot's existence
 - dateTime.iso8601 "created"
 - string array "channels" - labels of channels associated with the snapshot
 - string array "groups" - names of server groups associated with the snapshot
 - string array "entitlements" - names of system entitlements associated with the snapshot
 - string array "config_channels" - labels of config channels the snapshot is associated with
 - string array "tags" - tag names associated with this snapshot
 - string "Invalid_reason" - if the snapshot is invalid, this is the reason (optional)

Available since API version: 10.1

Chapter 990. Method: listSnapshots

HTTP GET

Description:

List snapshots for a given system. A user may optionally provide a start and end date to narrow the snapshots that will be listed. For example,

```
If the user provides startDate only, all snapshots created either on or after
the date provided will be returned.
If user provides startDate and endDate, all snapshots created on or between the
dates provided will be returned.
If the user doesn't provide a startDate and endDate, all snapshots associated
with the server will be returned.
```

Parameters:

- string sessionKey
- int sid
- struct dateDetails
 - dateTime.iso8601 "startDate" - Optional, unless endDate is provided.
 - dateTime.iso8601 "endDate" - Optional.

Returns:

- array :
- struct server snapshot
 - int "id"
 - string "reason" - the reason for the snapshot's existence
 - dateTime.iso8601 "created"
 - string array "channels" - labels of channels associated with the snapshot
 - string array "groups" - names of server groups associated with the snapshot
 - string array "entitlements" - names of system entitlements associated with the snapshot
 - string array "config_channels" - labels of config channels the snapshot is associated with
 - string array "tags" - tag names associated with this snapshot
 - string "Invalid_reason" - if the snapshot is invalid, this is the reason (optional)

Available since API version: 10.1

Chapter 991. Method: rollbackToSnapshot

HTTP POST

Description:

Rollbacks server to snapshot

Parameters:

- string sessionKey
- int sid
- int snapId - ID of the snapshot

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 992. Method: rollbackToTag

HTTP POST

Description:

Rollbacks server to snapshot

Parameters:

- string sessionKey
- int sid
- string tagName - Name of the snapshot tag

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 993. Method: rollbackToTag

HTTP POST

Description:

Rollbacks server to snapshot

Parameters:

- string sessionKey
- string tagName - Name of the snapshot tag

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 994. Available methods

- `deleteXccdfScan`
- `getXccdfScanDetails`
- `getXccdfScanRuleResults`
- `listXccdfScans`
- `scheduleXccdfScan`
- `scheduleXccdfScan`
- `scheduleXccdfScan`
- `scheduleXccdfScan`
- `scheduleXccdfScan`

Chapter 995. Description

Provides methods to schedule SCAP scans and access the results.

Namespace:

system.scap

Chapter 996. Method: deleteXccdfScan

HTTP POST

Description:

Delete OpenSCAP XCCDF Scan from the #product() database. Note that only those SCAP Scans can be deleted which have passed their retention period.

Parameters:

- string sessionKey
- int xid - ID of XCCDF scan.

Returns:

- boolean status - indicates success of the operation

Chapter 997. Method: getXccdfScanDetails

HTTP GET

Description:

Get details of given OpenSCAP XCCDF scan.

Parameters:

- string sessionKey
- int xid - ID of XCCDF scan.

Returns:

- * struct OpenSCAP XCCDF Scan
 - int "xid" - XCCDF TestResult ID
 - int "sid" - serverId
 - int "action_id" - ID of the parent action
 - string "path" - path to XCCDF document
 - string "ovalfiles" - optional OVAL files
 - string "oscap_parameters" - oscap command-line arguments
 - string "test_result" - identifier of XCCDF TestResult
 - string "benchmark" - identifier of XCCDF Benchmark
 - string "benchmark_version" - version of the Benchmark
 - string "profile" - identifier of XCCDF Profile
 - string "profile_title" - title of XCCDF Profile
 - dateTime.iso8601 "start_time" - client machine time of scan start
 - dateTime.iso8601 "end_time" - client machine time of scan completion
 - string "errors" - stderr output of scan
 - boolean "deletable" - indicates whether the scan can be deleted

Chapter 998. Method: getXccdfScanRuleResults

HTTP GET

Description:

Return a full list of RuleResults for given OpenSCAP XCCDF scan.

Parameters:

- string sessionKey
- int xid - ID of XCCDF scan.

Returns:

- array :
- struct OpenSCAP XCCDF RuleResult
 - string "idref" - idref from XCCDF document
 - string "result" - result of evaluation
 - string "idents" - comma separated list of XCCDF idents

Chapter 999. Method: listXccdfScans

HTTP GET

Description:

Return a list of finished OpenSCAP scans for a given system.

Parameters:

- string sessionKey
- int sid

Returns:

- array :
- struct OpenSCAP XCCDF Scan
 - int "xid" - XCCDF TestResult ID
 - string "profile" - XCCDF Profile
 - string "path" - path to XCCDF document
 - string "ovalfiles" - optional OVAL files
 - dateTime.iso8601 "completed" - scan completion time

Chapter 1000. Method: scheduleXccdfScan

HTTP POST

Description:

Schedule OpenSCAP scan.

Parameters:

- string sessionKey
- int array sids
- string xccdfPath - path to xccdf content on targeted systems.
- string oscapParams - additional parameters for oscap tool.

Returns:

- int id - ID if SCAP action created

Chapter 1001. Method: scheduleXccdfScan

HTTP POST

Description:

Schedule OpenSCAP scan.

Parameters:

- string sessionKey
- int array sids
- string xccdfPath - path to xccdf content on targeted systems.
- string oscapParams - additional parameters for oscap tool.
- dateTime.iso8601 date - The date to schedule the action

Returns:

- int id - ID if SCAP action created

Chapter 1002. Method: scheduleXccdfScan

HTTP POST

Description:

Schedule OpenSCAP scan.

Parameters:

- string sessionKey
- int array sids
- string xccdfPath - Path to xccdf content on targeted systems.
- string oscapPrms - Additional parameters for oscap tool.
- string ovalFiles - Additional OVAL files for oscap tool.
- dateTime.iso8601 date - The date to schedule the action

Returns:

- int id - ID if SCAP action created

Chapter 1003. Method: scheduleXccdfScan

HTTP POST

Description:

Schedule Scap XCCDF scan.

Parameters:

- string sessionKey
- int sid
- string xccdfPath - Path to xccdf content on targeted systems.
- string oscapPrms - Additional parameters for oscap tool.

Returns:

- int id - ID of the scap action created

Chapter 1004. Method: scheduleXccdfScan

HTTP POST

Description:

Schedule Scap XCCDF scan.

Parameters:

- string sessionKey
- int sid
- string xccdfPath - Path to xccdf content on targeted systems.
- string oscapPrms - Additional parameters for oscap tool.
- dateTime.iso8601 date - The date to schedule the action

Returns:

- int id - ID of the scap action created

Chapter 1005. Available methods

- `deviceDescription`
- `deviceDriver`
- `deviceId`
- `deviceVendorId`
- `hostname`
- `ip`
- `nameAndDescription`
- `uuid`

Chapter 1006. Description

Provides methods to perform system search requests using the search server.

Namespace:

system.search

Chapter 1007. Method: deviceDescription

HTTP GET

Description:

List the systems which match the device description.

Parameters:

- string sessionKey
- string searchTerm

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - string "hostname"
 - string "uuid"
 - string "ip"
 - string "hw_description" - HW description if not null
 - string "hw_device_id" - HW device id if not null
 - string "hw_vendor_id" - HW vendor id if not null
 - string "hw_driver" - HW driver if not null

Chapter 1008. Method: deviceDriver

HTTP GET

Description:

List the systems which match this device driver.

Parameters:

- string sessionKey
- string searchTerm

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - string "hostname"
 - string "uuid"
 - string "ip"
 - string "hw_description" - HW description if not null
 - string "hw_device_id" - HW device id if not null
 - string "hw_vendor_id" - HW vendor id if not null
 - string "hw_driver" - HW driver if not null

Chapter 1009. Method: deviceId

HTTP GET

Description:

List the systems which match this device id

Parameters:

- string sessionId
- string searchTerm

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - string "hostname"
 - string "uuid"
 - string "ip"
 - string "hw_description" - HW description if not null
 - string "hw_device_id" - HW device id if not null
 - string "hw_vendor_id" - HW vendor id if not null
 - string "hw_driver" - HW driver if not null

Chapter 1010. Method: deviceVendorId

HTTP GET

Description:

List the systems which match this device vendor_id

Parameters:

- string sessionKey
- string searchTerm

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - string "hostname"
 - string "uuid"
 - string "ip"
 - string "hw_description" - HW description if not null
 - string "hw_device_id" - HW device id if not null
 - string "hw_vendor_id" - HW vendor id if not null
 - string "hw_driver" - HW driver if not null

Chapter 1011. Method: hostname

HTTP GET

Description:

List the systems which match this hostname

Parameters:

- string sessionKey
- string searchTerm

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - string "hostname"
 - string "uuid"
 - string "ip"
 - string "hw_description" - HW description if not null
 - string "hw_device_id" - HW device id if not null
 - string "hw_vendor_id" - HW vendor id if not null
 - string "hw_driver" - HW driver if not null

Chapter 1012. Method: ip

HTTP GET

Description:

List the systems which match this ip.

Parameters:

- string sessionKey
- string searchTerm

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - string "hostname"
 - string "uuid"
 - string "ip"
 - string "hw_description" - HW description if not null
 - string "hw_device_id" - HW device id if not null
 - string "hw_vendor_id" - HW vendor id if not null
 - string "hw_driver" - HW driver if not null

Chapter 1013. Method: nameAndDescription

HTTP GET

Description:

List the systems which match this name or description

Parameters:

- string sessionKey
- string searchTerm

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - string "hostname"
 - string "uuid"
 - string "ip"
 - string "hw_description" - HW description if not null
 - string "hw_device_id" - HW device id if not null
 - string "hw_vendor_id" - HW vendor id if not null
 - string "hw_driver" - HW driver if not null

Chapter 1014. Method: uuid

HTTP GET

Description:

List the systems which match this UUID

Parameters:

- string sessionKey
- string searchTerm

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - string "hostname"
 - string "uuid"
 - string "ip"
 - string "hw_description" - HW description if not null
 - string "hw_device_id" - HW device id if not null
 - string "hw_vendor_id" - HW vendor id if not null
 - string "hw_driver" - HW driver if not null

systemgroup

Chapter 1015. Available methods

- `addOrRemoveAdmins`
- `addOrRemoveSystems`
- `create`
- `delete`
- `getDetails`
- `getDetails`
- `listActiveSystemsInGroup`
- `listAdministrators`
- `listAllGroups`
- `listAssignedConfigChannels`
- `listAssignedFormuals`
- `listGroupsWithNoAssociatedAdmins`
- `listInactiveSystemsInGroup`
- `listInactiveSystemsInGroup`
- `listSystems`
- `listSystemsMinimal`
- `scheduleApplyErrataToActive`
- `scheduleApplyErrataToActive`
- `scheduleApplyErrataToActive`
- `subscribeConfigChannel`
- `unsubscribeConfigChannel`
- `update`

Chapter 1016. Description

Provides methods to access and modify system groups.

Namespace:

systemgroup

Chapter 1017. Method: addOrRemoveAdmins

HTTP POST

Description:

Add or remove administrators to/from the given group. #product() and Organization administrators are granted access to groups within their organization by default; therefore, users with those roles should not be included in the array provided. Caller must be an organization administrator.

Parameters:

- string sessionKey
- string systemGroupName
- string array loginName - User's loginName
- int add - 1 to add administrators, 0 to remove.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1018. Method: addOrRemoveSystems

HTTP POST

Description:

Add/remove the given servers to a system group.

Parameters:

- string sessionKey
- string systemGroupName
- int array serverIds
- boolean add - True to add to the group, False to remove.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1019. Method: create

HTTP POST

Description:

Create a new system group.

Parameters:

- string sessionKey
- string name - Name of the system group.
- string description - Description of the system group.

Returns:

- * struct server group
 - int "id"
 - string "name"
 - string "description"
 - int "org_id"
 - int "system_count"

Chapter 1020. Method: delete

HTTP POST

Description:

Delete a system group.

Parameters:

- string sessionKey
- string systemGroupName

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1021. Method: getDetails

HTTP GET

Description:

Retrieve details of a ServerGroup based on it's id

Parameters:

- string sessionKey
- int systemGroupId

Returns:

- * struct server group
 - int "id"
 - string "name"
 - string "description"
 - int "org_id"
 - int "system_count"

Chapter 1022. Method: getDetails

HTTP GET

Description:

Retrieve details of a ServerGroup based on it's name

Parameters:

- string sessionKey
- string systemGroupName

Returns:

- * struct server group
 - int "id"
 - string "name"
 - string "description"
 - int "org_id"
 - int "system_count"

Chapter 1023. Method: listActiveSystemsInGroup

HTTP GET

Description:

Lists active systems within a server group

Parameters:

- string sessionKey
- string systemGroupName

Returns:

- int array server_id

Chapter 1024. Method: listAdministrators

HTTP GET

Description:

Returns the list of users who can administer the given group. Caller must be a system group admin or an organization administrator.

Parameters:

- string sessionKey
- string systemGroupName

Returns:

- array :
- struct user
 - int "id"
 - string "login"
 - string "login_uc" - upper case version of the login
 - boolean "enabled" - true if user is enabled, false if the user is disabled

Chapter 1025. Method: listAllGroups

HTTP GET

Description:

Retrieve a list of system groups that are accessible by the logged in user.

Parameters:

- string sessionKey

Returns:

- array :
- struct server group
 - int "id"
 - string "name"
 - string "description"
 - int "org_id"
 - int "system_count"

Chapter 1026. Method: listAssignedConfigChannels

HTTP GET

Description:

List all Configuration Channels assigned to a system group

Parameters:

- string sessionKey
- string systemGroupName

Returns:

- array :
- struct configuration channel information
 - int "id"
 - int "orgId"
 - string "label"
 - string "name"
 - string "description"
 - struct "configChannelType"
- struct configuration channel type information
 - int "id"
 - string "label"
 - string "name"
 - int "priority"

Available since API version: 25

Chapter 1027. Method: listAssignedFormuals

HTTP GET

Description:

List all Configuration Channels assigned to a system group

Parameters:

- string sessionKey
- string systemGroupName

Returns:

- array :
- struct formula
 - string "name"
 - string "description"
 - string "formula_group"

Available since API version: 25

Chapter 1028. Method: listGroupsWithNoAssociatedAdmins

HTTP GET

Description:

Returns a list of system groups that do not have an administrator. (who is not an organization administrator, as they have implicit access to system groups) Caller must be an organization administrator.

Parameters:

- string sessionKey

Returns:

- array :
- struct server group
 - int "id"
 - string "name"
 - string "description"
 - int "org_id"
 - int "system_count"

Chapter 1029. Method: listInactiveSystemsInGroup

HTTP GET

Description:

Lists inactive systems within a server group using a specified inactivity time.

Parameters:

- string sessionKey
- string systemGroupName
- int daysInactive - Number of days a system must not check in to be considered inactive.

Returns:

- int array server_id

Chapter 1030. Method: listInactiveSystemsInGroup

HTTP GET

Description:

Lists inactive systems within a server group using the default 1 day threshold.

Parameters:

- string sessionKey
- string systemGroupName

Returns:

- int array server_id

Chapter 1031. Method: listSystems

HTTP GET

Description:

Return a list of systems associated with this system group. User must have access to this system group.

Parameters:

- string sessionKey
- string systemGroupName

Returns:

- array :
- struct server details
 - int "id" - system ID
 - string "profile_name"
 - string "machine_id"
 - boolean "payg" - Whether the server instance is payg or not
 - string "minion_id"
 - string "base_entitlement" - system's base entitlement label
 - string array "addon_entitlements" - system's addon entitlements labels, currently only 'virtualization_host'
 - boolean "auto_update" - true if system has auto errata updates enabled
 - string "release" - the operating system release (i.e. 4AS, 5Server)
 - string "address1"
 - string "address2"
 - string "city"
 - string "state"
 - string "country"
 - string "building"
 - string "room"
 - string "rack"

-
- string "description"
 - string "hostname"
 - dateTime.iso8601 "last_boot"
 - string "osa_status" - either 'unknown', 'offline', or 'online'
 - boolean "lock_status" - True indicates that the system is locked. False indicates that the system is unlocked.
 - string "virtualization" - virtualization type - for virtual guests only (optional)
 - string "contact_method" - one of the following:
 - default
 - ssh-push
 - ssh-push-tunnel

Chapter 1032. Method: listSystemsMinimal

HTTP GET

Description:

Return a list of systems associated with this system group. User must have access to this system group.

Parameters:

- string sessionKey
- string systemGroupName

Returns:

- array :
- struct system
 - int "id"
 - string "name"
 - dateTime.iso8601 "last_checkin" - last time server successfully checked in
 - dateTime.iso8601 "created" - server registration time
 - dateTime.iso8601 "last_boot" - last server boot time
 - int "extra_pkg_count" - number of packages not belonging to any assigned channel
 - int "outdated_pkg_count" - number of out-of-date packages

Chapter 1033. Method: scheduleApplyErrataToActive

HTTP POST

Description:

Schedules an action to apply errata updates to active systems from a group.

Parameters:

- string sessionKey
- string systemGroupName
- int array errataIds

Returns:

- int array actionId

Available since API version: 13.0

Chapter 1034. Method: scheduleApplyErrataToActive

HTTP POST

Description:

Schedules an action to apply errata updates to active systems from a group at a given date/time.

Parameters:

- string sessionKey
- string systemGroupName
- int array errataIds
- dateTime.iso8601 earliestOccurrence

Returns:

- int array actionId

Available since API version: 13.0

Chapter 1035. Method: scheduleApplyErrataToActive

HTTP POST

Description:

Schedules an action to apply errata updates to active systems from a group at a given date/time.

Parameters:

- string sessionKey
- string systemGroupName
- int array errataIds
- dateTime.iso8601 earliestOccurrence
- boolean onlyRelevant

Returns:

- int array actionId

Available since API version: 24

Chapter 1036. Method: subscribeConfigChannel

HTTP POST

Description:

Subscribe given config channels to a system group

Parameters:

- string sessionKey
- string systemGroupName
- string array configChannelLabels

Returns:

- 1 on success, exception on failure

Chapter 1037. Method: unsubscribeConfigChannel

HTTP POST

Description:

Unsubscribe given config channels to a system group

Parameters:

- string sessionKey
- string systemGroupName
- string array configChannelLabels

Returns:

- 1 on success, exception on failure

Chapter 1038. Method: update

HTTP POST

Description:

Update an existing system group.

Parameters:

- string sessionKey
- string systemGroupName
- string description

Returns:

- * struct server group
 - int "id"
 - string "name"
 - string "description"
 - int "org_id"
 - int "system_count"

user

Chapter 1039. Available methods

- `addAssignedSystemGroup`
- `addAssignedSystemGroups`
- `addDefaultSystemGroup`
- `addDefaultSystemGroups`
- `addRole`
- `create`
- `create`
- `delete`
- `disable`
- `enable`
- `getCreateDefaultSystemGroup`
- `getDetails`
- `listAssignableRoles`
- `listAssignedSystemGroups`
- `listDefaultSystemGroups`
- `listPermissions`
- `listRoles`
- `listUsers`
- `removeAssignedSystemGroup`
- `removeAssignedSystemGroups`
- `removeDefaultSystemGroup`
- `removeDefaultSystemGroups`
- `removeRole`
- `setCreateDefaultSystemGroup`
- `setDetails`
- `setErrataNotifications`
- `setReadOnly`

-
- `usePamAuthentication`

Chapter 1040. Description

User namespace contains methods to access common user functions available from the web user interface.

Namespace:

user

Chapter 1041. Method: addAssignedSystemGroup

HTTP POST

Description:

Add system group to user's list of assigned system groups.

Parameters:

- string sessionKey
- string login - User's login name.
- string sgName
- boolean setDefault - Should system group also be added to user's list of default system groups.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1042. Method: addAssignedSystemGroups

HTTP POST

Description:

Add system groups to user's list of assigned system groups.

Parameters:

- string sessionKey
- string login - User's login name.
- string array sgNames - server group names
- boolean setDefault - Should system groups also be added to user's list of default system groups.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1043. Method: addDefaultSystemGroup

HTTP POST

Description:

Add system group to user's list of default system groups.

Parameters:

- string sessionKey
- string login - User's login name.
- string name - server group name

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1044. Method: addDefaultSystemGroups

HTTP POST

Description:

Add system groups to user's list of default system groups.

Parameters:

- string sessionKey
- string login - User's login name.
- string array sgNames - server group names

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1045. Method: addRole

HTTP POST

Description:

Adds a role to a user.

Parameters:

- string sessionKey
- string login - user login name to update
- string role - the role label to add

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1046. Method: create

HTTP POST

Description:

Create a new user.

Parameters:

- string sessionKey
- string login - desired login name, will fail if already in use.
- string password
- string firstName
- string lastName
- string email - User's e-mail address.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1047. Method: create

HTTP POST

Description:

Create a new user.

Parameters:

- string sessionKey
- string login - desired login name, will fail if already in use.
- string password
- string firstName
- string lastName
- string email - User's e-mail address.
- int usePamAuth - 1 if you wish to use PAM authentication for this user, 0 otherwise.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1048. Method: delete

HTTP POST

Description:

Delete a user.

Parameters:

- string sessionKey
- string login - User login name to delete.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1049. Method: disable

HTTP POST

Description:

Disable a user.

Parameters:

- string sessionKey
- string login - User login name to disable.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1050. Method: enable

HTTP POST

Description:

Enable a user.

Parameters:

- string sessionKey
- string login - User login name to enable.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1051. Method: getCreateDefaultSystemGroup

HTTP GET

Description:

Returns the current value of the CreateDefaultSystemGroup setting. If True this will cause there to be a system group created (with the same name as the user) every time a new user is created, with the user automatically given permission to that system group and the system group being set as the default group for the user (so every time the user registers a system it will be placed in that system group by default). This can be useful if different users will administer different groups of servers in the same organization. Can only be called by an org_admin.

Parameters:

- string sessionKey

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1052. Method: getDetails

HTTP GET

Description:

Returns the details about a given user.

Parameters:

- string sessionKey
- string login - User's login name.

Returns:

- struct user details
 - string "first_names" - deprecated, use first_name
 - string "first_name"
 - string "last_name"
 - string "email"
 - int "org_id"
 - string "org_name"
 - string "prefix"
 - string "last_login_date"
 - string "created_date"
 - boolean "enabled" - true if user is enabled, false if the user is disabled
 - boolean "use_pam" - true if user is configured to use PAM authentication
 - boolean "read_only" - true if user is readonly
 - boolean "errata_notification" - true if errata e-mail notification is enabled for the user

Chapter 1053. Method: listAssignableRoles

HTTP GET

Description:

Returns a list of user roles that this user can assign to others.

Parameters:

- string sessionKey

Returns:

- string array (role label)

Chapter 1054. Method: listAssignedSystemGroups

HTTP GET

Description:

Returns the system groups that a user can administer.

Parameters:

- string sessionKey
- string login - User's login name.

Returns:

- array :
 - struct system group
 - int "id"
 - string "name"
 - string "description"
 - int "system_count"
 - int "org_id" - Organization ID for this system group.

Chapter 1055. Method: listDefaultSystemGroups

HTTP GET

Description:

Returns a user's list of default system groups.

Parameters:

- string sessionKey
- string login - User's login name.

Returns:

- array :
 - struct system group
 - int "id"
 - string "name"
 - string "description"
 - int "system_count"
 - int "org_id" - Organization ID for this system group.

Chapter 1056. Method: listPermissions

HTTP GET

Description:

Lists the effective RBAC permissions of a user.

Parameters:

- string sessionKey
- string login - user's login name

Returns:

- array :
- struct namespace
 - string "namespace"
 - string "access_mode"
 - string "description"

Chapter 1057. Method: listRoles

HTTP GET

Description:

Returns a list of the user's roles.

Parameters:

- string sessionKey
- string login - user's login name

Returns:

- string array the role label

Chapter 1058. Method: listUsers

HTTP GET

Description:

Returns a list of users in your organization.

Parameters:

- string sessionKey

Returns:

- array :
- struct user
 - int "id"
 - string "login"
 - string "login_uc" - upper case version of the login
 - boolean "enabled" - true if user is enabled, false if the user is disabled

Chapter 1059. Method: removeAssignedSystemGroup

HTTP POST

Description:

Remove system group from the user's list of assigned system groups.

Parameters:

- string sessionKey
- string login - User's login name.
- string sgName - server group name
- boolean setDefault - Should system group also be removed from the user's list of default system groups.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1060. Method: removeAssignedSystemGroups

HTTP POST

Description:

Remove system groups from a user's list of assigned system groups.

Parameters:

- string sessionKey
- string login - User's login name.
- string array sgNames - server group names
- boolean setDefault - Should system groups also be removed from the user's list of default system groups.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1061. Method: removeDefaultSystemGroup

HTTP POST

Description:

Remove a system group from user's list of default system groups.

Parameters:

- string sessionKey
- string login - User's login name.
- string sgName - server group name

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1062. Method: removeDefaultSystemGroups

HTTP POST

Description:

Remove system groups from a user's list of default system groups.

Parameters:

- string sessionKey
- string login - User's login name.
- string array sgNames - server group names

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1063. Method: removeRole

HTTP POST

Description:

Remove a role from a user.

Parameters:

- string sessionKey
- string login - user login name to update
- string role - the role label to remove

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1064. Method: setCreateDefaultSystemGroup

HTTP POST

Description:

Sets the value of the createDefaultSystemGroup setting. If True this will cause there to be a system group created (with the same name as the user) every time a new user is created, with the user automatically given permission to that system group and the system group being set as the default group for the user (so every time the user registers a system it will be placed in that system group by default). This can be useful if different users will administer different groups of servers in the same organization. Can only be called by an org_admin.

Parameters:

- string sessionKey
- boolean createDefaultSystemGroup - true if we should automatically create system groups, false otherwise.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1065. Method: setDetails

HTTP POST

Description:

Updates the details of a user.

Parameters:

- string sessionKey
- string login - User's login name.
- struct details
 - string "first_names" - deprecated, use first_name
 - string "first_name"
 - string "last_name"
 - string "email"
 - string "prefix"
 - string "password"

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1066. Method: setErrataNotifications

HTTP POST

Description:

Enables/disables errata mail notifications for a specific user.

Parameters:

- string sessionKey
- string login - User's login name.
- boolean value - True for enabling errata notifications, False for disabling

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1067. Method: setReadOnly

HTTP POST

Description:

Sets whether the target user should have only read-only API access or standard full scale access.

Parameters:

- string sessionKey
- string login - User's login name.
- boolean readOnly - Sets whether the target user should have only read-only API access or standard full scale access.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1068. Method: usePamAuthentication

HTTP POST

Description:

Toggles whether or not a user uses PAM authentication or basic #product() authentication.

Parameters:

- string sessionKey
- string login - User's login name.
- int val
 - 1 to enable PAM authentication
 - 0 to disable.

Returns:

- int - 1 on success, exception thrown otherwise.

user.external

Chapter 1069. Available methods

- `createExternalGroupToRoleMap`
- `createExternalGroupToSystemGroupMap`
- `deleteExternalGroupToRoleMap`
- `deleteExternalGroupToSystemGroupMap`
- `getDefaultOrg`
- `getExternalGroupToRoleMap`
- `getExternalGroupToSystemGroupMap`
- `getKeepTemporaryRoles`
- `getUseOrgUnit`
- `listExternalGroupToRoleMaps`
- `listExternalGroupToSystemGroupMaps`
- `setDefaultOrg`
- `setExternalGroupRoles`
- `setExternalGroupSystemGroups`
- `setKeepTemporaryRoles`
- `setUseOrgUnit`

Chapter 1070. Description

If you are using IPA integration to allow authentication of users from an external IPA server (rare) the users will still need to be created in the `#product()` database. Methods in this namespace allow you to configure some specifics of how this happens, like what organization they are created in or what roles they will have. These options can also be set in the web admin interface.

Namespace:

`user.external`

Chapter 1071. Method: createExternalGroupToRoleMap

HTTP POST

Description:

Externally authenticated users may be members of external groups. You can use these groups to assign additional roles to the users when they log in. Can only be called by a #product() Administrator.

Parameters:

- string sessionKey
- string name - Name of the external group. Must be unique.
- string array roles - role - Can be any of: satellite_admin, org_admin (implies all other roles except for satellite_admin), channel_admin, config_admin, system_group_admin, or activation_key_admin.

Returns:

- * struct external group
 - string "name"
 - string array "roles" - role

Chapter 1072. Method: createExternalGroupToSystemGroupMap

HTTP POST

Description:

Externally authenticated users may be members of external groups. You can use these groups to give access to server groups to the users when they log in. Can only be called by an org_admin.

Parameters:

- string sessionKey
- string name - Name of the external group. Must be unique.
- string array groupNames - the names of the server groups to grant access to.

Returns:

- * struct external group
 - string "name"
 - string array "groups" - roles

Chapter 1073. Method: deleteExternalGroupToRoleMap

HTTP POST

Description:

Delete the role map for an external group. Can only be called by a #product() Administrator.

Parameters:

- string sessionKey
- string name - Name of the external group.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1074. Method: deleteExternalGroupToSystemGroupMap

HTTP POST

Description:

Delete the server group map for an external group. Can only be called by an org_admin.

Parameters:

- string sessionKey
- string name - Name of the external group.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1075. Method: getDefaultOrg

HTTP GET

Description:

Get the default org that users should be added in if orgunit from IPA server isn't found or is disabled. Can only be called by a #product() Administrator.

Parameters:

- string sessionKey

Returns:

- int id - ID of the default organization. 0 if there is no default

Chapter 1076. Method: getExternalGroupToRoleMap

HTTP GET

Description:

Get a representation of the role mapping for an external group. Can only be called by a #product() Administrator.

Parameters:

- string sessionKey
- string name - Name of the external group.

Returns:

- * struct external group
 - string "name"
 - string array "roles" - role

Chapter 1077. Method: getExternalGroupToSystemGroupMap

HTTP GET

Description:

Get a representation of the server group mapping for an external group. Can only be called by an org_admin.

Parameters:

- string sessionKey
- string name - Name of the external group.

Returns:

- * struct external group
 - string "name"
 - string array "groups" - roles

Chapter 1078. Method: getKeepTemporaryRoles

HTTP GET

Description:

Get whether we should keep roles assigned to users because of their IPA groups even after they log in through a non-IPA method. Can only be called by a #product() Administrator.

Parameters:

- string sessionKey

Returns:

- boolean keep - True if we should keep roles after users log in through non-IPA method, false otherwise

Chapter 1079. Method: `getUseOrgUnit`

HTTP GET

Description:

Get whether we place users into the organization that corresponds to the "orgunit" set on the IPA server. The orgunit name must match exactly the `#product()` organization name. Can only be called by a `#product()` Administrator.

Parameters:

- string `sessionKey`

Returns:

- boolean `use` - True if we should use the IPA orgunit to determine which organization to create the user in, false otherwise

Chapter 1080. Method: listExternalGroupToRoleMaps

HTTP GET

Description:

List role mappings for all known external groups. Can only be called by a #product() Administrator.

Parameters:

- string sessionKey

Returns:

- array :
- struct external group
 - string "name"
 - string array "roles" - role

Chapter 1081. Method: listExternalGroupToSystemGroupMaps

HTTP GET

Description:

List server group mappings for all known external groups. Can only be called by an org_admin.

Parameters:

- string sessionKey

Returns:

- array :
- struct external group
 - string "name"
 - string array "groups" - roles

Chapter 1082. Method: setDefaultOrg

HTTP POST

Description:

Set the default org that users should be added in if orgunit from IPA server isn't found or is disabled. Can only be called by a #product() Administrator.

Parameters:

- string sessionKey
- int orgId - ID of the organization to set as the default org. 0 if there should not be a default organization.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1083. Method: setExternalGroupRoles

HTTP POST

Description:

Update the roles for an external group. Replace previously set roles with the ones passed in here. Can only be called by a #product() Administrator.

Parameters:

- string sessionKey
- string name - Name of the external group.
- string array roles - role - Can be any of: satellite_admin, org_admin (implies all other roles except for satellite_admin), channel_admin, config_admin, system_group_admin, or activation_key_admin.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1084. Method: setExternalGroupSystemGroups

HTTP POST

Description:

Update the server groups for an external group. Replace previously set server groups with the ones passed in here. Can only be called by an org_admin.

Parameters:

- string sessionKey
- string name - Name of the external group.
- string array groupNames - the names of the server groups to grant access to.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1085. Method: setKeepTemporaryRoles

HTTP POST

Description:

Set whether we should keep roles assigned to users because of their IPA groups even after they log in through a non-IPA method. Can only be called by a #product() Administrator.

Parameters:

- string sessionKey
- boolean keepRoles - True if we should keep roles after users log in through non-IPA method, false otherwise.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1086. Method: setUseOrgUnit

HTTP POST

Description:

Set whether we place users into the organization that corresponds to the "orgunit" set on the IPA server. The orgunit name must match exactly the #product() organization name. Can only be called by a #product() Administrator.

Parameters:

- string sessionKey
- boolean useOrgUnit - true if we should use the IPA orgunit to determine which organization to create the user in, false otherwise.

Returns:

- int - 1 on success, exception thrown otherwise.

user.notifications

Chapter 1087. Available methods

- `deleteNotifications`
- `getNotifications`
- `setAllNotificationsRead`
- `setNotificationsRead`

Chapter 1088. Description

Provides methods to manage user notifications.

Namespace:

user.notifications

Chapter 1089. Method: deleteNotifications

HTTP POST

Description:

Deletes multiple notifications

Parameters:

- string sessionKey
- int array notifications - The list of notification IDs to delete.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1090. Method: getNotifications

HTTP GET

Description:

Get all notifications from a user.

Parameters:

- string sessionKey
- boolean unread - If true, return only unread notifications.

Returns:

- array :
- struct notification
 - long "id"
 - read array "boolean" - \$desc
 - message array "string" - \$desc
 - summary array "string" - \$desc
 - details array "string" - \$desc
 - type array "notificationType" - \$desc
 - created array "date" - \$desc

Chapter 1091. Method: setAllNotificationsRead

HTTP POST

Description:

Set all notifications from a user as read

Parameters:

- string sessionKey

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1092. Method: setNotificationsRead

HTTP POST

Description:

Set notifications of the given user as read

Parameters:

- string sessionKey
- int array notifications - The list of notification IDs to set as 'read'.

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1093. Available methods

- `create`
- `delete`
- `getDetail`
- `getModuleParameters`
- `listAvailableVirtualHostGathererModules`
- `listVirtualHostManagers`

Chapter 1094. Description

Provides the namespace for the Virtual Host Manager methods.

Namespace:

virtualhostmanager

Chapter 1095. Method: create

HTTP POST

Description:

Creates a Virtual Host Manager from given arguments

Parameters:

- string sessionKey
- string label - Virtual Host Manager label
- string moduleName - the name of the Gatherer module
- parameters parameters - additional parameters (credentials, parameters for virtual-host-gatherer)

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1096. Method: delete

HTTP POST

Description:

Deletes a Virtual Host Manager with a given label

Parameters:

- string sessionKey
- string label - Virtual Host Manager label

Returns:

- int - 1 on success, exception thrown otherwise.

Chapter 1097. Method: getDetail

HTTP GET

Description:

Gets details of a Virtual Host Manager with a given label

Parameters:

- string sessionKey
- string label - Virtual Host Manager label

Returns:

- * struct virtual host manager
 - string "label"
 - int "org_id"
 - string "gatherer_module"
 - struct "configs"

Chapter 1098. Method: getModuleParameters

HTTP GET

Description:

Get a list of parameters for a virtual-host-gatherer module. It returns a map of parameters with their typical default values.

Parameters:

- string sessionKey
- string moduleName - The name of the module

Returns:

- map module_params - module parameters

Chapter 1099. Method: listAvailableVirtualHostGathererModules

HTTP GET

Description:

List all available modules from virtual-host-gatherer

Parameters:

- string sessionKey

Returns:

- string array moduleName

Chapter 1100. Method: listVirtualHostManagers

HTTP GET

Description:

Lists Virtual Host Managers visible to a user

Parameters:

- string sessionKey

Returns:

- array :
- struct virtual host manager
 - string "label"
 - int "org_id"
 - string "gatherer_module"
 - struct "configs"