

SUSE Multi-Linux Support

Registering CentOS Linux 7 with the SUSE Customer Center

This guide explains how to register and update CentOS Linux 7 directly with the SUSE Customer Center. This registration method is only available with the *SUSE Multi-Linux Support Lite* subscription.

To register with SUSE Multi-Linux Manager, see [Registering RHEL 7 or CentOS Linux 7 with SUSE Multi-Linux Manager \(https://documentation.suse.com/liberty/7/html/suma-quickstart/art-suma-quickstart.html\)](https://documentation.suse.com/liberty/7/html/suma-quickstart/art-suma-quickstart.html).

To register with RMT, see [Registering RHEL 7 or CentOS Linux 7 with RMT \(https://documentation.suse.com/liberty/7/html/quickstart/art-quickstart.html\)](https://documentation.suse.com/liberty/7/html/quickstart/art-quickstart.html).

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Important: End of general support

SUSE Multi-Linux Support 7 has reached the end of general support and is now in LTSS (Long Term Service Support).

If you have a *SUSE Multi-Linux Support* subscription but do not have an *LTSS* subscription, you can continue to use your systems. However, registering new RHEL 7 or CentOS Linux 7 systems with the general subscription is no longer supported.

To register new RHEL 7 or CentOS Linux 7 systems, and to continue receiving new updates for existing systems, you must use an *LTSS* subscription.

1 Introduction

SUSE Multi-Linux Support is a technology and support solution for mixed Linux environments. With a SUSE Multi-Linux Support subscription, you can register and update Red Hat Enterprise Linux and CentOS Linux from repositories provided by SUSE. Optional High Availability repositories are also available.

 CentOS Stream is not supported.

This guide describes how to register directly with the SUSE Customer Center. **This registration method is only available for CentOS Linux 7 with the *SUSE Multi-Linux Support Lite* subscription.** To register Red Hat Enterprise Linux or CentOS Linux with a different SUSE Multi-Linux Support subscription, you must use SUSE Multi-Linux Manager or RMT.

PROCEDURE OVERVIEW

1. [Section 2, “Finding your registration code in the SUSE Customer Center”](#). You must have a valid registration code to register your system to the SUSE Customer Center.
2. [Section 3, “Registering CentOS Linux 7 with the SUSE Customer Center”](#). SUSE provides a registration script to simplify the process of adding SUSE repositories to a non-SUSE system.

 Note: *SUSE Multi-Linux Support* and *SUSE Liberty Linux* or *Expanded Support*

SUSE Multi-Linux Support was previously named *SUSE Liberty Linux* and *SUSE Linux Enterprise Server with Expanded Support*. Some components might still use one of these names.

RELATED INFORMATION

- SUSE Customer Center *User Guide* (<https://scc.suse.com/docs/userguide>)
- *Registering RHEL 7 or CentOS Linux 7 with SUSE Multi-Linux Manager* (<https://documentation.suse.com/liberty/7/html/suma-quickstart/art-suma-quickstart.html>)
- *Registering RHEL 7 or CentOS Linux 7 with RMT* (<https://documentation.suse.com/liberty/7/html/quickstart/art-quickstart.html>)
- SUSE Multi-Linux Support 9 documentation (<https://documentation.suse.com/liberty/9/>)
- SUSE Multi-Linux Support 8 documentation (<https://documentation.suse.com/liberty/8/>)

2 Finding your registration code in the SUSE Customer Center

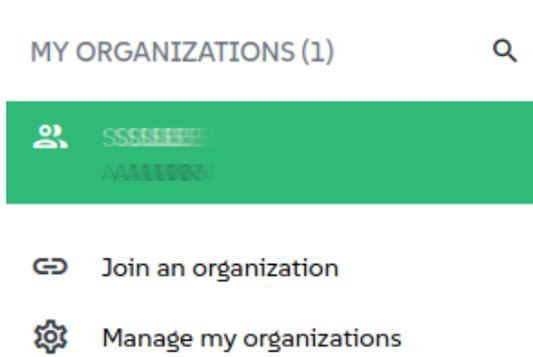
Use this procedure to find the SUSE Multi-Linux Support registration code in the SUSE Customer Center. SUSE Multi-Linux Support subscriptions are listed under the product name *SUSE Liberty Linux*.

REQUIREMENTS

- You have a SUSE Customer Center account. To create an account, see [Creating a SUSE Account](https://scc.suse.com/docs/userguide#UG-Creating-a-SUSE-Account) (<https://scc.suse.com/docs/userguide#UG-Creating-a-SUSE-Account>).
- Your account is associated with an organization that has a SUSE Multi-Linux Support subscription. For more information, see [Working with Organizations](https://scc.suse.com/docs/userguide#UG-Working-with-Organizations) (<https://scc.suse.com/docs/userguide#UG-Working-with-Organizations>).
- The SUSE Multi-Linux Support subscription has been activated in the SUSE Customer Center. If you still need to activate the subscription, see [Activating and Managing Subscriptions](https://scc.suse.com/docs/userguide#UG-Activating-and-Managing-Subscriptions) (<https://scc.suse.com/docs/userguide#UG-Activating-and-Managing-Subscriptions>).

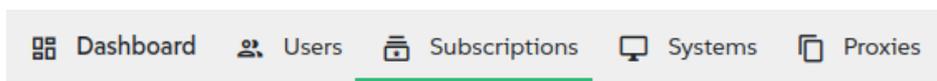
PROCEDURE 1: FINDING YOUR REGISTRATION CODE IN THE SUSE CUSTOMER CENTER

1. Log in to the SUSE Customer Center (<https://scc.suse.com>).
2. In the sidebar on the left, navigate to *My Organizations* and select your organization.

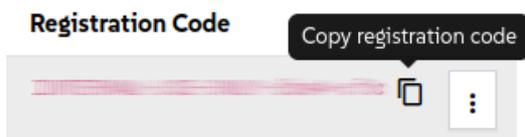


If you belong to more than one organization, make sure the organization you select has an active SUSE Multi-Linux Support subscription.

3. In the top menu, select *Subscriptions*.



4. Find the subscription named SUSE Liberty Linux LTSS 7.
5. You can copy the registration code by clicking the *Copy registration code* icon.



MORE INFORMATION

- SUSE Customer Center *User Guide* (<https://scc.suse.com/docs/userguide>)
- SUSE Customer Center *Frequently Asked Questions* (<https://scc.suse.com/docs/help>)

3 Registering CentOS Linux 7 with the SUSE Customer Center

Use this procedure to register CentOS Linux 7 directly with the SUSE Customer Center. To automate the process, SUSE provides a registration script in a publicly available repository.

- ! CentOS Stream is not supported.

This registration method is only available for CentOS Linux 7 with the *SUSE Multi-Linux Support Lite* subscription. To register Red Hat Enterprise Linux or CentOS Linux with a different SUSE Multi-Linux Support subscription, you must use SUSE Multi-Linux Manager or RMT.

REQUIREMENTS

- You have a valid registration code for *SUSE Multi-Linux Support Lite*.
- The system you want to register is running CentOS Linux 7. *SUSE Multi-Linux Support Lite* only supports CentOS Linux, not Red Hat Enterprise Linux.
- The system you want to register has network access to the [SUSE Customer Center \(https://scc.suse.com/\)](https://scc.suse.com/) and <https://installer-updates.suse.com>.
- The system you want to register has the following packages installed: `bash`, `ca-certificates`, `curl`, `rpm` and `yum`.

PROCEDURE 2: REGISTERING CENTOS LINUX 7 WITH THE SUSE CUSTOMER CENTER

1. Log in as either the `root` user or a user with `sudo` privileges.
2. Before you run the registration script, create a backup of `/etc/yum.repos.d/`:

```
# cp -r /etc/yum.repos.d/ /etc/yum.repos.d.bak
```

The registration script also creates a backup at `/etc/yum.repos.d.backup`, but we recommend the additional backup as an extra precaution. The script removes *all* files in `/etc/yum.repos.d/` that start with `CentOS`. If it removes any custom or third-party repositories that you still need, you can restore them from the backup.

3. Download the registration script:

```
# curl -O https://installer-updates.suse.com/SUSE/Updates/RES-REG/7-LTSS/installer/update/client-setup-mls-lite.sh
```

The option `--remote-name` (or `-O`) writes the output to a local file with the same name as the remote file.

4. Add the SUSE Multi-Linux Support registration code to the `SCC_REG_CODE` environment variable:

```
# export SCC_REG_CODE="REGISTRATION_CODE"
```

5. Run the registration script:

```
# sh ./client-setup-mls-lite.sh
```

The script performs the following tasks:

- Creates a backup of `/etc/yum.repos.d/` at `/etc/yum.repos.d.backup`.
- Removes the existing CentOS repositories from `/etc/yum.repos.d/`.
- Imports the CA certificate to the trust store.
- Adds the SUSE Installer Updates repository, which provides the registration tools.
- Imports all required repository keys and GPG keys.
- Replaces the CentOS release package with the SUSE Multi-Linux Support release package.
- Upgrades yum to a version that supports accessing repositories directly with a security token.
- Installs SUSEConnect and its dependencies.
- Uses SUSEConnect to register the system with the SUSE Customer Center.

You should see the following output:

```
Installed Products:
-----

SUSE Liberty Linux release file
(RES-LTSS/7/x86_64)

Registered
```

6. Verify the available repositories:

```
# yum repolist all
```

The SUSE Installer Updates repository and the default RES-7-LTSS-Updates repository should be enabled. You will also see optional repositories with the status disabled.



Tip: LTSS repository names

- BASE repositories are frozen and contain the packages from the non-LTSS repositories.
- LTSS repositories contain new packages for SUSE Multi-Linux Support 7 LTSS.
- LH repositories contain the High Availability packages.

7. If you need any of the High Availability, BASE, Source or Debug repositories, enable them using their repo id. You can enable multiple repositories at once:

```
# yum-config-manager --enable REPO_ID1 REPO_ID2 REPO_ID3
```



In a Minimal Install of CentOS Linux, you must install yum-utils before you can use yum-config-manager. This package is installed by default in most other installations.

8. If you need to restore any custom or third-party repositories, copy them from the backup directory to the /etc/yum.repos.d/ directory:

```
# cp /etc/yum.repos.d.backup/REPOFILE.repo /etc/yum.repos.d/
```

9. Run the update command to make sure there are no errors:

```
# yum update
```

You can now keep your system up to date from repositories provided by SUSE Multi-Linux Support.



Warning: UEFI Secure Boot requirements

To use SUSE Multi-Linux Support on systems with UEFI Secure Boot enabled, the complete boot chain stack (shim, GRUB, and kernel) must be provided by SUSE. This is necessary because UEFI Secure Boot requires a strict chain of trust, where each component—from the firmware to the kernel and its drivers—must be signed with a key that the previous component in the chain explicitly trusts. Using non-SUSE components could break this chain and prevent the system from booting.

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