Apache Tomcat on SUSE Linux Enterprise Server

SUSE Linux Enterprise Server with Apache Tomcat is a preconfigured cloud image for streamlining the deployment of Java-based Web applications. Preinstalled with OpenJDK 21 and Apache Tomcat 9, this image eliminates manual environment setup effort, allowing administrators to rapidly provision instances and deploy WAR files on a reliable foundation.

Prerequisites

- An active cloud provider setup (such as AWS) to provision the instance
- A Java Web application packaged as a WAR file, ready for deployment

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1 About the image

The image is identified as `Apache Tomcat on SUSE Linux Enterprise Server`. It contains the following components:

- **Operating system** SUSE Linux Enterprise Server 16.1
- **Java Runtime**: OpenJDK 21
- **Application server**: Apache Tomcat 9

Lifecycle and maintenance of the image are directly tied to SLES 16.0, ensuring consistent access to security patches and bug fixes. This means the following:

- **Updates**: updated images are provided regularly to include the latest SLES security patches. Timely updates for OpenJDK and Tomcat to address security vulnerabilities and critical bug fixes can be applied using the Zypper command.
- **Support**: For any issues, you can follow SUSE's standard support procedures for SLES. Support is available through the SUSE Customer Center.

2 Getting started

To get started with the Apache Tomcat on SLES AWS AMI, you only need to provision a new instance and deploy your application. The image reduces the manual effort and time required to set up Java/Tomcat environments.

2.1 Accessing the instance using SSH

To connect to your instance, use the `ec2-user` as the username and the SSH key you selected during instance creation.

2.2 Deploying applications

The image is configured to automatically start Apache Tomcat at boot. To deploy your web application, copy your WAR (Web Application Archive) files to the `/srv/tomcat/webapps/` directory.

Tomcat log files are located in `/var/log/tomcat/`. Check these log files when troubleshooting and monitoring your application.

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