

Apache Tomcat on SUSE Linux Enterprise Server

WHAT?

The Apache Tomcat on SUSE Linux Enterprise Server is a SUSE-supported, preconfigured cloud image designed to streamline the deployment of Java-based web applications. This image is built on a reliable SLES foundation and is preinstalled and preconfigured with the latest versions of OpenJDK and Apache Tomcat components.

WHY?

To learn how to quickly deploy Java applications, reducing the manual effort and time typically required to set up a Java/Tomcat environment.

EFFORT

It takes about 5 minutes to read the article.

GOAL

The reader will understand how to use the image, deploy their application, locate log files, and know how updates and support are handled.

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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 16.0
- **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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