Download Jboss Eap 6.1 0 Final

Introduction

JBoss Enterprise Application Platform (JBoss EAP) is a subscription-based Java EE-based application server developed and supported by Red Hat. It provides a fast, secure, and scalable platform for building, deploying, and hosting enterprise Java applications and services.

JBoss EAP 6.1.0 Final is the latest release of JBoss EAP 6, which implements the Java EE 6 specification and supports the leading Java standards and technologies. It features a modular architecture that allows for services to be enabled only when required, improving startup speed and resource utilization. It also offers powerful management and automation tools, such as the Management Console and the Management Command Line Interface, that simplify the configuration, deployment, and administration of applications.

In this article, you will learn how to download and install JBoss EAP 6.1.0 Final on your system, what are the benefits of using it over other application servers, how it compares with other popular Java EE-based application servers in the market, and what are some common issues and solutions for JBoss EAP 6.1.0 Final.

Download and install JBoss EAP 6.1.0 Final

To download and install JBoss EAP 6.1.0 Final on your system, you need to follow these steps:

1. Set up an account on the Red Hat Customer Portal at https://access.redhat.com.
2. Review the supported configurations and ensure your system meets the minimum requirements: https://access.redhat.com/site/articles/111663.
3. Ensure that your system is up to date with Red Hat issued updates and errata.
4. Ensure that you have administration privileges for the installation directory.
5. Ensure that you have a supported JDK installed on your system.

6. Download the JBoss EAP 6.1.0 Zip file from the Red Hat Customer Portal: https://access.redhat.com/documentation/en-us/jboss_enterprise_application_platform/6.1/html/installation_guide/install_jboss_enterprise_application_platform_6_zip_installation.
7. Move the Zip file to the server and directory where you want to install JBoss EAP 6.
8. Use an appropriate application to extract the Zip file to the desired location.
9. The directory created by extracting the Zip file is the top-level directory for the server. This is referred to as `EAP_HOME`.
10. Verify that JBoss EAP 6 has been installed successfully by running the following command from the `EAP_HOME/bin` directory: `./standalone.sh` (for Linux) or `standalone.bat` (for Windows).
11. You should see a message like this in the console output: `[org.jboss.as] (Controller Boot Thread) JBAS015874: JBoss EAP 6.1.0.Final "Infinispan" started in xxxxms - Started yyy of zzz services (www services are passive or on-demand).`
12. You can also access the Management Console by opening a web browser and navigating to `http`

Benefits of JBoss EAP 6.1.0 Final

JBoss EAP 6.1.0 Final offers many benefits for enterprise Java developers and administrators, such as:

- **Features**: JBoss EAP 6.1.0 Final supports the full Java EE 6 profile, as well as the web profile, which includes technologies such as Servlets, JSP, JSF, CDI, EJB, JPA, JTA, JMS, JAX-RS, JAX-WS, and more. It also provides additional features, such as clustering, caching, messaging, security, and management.
- **Performance**: JBoss EAP 6.1.0 Final delivers high performance and scalability for enterprise applications, thanks to its modular architecture that reduces memory footprint and startup time. It also leverages the latest optimizations and enhancements in the JVM and the JDK.
- **Security**: JBoss EAP 6.1.0 Final provides a comprehensive security framework that supports various authentication and authorization mechanisms, such as JAAS, LDAP, Kerberos, SSL/TLS, SSO, and RBAC. It also integrates with external security providers and systems, such as PicketLink and Keycloak.
- **Support**: JBoss EAP 6.1.0 Final comes with a subscription-based support model from Red Hat, which includes access to patches, updates, security fixes, documentation, knowledge base articles, and technical assistance from experts.

Comparison of JBoss EAP 6.1.0 Final with other application servers

JBoss EAP 6.1.0 Final is one of the leading Java EE-based application servers in the market, but it is not the only one. There are other popular application servers that offer similar or different features and capabilities for enterprise Java applications. Here is a brief comparison of JBoss EAP 6.1.0 Final with some of them: