



Apache Maven on

ale

In this article we are going to cover install java on Amazon Linux 2, Download maven, How to Install Apache Maven on Amazon Linux 2, setup Apache maven variables and check maven version on Amazon Linux 2.

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Introduction

Maven is build automation tools basically used for the java project but maven also can be used for build and manage projects written in c# ,ruby, Scala and other language .Maven project hosted by Apache software foundation

Prerequisite

- Amazon Linux 2 Instance
- SSH access with sudo privileges

#1. Install Java on Amazon Linux 2

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using below command

jdk

using below command

java-openjdk11

Check the Installed OpenJDK version using command line

```
java --version
```

Output:

```
openjdk 11.0.9 2020-10-20 LTS
OpenJDK Runtime Environment 18.9 (build 11.0.9+11-LTS)
OpenJDK 64-Bit Server VM 18.9 (build 11.0.9+11-LTS, mixed mode,
sharing)
```

use below command to switch java version

```
sudo alternatives --config java
```

How to Install Apache Maven on Amazon Linux 2

#2. Download Latest Apache Maven on Amazon

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using wget

org/dist/maven/maven-
8.1-bin.tar.gz

Output:

```
https://www-eu.apache.org/dist/maven/maven-3/3.8.1/binaries/apache-maven-3.8.1-bin.tar.gz
Resolving www-eu.apache.org (www-eu.apache.org)... 95.216.26.30,
2a01:4f9:2a:1a61::2
Connecting to www-eu.apache.org (www-eu.apache.org)|95.216.26.30|:443...
connected.
HTTP request sent, awaiting response... 302 Found
Location: https://downloads.apache.org/maven/maven-3/3.8.1/binaries/apache-maven-3.8.1-bin.tar.gz [following]
--2021-04-29 13:19:14-- https://downloads.apache.org/maven/maven-3/3.8.1/binaries/apache-maven-3.8.1-bin.tar.gz
Resolving downloads.apache.org (downloads.apache.org)... 88.99.95.219,
2a01:4f8:10a:201a::2
Connecting to downloads.apache.org
(downloads.apache.org)|88.99.95.219|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 9536838 (9.1M) [application/x-gzip]
Saving to: 'apache-maven-3.8.1-bin.tar.gz'
```

100%

```
[=====]
==>] 9,536,838 6.96MB/s in 1.3s
```

```
2021-04-29 13:19:16 (6.96 MB/s) - 'apache-maven-3.8.1-bin.tar.gz' saved
[9536838/9536838]
```



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directory to update the maven versions

opt/maven

Environment Variables

variables in Amazon Linux 2, create a
bin/ directory

```
sudo nano /etc/profile.d/maven.sh
```

Paste the below lines

```
export JAVA_HOME=/usr/lib/jvm/jre-11-openjdk
export M2_HOME=/opt/maven
export MAVEN_HOME=/opt/maven
export PATH=${M2_HOME}/bin:${PATH}
```

Give the executable permission using chmod

```
sudo chmod +x /etc/profile.d/maven.sh
```

Load the Environment Variables using **source** command

```
source /etc/profile.d/maven.sh
```

we have covered How to Install Apache Maven on Amazon Linux 2.



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```
1a2f2ada8b84da59348c4c5d)
```

```
t, Inc., runtime: /usr/lib/jvm/java-  
_64  
ding: UTF-8  
-173.360.amzn2.x86_64", arch: "amd64",
```

even downloaded archive file because it

is of no use now.

lets free up space by using below command which will remove the downloaded archive file.

```
sudo rm -f apache-maven-3.8.1-bin.tar.gz
```

Conclusion:


We have covered install java on Amazon Linux 2, Download maven, How to Install Apache Maven on Amazon Linux 2, setup Apache maven variables and check maven version on Amazon Linux 2.

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- [How to Install AWS CLI on Amazon Linux 2](#)
- [How to Install Gradle on CentOS 8](#)
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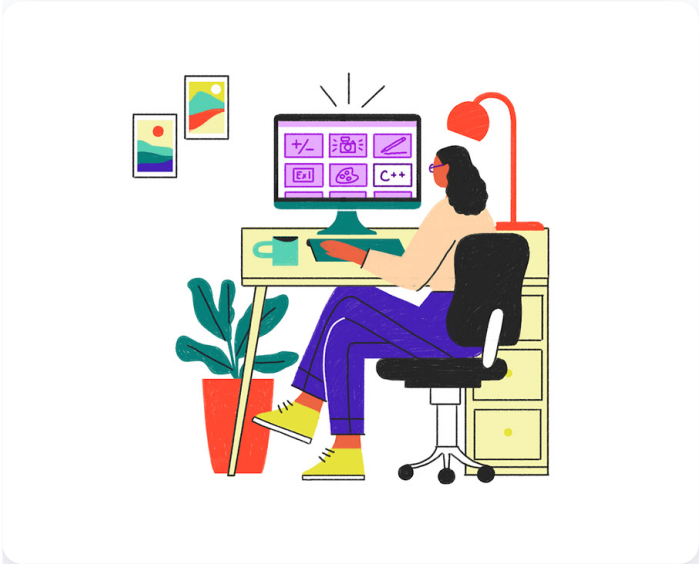
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