

# 2.1 – Install J2SE Software Development Kit (JDK)

Download the Java 2 Standard Edition (J2SE) JDK version 1.8 or later from one of these sources:

- <http://www.oracle.com/technetwork/java/javase/downloads/index.html>
- <https://developers.redhat.com/products/openjdk/download>
- <https://www.azul.com/downloads/zulu/>
- <http://jdk.java.net/>
- <https://aws.amazon.com/corretto/>

“ **Note:** Downloading the Java Runtime Environment (JRE) instead is not recommended.

“ Open JDK 8, 11 and LTS versions are recommended. JRE is not recommended because it's updated automatically and the old version will be uninstalled. Please install JCE 8 if you are using Java 8:

<https://www.oracle.com/technetwork/java/javase/downloads/jce8-download-2133166.html>

Install the JDK according to the instructions included with the release. Set an environment variable `JAVA_HOME` to the pathname of the directory into which you installed the SDK release:

```
echo "export JAVA_HOME=/usr/java/default/"> /etc/profile.d/java_home.sh
```

Verify the Java version you are using by running the following command in a command prompt:

```
java -version
```

If your RDP server has Network Level Authentication enabled, the connection may fail depends on what Java version you are using.

Java 1.8: Please install TLS 1.2 Windows update on Windows 7 and Windows 2008:

<https://support.microsoft.com/en-us/kb/3080079>

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