



Installing the Java Client

Cisco TES 6.2 offers a desktop-like client experience with the introduction of a light-weight Java client which can be installed as a standalone application or can be launched through a URL from the TES Master.

Installers are provided for various operating systems.

Installation Prerequisites

The following requirements must be met prior to installation of the Java Client:

- Java 7 (64-bit)
- Hardware specifications:
 - Memory: 8GB to 16GB
 - CPU (64-bit): 2.2+ GHz Quad Core
- Software specifications:
 - Only JavaFx2 certified systems are supported. See:
<http://www.oracle.com/technetwork/java/javafx/downloads/supportedconfigurations-1506746.html>
 - Install Desktop Experience (Windows Server Only). See:
<http://technet.microsoft.com/en-us/library/cc754314.aspx>
 - The software installs and runs only in X-Windows desktop mode (for example, GNOME, KDE) of all UNIX based operating systems.

Installing the Java Client for Windows

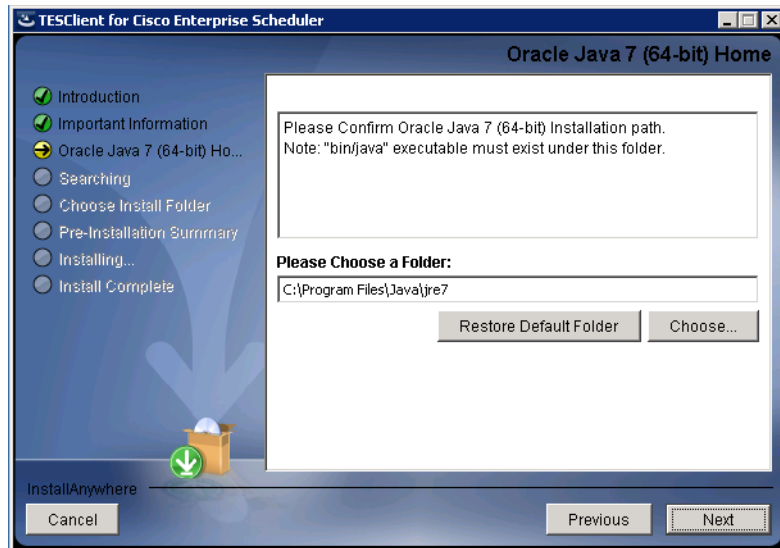
To install the Java client for Windows:

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- Step 1** Run the *install.exe* file. The installation wizard displays.
 - Step 2** At the Introduction screen, click **Next**.
 - Step 3** At the Important Information screen, read the information and click **Next**.
 - Step 4** At the Oracle Java 7 (64-bit) Home screen, choose the path to the Java 7 folder.



Note You may have installed multiple Java virtual machines. Ensure that you choose version 7 specifically.

Figure 5-1 Oracle Java 7 (64-bit) Home Screen



- Step 5** At the Choose Install Folder screen, select the location where you want the Java client to be installed.
- Step 6** The Pre-Installation Summary screen shows the items that will be installed. Click **Install**. The installation progress is shown in the next screen.
- Step 7** The Install Complete screen summarizes the results of the installation. Click **Done**. Confirm that a new TES client shortcut is created.

Installing the Java Client for Unix

To install the Java client for Unix:

- Step 1** Run the *install.bin* file. The installation wizard displays.
- Step 2** At the Introduction screen, click **Next**.
- Step 3** At the Important Information screen, read the information and click **Next**.
- Step 4** At the Oracle Java 7 (64-bit) Home screen, choose the path to the Java 7 folder.



Note You may have installed multiple Java virtual machines. Ensure that you choose version 7 specifically.

- Step 5** At the Choose Install Folder screen, select the location where you want the Java client to be installed.
- Step 6** The Pre-Installation Summary screen shows the items that will be installed. Click **Install**. The installation progress is shown in the next screen.

- Step 7** The Install Complete screen summarizes the results of the installation. Click **Done**.
- Step 8** You can now launch the software by executing the `tesclient.sh` command.
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Running the TES Java Client

You can run the Cisco TES 6.2 Java client as an application on your system, as well as via a web browser.

Running the Java Client as a System Application

Prerequisites

The following prerequisites must be met to run the Java client as a system application:

- Java client Host machine must be in DNS/NIS+ domain.
- Java client Host machine must be allowed to connect to port 6215 of Scheduler's host.
- Scheduler's master.props must have valid LDAP/AD configuration.

To run the Java client as an application on your system:

Step 1 Launch the Java client that you have installed. The Login screen displays.

Step 2 Enter the following details:

- **Server**— The scheduler's hostname
- **User**— AD/LDAP user name
- **Password**—AD/LDAP password

Step 3 Click **Connect**.

The Java client application window displays.

**Note**

The logs and help folders are created in your *temp* folder. You can view them by clicking **View > Client Logs**.

**Note**

Startup scripts of the Java client can be optionally modified to add *jvm* arguments for optimal performance.

Running the Java Client Via a Web Browser

Prerequisites

The following prerequisites must be met to run the Java client via a web browser:

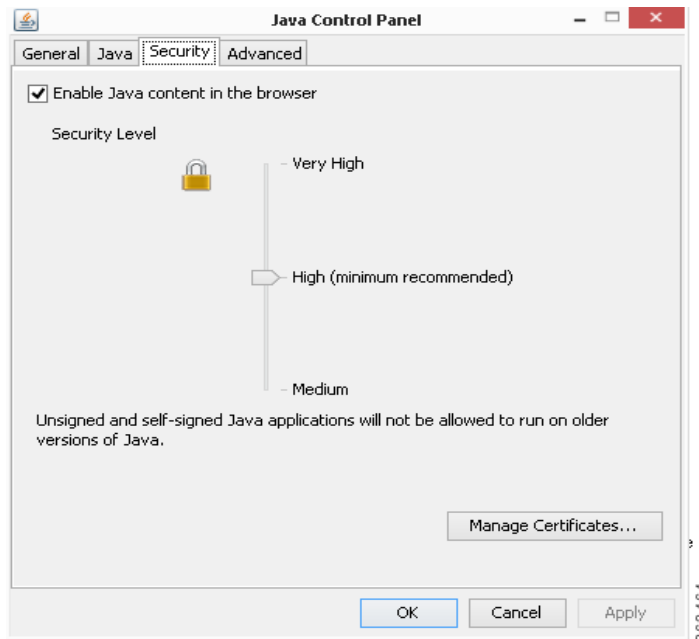
- By default, scheduler will run a webserver at port 8080. The Java client host must be allowed to access a configured port on scheduler's host machine.
- On Windows, only Internet Explorer 64-bit (c:\Program Files\Internet Explorer\iexplorer.exe) is capable of running 64-bit Java7. Only 64-bit Java7 will support 8GB memory requirements.
- For all operating systems and browsers, you must enable Java content in the Java Control Panel.



Note Confirm that browser's security settings allow running Java applets.

Figure 5-2

Java Control Panel



To run the Java client via a web browser:

Step 1 Open a TES-supported web browser and enter the following URL:

`http://master's hostname:8080/tesclient`

where *master's hostname* is the hostname of TES.

Step 2 Click **Launch Enterprise Scheduler**.

Step 3 Click **Run** to allow execution of the Java client.

The Java client is launched.

If the version of Java client does not match what has been installed on the master, remove all temporary Java files using options available in the **General** tab of the Java Control Panel.

Uninstalling the TES Java Client

The Java client applications that are installed on Windows systems can be uninstalled from the Control Panel.

For UNIX systems, use `install.bin -r` to uninstall the Java client.



Note If you face issues removing the software, inspect and cleanup the `.com.zerog.registry.xml` file, located under the user's home directory (for Unix), or at `c:\Program Files\Zero G Registry` (for Windows).
