This guide provides information on installing, activating and using the **Quest® Token for Java**.

## What is the Quest Soft Token for Java

The **Quest Soft Token for Java** is a two-factor authentication token that can be used with any OATH-compliant authentication server, such as Quest Defender, to gain secure access to network, web, and applications-based resources.

The token software can be installed on Windows, Mac OS X and Linux / UNIX based laptops and PCs that are running the Java run time environment.


The picture above shows an example of the **Quest Soft Token for Java**. The token response 988299 is used as the One Time Password (OTP) when prompted to authenticate.
Installing the Quest Soft Token for Java


2. To start the installation:

   **Windows or Mac OS X Platforms**: double click or run the .jar installer file DefenderJavaToken-install.jar

   **Linux / UNIX Platforms**: enter `java -jar <DOWNLOAD_LOCATION>/DefenderJavaToken-install.jar` into the terminal.

   If the above command does not work, you may need to use the full path to where Java is installed.

3. Select **Next** to display the License Agreement. To accept the license and continue, choose the **I accept the terms of this license agreement** and select **Next**.
4. The installation path dialog is displayed. Use the Browse button to change the default location or select Next to continue.

5. The shortcuts dialog is displayed. Either accept the default settings or modify as required. Select Next to continue.

6. The software will now be installed. On completion, select Next to continue.
7. Select **Done** to close the installation wizard.

8. The Quest Soft Token for Java is now available from the shortcut specified in step 5. If the default settings were used, the Java token will be available from the Start menu as shown in the example below.
Activating the Quest Soft Token for Java

In order to use the Quest Soft Token for Java for token authentication an activation code is required. This may be provided by your Defender administrator or, if available, through the Defender Token Deployment System.

More than one Java token can be activated and used.

This section details the steps required for both types of activation.

Using an Activation Code Provided by your Administrator

1. Start the Quest Soft Token for Java application:

   **Windows Platforms**: by using the start menu or shortcut as per the example above.

   **Mac OS X**: run the Defender Java Token application

   **Linux / Unix Platforms**: enter `java -jar <INSTALL_LOCATION>/JToken.jar` into the terminal or use the shortcut from within Applications if available.

   If the above command does not work, you may need to enter the full path to where Java is installed.

2. On first use no activated tokens will exist. The token response field will display **Not Activated**.

3. Select the **Configuration** button 🛡️ to display the configuration screen.
4. Select **Add** and enter the activation code provided by your administrator.

5. Select **Next** to display the token name screen. Accept the default or enter a user friendly name for this token.

6. Select **Finish**.
7. The token has now been activated and can be used for authentication. Select Close.

8. Use the button to display the next token response or the in the top right corner to exit the Quest Soft Token for Java application.
Using the Defender Token Deployment System

The Defender Token Deployment System is a web-based application that allows for the Quest Soft Token for Java to be requested directly through a local web site. The activation code can be received by e-mail or a self-activating version of the token software can be downloaded.

The Token Deployment System is an optional Defender component.

For full instructions on using the Defender Token Deployment System please refer to the Defender Token Deployment System User Guide.

These instructions refer to the token activation process only.

1. After choosing the Java token from the Token Deployment System website and completing the verification process the Install and Activate Token web page is displayed.

2. This page provides the following

   - a link to download the token software from http://www.quest.com/defender/javatoken.aspx.
   - the activation code, which can be copied and pasted to the Quest Soft Token for Java configuration dialog.
   - A link to download a self-activating installer.
   - An option to send these details to your e-mail address.
Download Token Software

The Quest Soft Token for Java software can be downloaded from http://www.quest.com/defender/javatoken.aspx. Using this link will download the DefenderJavaToken-install.jar installer.

Activation Code

The activation code for your token can be copied and pasted in to the Quest Soft Token for Java configuration dialog as below. Please see the Using an Activation code provided by your administrator for complete details on this process.

Self-Activating Installer

This option will download a self-activating installer to your local workstation. The exact procedure and messages displayed to download the file will depend on your browser version.

Once the file has been saved locally please follow the steps within the appropriate section of the Installing the Quest Soft Token for Java for instructions.

Using the self-activating installer link will automatically activate the token for you so it will be ready to use once the installation process is complete.

If the self-activating installer is used and a previous version of the Quest Soft Token for Java has been installed any existing activated tokens will not be overwritten.
E-mail Option

A link is provided to send the web page information to an e-mail address. By default this will be the e-mail address configured on your AD user account.

Optionally your system administrator may allow the e-mail address to be changed so that the information can be sent to a different e-mail address.

Select Send E-Mail to send the details, a confirmation will be displayed on the webpage that the e-mail has been sent.

Quest Soft Token for Java Configuration Options

The Quest Soft Token for Java has a number of configuration options as detailed below:

![Configuration Options](image)

Default Token

If more than one token has been activated then a default token can be selected.

Highlight the required token and select Default - the token name will appear beneath the list of tokens next to Default Token.

Select Save. The token will now display the token response associated with the selected token and the token name will appear at the top of the image.
To quickly change between tokens click on the token name to display a drop down list of all activated tokens.

Click on the required token name to switch tokens.
Add (activate) a New Token

To add / activate a new token select the Add... button.

Enter the activation code provided by your administrator and select Next.

Enter a token name or accept the default serial number. Select Finish to complete the activation.

Delete a Token

To delete a token select the Delete button and select Yes when asked to confirm the deletion.
Token Details

To view the details for a particular token highlight the token within the token list and select Details... Details regarding the token such as token name, serial number and encryption mode are displayed.

![Token Dialog]

The token name can be changed using this dialog. Select the Save button to save any changes.

Automatically Copy Token Responses to Clipboard

This option will automatically copy the token response to the Windows clipboard.

Small Token

By default the Java Token application is displayed in its largest format. If a smaller version is required enable the Small Token option and select Save to save the configuration change.

Always on Top

The Always on top (requires token restart) option will force the token application to always be displayed on top of other documents / applications that may be open on the desktop. The token application needs to be restarted before this feature will be enforced.
About

To view the About dialog select About.