How to Install the Java Runtime Environment

Information

ZCB requires that the Java Runtime Environment (JRE), version 7 or higher, be installed on the system. The ZCB user interface cannot run without the JRE, and backups cannot be configured or managed without the user interface.

The ZCB installation process checks for the appropriate version of the JRE on the system, and prompts the user to install the JRE if it is not detected. Installation cannot proceed until the JRE has been properly installed.

Simple Java Installation

Easy-to-install Java packages are available for download from http://java.com/en/download/manual.jsp. These Java packages includes both the Java Runtime Environment, which is required by ZCB, and the Java browser plugin, which is not required.

Simply download and run the appropriate installation package for your system. ZCB requires that machines running 64-bit Windows have the the 64-bit version of Java installed. Likewise, ZCB on 32-bit Windows machines require 32-bit Java.

A More Secure Java Installation

If necessary, additional steps can be taken to increase the security of a Java installation.

Server administrators may wish to install only the Java Runtime Environment. Alternately, administrators may disable the Java browser plugin. Most Java-related security issues can be traced to the Java browser plugin.

How to install only the Java Runtime Environment

The Java Runtime Environment can be downloaded as a standalone product without the browser plugin.

Servers running 64-bit Windows should download the Server JRE package. The Server JRE package is more secure than the standard JRE package, and is only available for 64-bit servers.

All other machines should download the standard JRE package.

Locate, download, and install the appropriate JRE package from the following link. A free Oracle account is required to download the standalone JRE packages.

http://www.oracle.com/technetwork/java/javase/downloads/index.html

How to disable the Java Browser Plugin

The Java browser plugin can be disabled without impacting ZCB. This allows users to install the easy installation Java packages while still benefiting from increased security.

The Java browser plugin can be disabled for all browsers, for for individual browsers one at a time. Each browser has different steps required to disable the Java browser plugin. Follow the appropriately link below.

To disable the Java browser plugin for *all* browsers:

http://java.com/en/download/help/disable_browser.xml

To disable the Java browser plugin for Microsoft Internet Explorer:

http://support.microsoft.com/kb/2751647

To disable the Java browser plugin for Google Chrome:

https://support.google.com/chrome/answer/142064?hl=en

To disable the Java browser plugin for Mozilla Firefox:

https://support.mozilla.org/en-US/kb/How%20to%20turn%20off%20Java%20applets