

# How to Install the Correct Version of Java 32-bit for NCARPS/PermitWeb

NCARPS/PermitWeb requires specific versions of *Java 32-bit*. It does not run correctly with newer versions of *Java 32-bit* or with any version of *Java 64-bit*.

- NCARPS requires 32-bit Java, any version of *Java 7 update 80* through *Java 8 update 131* will work.
- The recommended version is ***Java 8 update 131***.
- NCARPS **does not** work with *Java 8 update 144* or newer.
- NCARPS **does not** work with *Java 6* or older.

These instructions explain how to determine which version of Java is installed, and how to install *Java 32-bit* if that is required. **Note:** These instructions assume the reader knows how to install and uninstall software on Microsoft Windows.

## Determine if you have Java 32-bit or 64-bit

1. If *Internet Explorer* is open, close it.

### If using Windows 10

2. In the Windows Search box, enter "Control Panel". The search results list should show an entry for "Control Panel", resembling Figure #1.

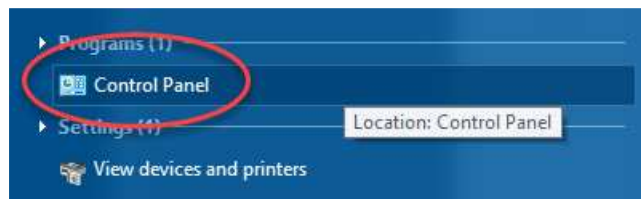


Figure #1

3. Click the *Control Panel* to open the Control Panel window. This should resemble Figure #2.

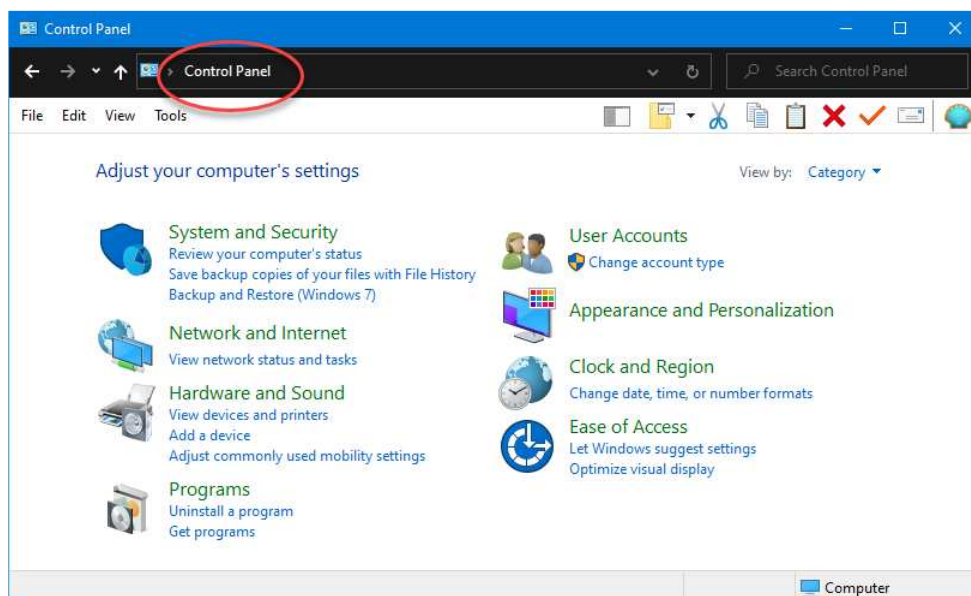


Figure #2

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- Click in the navigation bar at the top of the screen. The words "Control Panel" will be highlighted, often in blue. Click inside the box, to the right of the words. This should un-highlight the words and allow typing.
- Type "\\All Control Panel Items" after "Control Panel" – when done the text should read "Control Panel\\All Control Panel Items"  
The text must be exact – only 1 space between words and no space on either side of the backslash. Press Enter, and the window should change to resemble Figure #3.

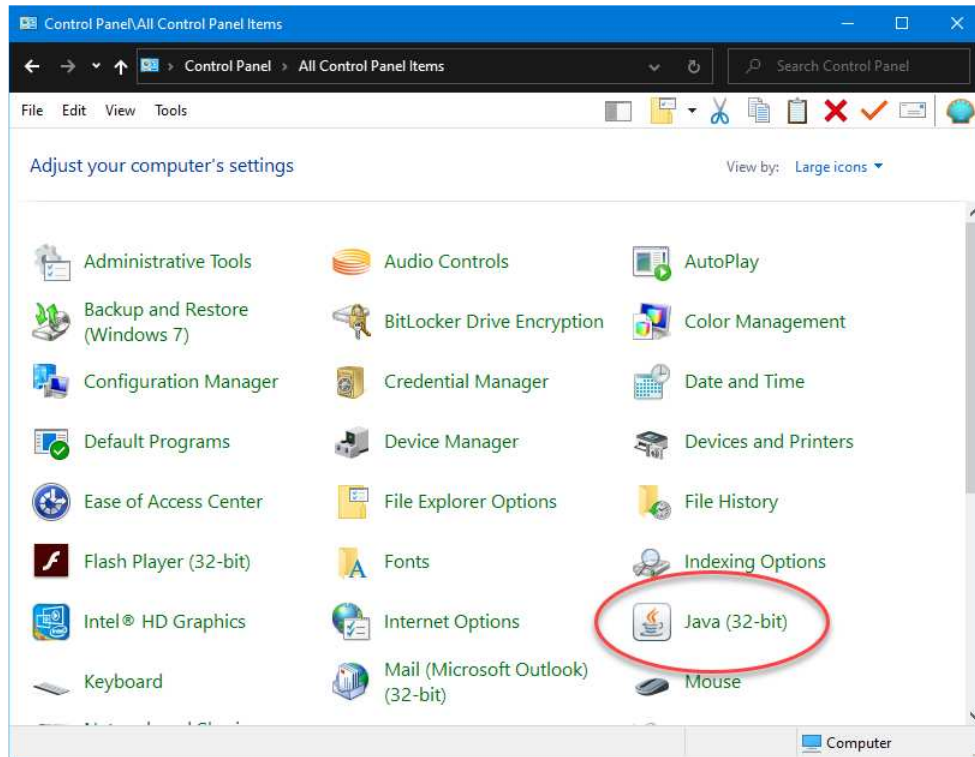


Figure #3

- Continue with Step #8.

### If not using Windows 10

- Open the **Java** control panel by selecting *Start -> Control Panel*. The **Control Panel** window, resembling Figure #4, will appear.

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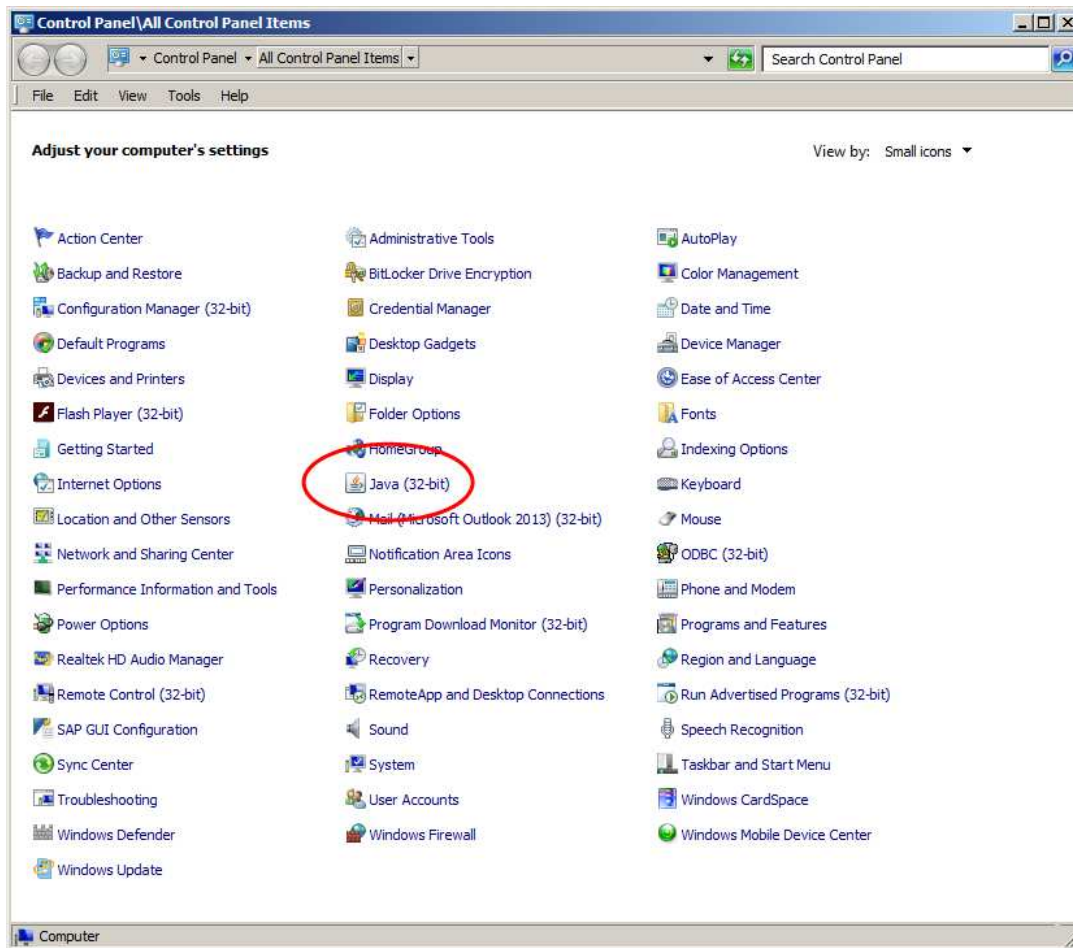


Figure #4

## Is Java Installed?

8. If you do not see a Java icon, you do not have Java installed. Jump to Step #15 for instructions to download and install Java.
9. If the Java icon is labeled "Java", you have the 64-bit version and must uninstall it and then install the 32-bit version. Go to Step #15 for instructions to download and install the correct version of Java.
10. If the Java icon is labeled "Java (32-bit)" you already have the 32-bit version, and you must now check the version.

## **Check the version of Java 32-bit**

11. Double-click the *Java (32-bit)* icon to open the *Java Control Panel*. This resembles Figure #5.

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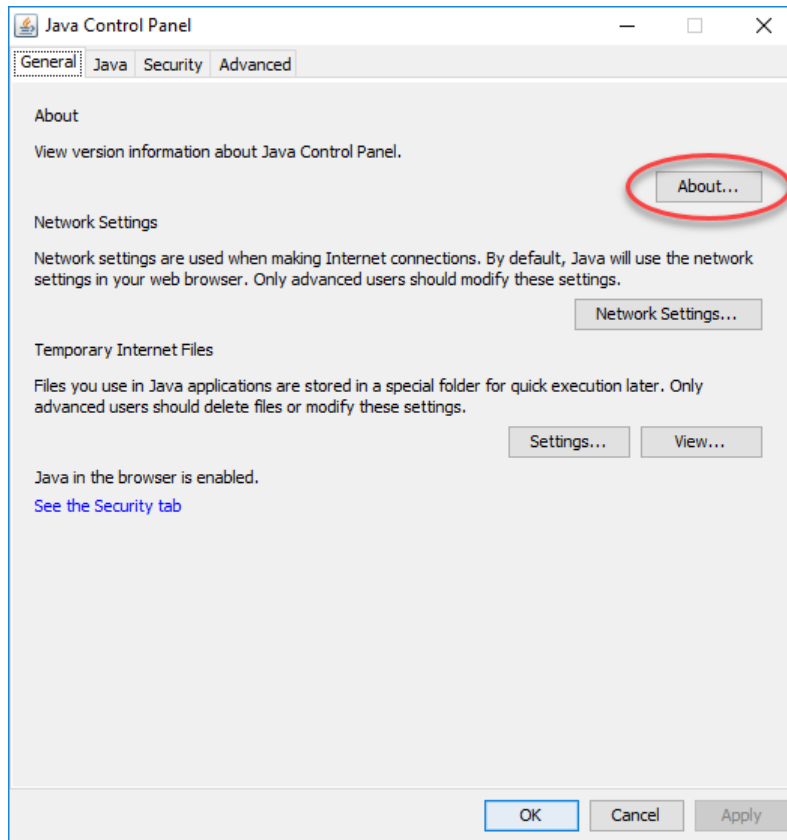


Figure #5

12. Click the **About** button, which opens the *About Java* dialog box, resembling Figure #6.



Figure #6

- 13. NCARPS works with any version of *Java 7* and with versions of *Java 8 Update 131* or older. If you have any of these versions installed, NCARPS should function correctly.
- 14. If you do not have one of the above versions of Java, NCARPS will not work. You must uninstall your version and install the correct one. The recommended version is **Java 8 Update 131**.

## How to Install the Correct Version of Java 32-bit for NCARPS/PermitWeb

### Download Java 8 Update 131, 32-bit

15. Open a web browser and navigate to the following URL on the Oracle web site:  
<https://www.oracle.com/technetwork/java/javase/downloads/java-archive-javase8-2177648.html>
16. Search the page for this text: **Java SE Runtime Environment 8u131**
17. You must click the radio button **Accept License Agreement** and then click the following link on the page:  
Windows x86 Offline: **jre-8u131-windows-i586.exe**  
The file *jre-8u131-windows-i586.exe* will be downloaded to your computer.
18. Oracle now requires an account to download Java. You must sign up for a free account, following the instructions on the site.
19. After the file downloads, close the browser.

### Install Java 8 Update 131, 32-bit

20. If you have an existing version of Java installed, uninstall it according to the version of Windows you are using.
21. Locate the file *jre-8u131-windows-i586.exe* and install *Java 8 Update 131, 32-bit*, according to the version of Windows that you are using.

If you continue to have problems running NCARPS, clear the Java cache (directions provided on the NCARPS web site).