Course Corrections Document for WA190

# Student Exercise Guide

## In Exercise 1, Part 2, Step 2a:

When you run the installUtility install command, you see an error message that indicates the Liberty repository cannot be reached. As a workaround, do the following steps:

1. Download the certificates for each of these web sites:

* public.dhe.ibm.com
* asset-websphere.ibm.com  
  1. In Firefox web browser, enter the URL for the web site.
  2. Click the lock icon next to the URL and select **Connection is secure > More information**.
  3. On the Security tab, click **View certificate**.
  4. Click **Export**.
  5. Save the file to /opt/wlp/java/lib/security and append the filename with the .x509 extension.
  6. Repeat these steps for the other web site certificate.

1. Verify that the files were saved in the directory. In a terminal window, run the following commands:

cd /opt/wlp/java/lib/security

ls

You should see both files with the .x509 extension listed in the output.

1. In the same terminal window, run the following command for each certificate:

Keytool -import -trustcacerts -alias <alias\_name> -file <filename.x509> -keystore cacerts

Where <alias\_name> can be a short name for the file, for example wascrt, or dhecrt, and <filename.x509> is the name of the corresponding file. For example:

keytool -import -trustcacerts -alias wascert -file asset-websphere.ibm.com.crt.x509 -keystore cacerts

keytool -import -trustcacerts -alias dhecert -file public.dhe.ibm.com.crt.x509 -keystore cacerts

If you see an error that indicates the alias already exists, run the command again, but specify a different alias name.

1. If successful, you are prompted to enter a keystore password. Type changeit.
2. When prompted to trust this certificate, type yes.
3. The certificates are imported to the keystore and a confirmation message displays.

After completing these steps, you can run the installUtility install command again.