BlackBerry Enterprise Server

Updating the Java SE 6 Version That You Use With the BlackBerry Enterprise Server

Technical Note

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BlackBerry

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Update the Java SE 6 version that you use with the BlackBerry Enterprise Server

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You must install the latest Java Platform, Standard Edition 6 update on the computer that hosts the BlackBerry Enterprise Server. You must complete the task on every computer that hosts a BlackBerry Administration Service, BlackBerry Monitoring Service, BlackBerry Collaboration Service, or BlackBerry MDS Connection Service instance.

1. Log in to the computer that hosts the BlackBerry Enterprise Server using the Windows account that you used to install the BlackBerry Enterprise Server.
2. Download the JRE and JDK files for the latest Java SE 6 update. To download the files, visit Java SE Downloads at www.oracle.com/technetwork/java/javase/downloads/index.html.
3. Install the JRE files and perform one of the following actions:
   - If you are running a 32-bit version of Windows, change the installation folder from C:\Program Files\Java\jre6 to C:\Program Files\Java\jre1.6.0_*xx*. In the file path, *xx* is the update version that you are installing.
   - If you are running a 64-bit version of Windows, change the installation folder from C:\Program Files (x86)\Java\jre6 to C:\Program Files (x86)\Java\jre1.6.0_*xx*. In the file path, *xx* is the update version that you are installing.
4. Install the JDK files and perform one of the following actions:
   - If you are running a 32-bit version of Windows, change the installation folder from C:\Program Files\Java\jdk6 to C:\Program Files\Java\jdk1.6.0_*xx*. In the file path, *xx* is the update version that you are installing.
   - If you are running a 64-bit version of Windows, change the installation folder from C:\Program Files (x86)\Java\jdk6 to C:\Program Files (x86)\Java\jdk1.6.0_*xx*. In the file path, *xx* is the update version that you are installing.
5. Click **Start** > **Run**.
6. To open the Registry Editor, type **regedit**.
7. Click **OK**.
8. If the BlackBerry Administration Service is already installed in your organization's environment, in the following locations, change the value of the JVM Library registry key to the file path of the jvm.dll library that you installed for JRE:
   - HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\BAS-AS\Parameters
   - HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\BAS-NCC\Parameters

   For example, if you are running a 32-bit version of Windows, change the value to C:\Program Files\Java\jre1.6.0_*xx*\bin\client\jvm.dll. If you are running a 64-bit version of Windows, change the value to C:\Program Files (x86)\Java\jre1.6.0_*xx*\bin\client\jvm.dll. In the file path, *xx* is the update version that you installed.
9. If the BlackBerry Monitoring Service is already installed in your organization's environment, in the HKEY_LOCAL_MACHINE\SOFTWARE\Apache Software Foundation\Procrun 2.0\BBMonitoringConsole\Parameters\Java location, change the value of the Jvm registry key to the file path of the jvm.dll library that you installed for JDK.

   For example, if you are running a 32-bit version of Windows, change the value to C:\Program Files\Java\jdk1.6.0_*xx*\jre\bin\client\jvm.dll. If you are running a 64-bit version of Windows, change the value to C:\Program Files (x86)\Java\jdk1.6.0_*xx*\jre\bin\client\jvm.dll. In the file path, *xx* is the update version that you installed.

10. If the BlackBerry Collaboration Service or BlackBerry MDS Connection Service is already installed in your organization's environment, in the following locations, change jvmpath=value in the ImagePath registry key to include the file path of the jvm.dll library that you installed for JRE:

    - HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\BlackBerry Collaboration Service
    - HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\BlackBerry MDS Connection Service

    For example, if you are running a 32-bit version of Windows, change jvmpath=value to jvmpath="C:\Program Files \Java\jre1.6.0_*xx*\bin\client\jvm.dll". If you are running a 64-bit version of Windows, change jvmpath=value to jvmpath="C:\Program Files (x86)\Java\jre1.6.0_*xx*\bin\client\jvm.dll". In the file path, *xx* is the update version that you installed.
11. To close the Registry Editor, click **File** > **Exit**.
12. Download JCE Unlimited Strength Jurisdiction Files 6. To download the files, visit Java SE Downloads at www.oracle.com/technetwork/java/javase/downloads/index.html.
13. Navigate to the location where you saved the JCE files.
14. To update the JCE files for JRE, copy the local_policy.jar file and US_export_policy.jar file and perform one of the following actions:

    - If you are running a 32-bit version of Windows, copy the files to C:\Program Files\Java\jre1.6.0_*xx*\lib\security. In the file path, *xx* is the update version that you installed.
    - If you are running a 64-bit version of Windows, copy the files to C:\Program Files (x86)\Java\jre1.6.0_*xx*\lib \security. In the file path, *xx* is the update version that you installed.
15. To update the JCE files for JDK, copy the local_policy.jar file and US_export_policy.jar file and perform one of the following actions:

    - If you are running a 32-bit version of Windows, copy the files to C:\Program Files\Java\jdk1.6.0_*xx*\jre\lib \security. In the file path, *xx* is the update version that you installed.
    - If you are running a 64-bit version of Windows, copy the files to C:\Program Files (x86)\Java\jdk1.6.0_*xx*\jre\lib \security. In the file path, *xx* is the update version that you installed.
16. In the Windows Services, restart the BlackBerry Enterprise Server.

Glossary

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JCE	Java Cryptography Extension
JDK	Java® Development Kit
JRE	Java® Runtime Environment

Provide feedback

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To provide feedback on this deliverable, visit www.blackberry.com/docsfeedback.

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