



BlackBerry Enterprise Solution

Version 4.1 Interim Security Software Update 5

Release Notes

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Related resources

Document	Information
<i>Security Advisory: Vulnerabilities in the PDF distiller of the BlackBerry Attachment Service for the BlackBerry Enterprise Server (KB19860)</i>	<ul style="list-style-type: none"> • Overview • Workaround

Prerequisites

1. Before you install the interim security software update, read these release notes.
2. Before you install the interim security software update, make sure that you are running one of the following versions of the BlackBerry® Enterprise Server or BlackBerry® Professional Software:
 - BlackBerry Enterprise Server 4.1 SP4
 - BlackBerry Professional Software 4.1 SP4

Releases that include this fixed issue

The fix that is included in this interim security software update is also available in the following maintenance releases:

- BlackBerry® Enterprise Server 4.1 SP6 MR8 for IBM® Lotus® Domino®
- BlackBerry® Enterprise Server 4.1 SP6 MR8 for Microsoft® Exchange
- BlackBerry® Enterprise Server 4.1 SP6 MR6 for Novell® GroupWise®
- BlackBerry Enterprise Server 5.0 SP1 for IBM Lotus Domino
- BlackBerry Enterprise Server 5.0 SP1 for Microsoft Exchange

Install the interim security software update

Warning: If you incorrectly change the installation directory and the files contained in the directory, serious problems might occur. Use the command prompt to change the installation directory and the files contained in the directory at your own risk and only if you are confident in your ability to successfully make the changes.

1. Log in to the computer that hosts the BlackBerry Attachment Server as an administrator with permission to register and unregister libraries. By default, if you are using Windows Server® 2008, the account that runs the BlackBerry Attachment Server service might not have the permission to register and unregister libraries.
2. On the computer that hosts the BlackBerry Attachment Service, download the .zip file.
3. In the Windows® services, stop the BlackBerry Attachment Service.
4. At the command prompt, navigate to `<drive>\Program Files\Research In Motion\BlackBerry Enterprise Server\AttachServer\BBDistiller`.
5. Type **regsvr32 /u BBDM_PDF.dll**.
6. Navigate to `<drive>\Program Files\Research In Motion\BlackBerry Enterprise Server\AttachServer\BBDecorator`.
7. Type **regsvr32 /u BBRenderingDecorator.dll**.
8. Type **regsvr32 /u BBXRenderingDecorator.dll**.
9. In the .zip file that you downloaded, in the **BBDistiller** folder, extract all the files and then copy and paste them in the `<drive>\Program Files\Research In Motion\BlackBerry Enterprise Server\AttachServer\BBDistiller` folder on the computer that hosts the BlackBerry Attachment Service.
10. In the .zip file that you downloaded, in the **BBDecorator** folder, extract all the files and then copy and paste them in the `<drive>\Program Files\Research In Motion\BlackBerry Enterprise Server\AttachServer\BBDecorator` folder on the computer that hosts the BlackBerry Attachment Service.
11. At the command prompt, navigate to `<drive>\Program Files\Research In Motion\BlackBerry Enterprise Server\AttachServer\BBDistiller`.
12. Type **regsvr32 BBDM_PDF.dll**.

13. Navigate to `<drive>\Program Files\Research In Motion\BlackBerry Enterprise Server\AttachServer\BBDecorator`.
14. Type **regsvr32 BBRenderingDecorator.dll**.
15. Type **regsvr32 BBXRenderingDecorator.dll**.
16. In the Windows services, start the BlackBerry Attachment Service.
17. If you previously completed the workaround steps in KB18327 to remove the PDF file extension from the list of supported file format extensions and to prevent the PDF attachment distiller from running, add the extension back to the list of supported file format extensions and re-enable the Adobe® PDF distiller.

Note: After installing the interim security patch, if you upgrade the BlackBerry Enterprise Server, you must reapply the interim security patch unless the BlackBerry Enterprise Server version that you are upgrading to includes the fix.

Fixed issues

BlackBerry Attachment Service	
394617	<p>In earlier versions of the BlackBerry Enterprise Server, security vulnerabilities existed in the PDF distiller of the BlackBerry Attachment Service. These vulnerabilities could have allowed a malicious individual to send an email message containing a specially crafted PDF file, which when opened for viewing on a BlackBerry smartphone that is associated with a user account on a BlackBerry Enterprise Server could have caused memory corruption and possibly led to a Denial of Service (DoS) condition or arbitrary code execution on the computer that hosted the BlackBerry Attachment Service.</p> <p>This issue is resolved in this release. For more information, visit www.blackberry.com/btsc to read KB19860.</p>
SDR 324730	<p>In earlier versions of the BlackBerry Enterprise Server, security vulnerabilities existed in the PDF distiller of the BlackBerry Attachment Service. These vulnerabilities could have allowed a malicious individual to send an email message containing a specially crafted PDF file, which when opened for viewing on a BlackBerry smartphone, could have caused memory corruption and could have possibly led to arbitrary code execution on the computer that the BlackBerry Attachment Service runs on.</p> <p>This issue has been resolved by a previous interim security update and by this interim security software update. For more information, visit www.blackberry.com/btsc to read KB18327.</p>
SDR 314287	<p>In earlier versions of the BlackBerry Enterprise Server, security vulnerabilities existed in the PDF distiller of some released versions of the BlackBerry Attachment Service. These vulnerabilities could have allowed a malicious individual to send an email message containing a specially crafted PDF file, which when opened for viewing on a BlackBerry smartphone, could have caused memory corruption and could have possibly led to arbitrary code execution on the computer that the BlackBerry Attachment Service runs on.</p> <p>This issue has been resolved by a previous interim security update and by this interim security software update. For more information, visit www.blackberry.com/btsc to read KB17953.</p>
SDR 189456	<p>In earlier versions of the BlackBerry Enterprise Server, security vulnerabilities existed in the PDF distiller of some released versions of the BlackBerry Attachment Service. These vulnerabilities could have allowed a malicious individual to send an email message containing a specially crafted PDF file, which when opened for viewing on a BlackBerry smartphone, could have caused memory corruption and could have possibly led to arbitrary code execution on the computer that the BlackBerry Attachment Service runs on.</p> <p>This issue has been resolved by a previous interim security software update and by this interim security software update. For more information, visit www.blackberry.com/btsc to read KB15766.</p>
SDR 278003, SDR 278012, SDR 278031, SDR 278437	<p>In earlier versions of the BlackBerry Enterprise Server, security vulnerabilities existed in the PDF distiller of some released versions of the BlackBerry Attachment Service. These vulnerabilities could have allowed a malicious individual to send an email message containing a specially crafted PDF file, which when opened for viewing on a BlackBerry smartphone, could have caused memory corruption and could have possibly led to arbitrary code execution on the computer that the BlackBerry Attachment Service runs on.</p> <p>This issue has been resolved by a previous interim security software update and by this interim security software update. For more information, visit www.blackberry.com/btsc to read KB17118.</p>

