

BlackBerry Enterprise Server

Interim Security Update for February 12,
2013



Release Notes

Contents

1	Fixed issues	4
2	Releases that include this security software update	5
3	Releases that require this security software update	6
4	Install the security software update	7
5	Related resources	9
6	Legal notice	10

Fixed issues

1

Vulnerabilities existed in how the BlackBerry MDS Connection Service, BlackBerry Collaboration Service, and the BlackBerry Messaging Agent processed TIFF images for rendering on BlackBerry devices. These vulnerabilities could have allowed a potentially malicious user to execute arbitrary code using the privileges of the BlackBerry Enterprise Server login account. (DT 5468999, DT 5542642, DT 5890761, and DT 6098370)

These issues are resolved by this interim security software update. The update replaces the image.dll file that the affected components use with an image.dll file that is not affected by the vulnerabilities. For more information, visit www.blackberry.com/btsc to read KB33425.

Releases that include this security software update

Issue	Versions that include the security software update
5468999, 5542642, 5890761, and 6098370	<ul style="list-style-type: none"><li data-bbox="348 583 1150 614">• BlackBerry Enterprise Server 5.0 SP4 MR1 and later for Microsoft Exchange<li data-bbox="348 621 1150 652">• BlackBerry Enterprise Server 5.0 SP4 MR1 and later for IBM Lotus Domino<li data-bbox="348 659 1150 690">• BlackBerry Enterprise Server 5.0 SP4 MR1 and later for Novell GroupWise

Releases that require this security software update

Issue	Versions that require this security software update
5468999, 5542642, 5890761, and 6098370	<ul style="list-style-type: none"> • BlackBerry Enterprise Server 5.0 SP4 and earlier for Microsoft Exchange • BlackBerry Enterprise Server 5.0 SP4 and earlier for IBM Lotus Domino • BlackBerry Enterprise Server 5.0 SP4 and earlier for Novell GroupWise • BlackBerry Enterprise Server Express 5.0 SP4 and earlier for Microsoft Exchange • BlackBerry Enterprise Server Express 5.0 SP4 and earlier for IBM Lotus Domino • BlackBerry Enterprise Server 4.1 SP7 and earlier for MDS Applications

You should upgrade to a verified version of the BlackBerry Enterprise Server for this security software update.

Issue	Verified versions of the BlackBerry Enterprise Server for this security software update
5468999, 5542642, 5890761, and 6098370	<ul style="list-style-type: none"> • BlackBerry Enterprise Server 5.0 SP4, 5.0 SP3 MR8, and 5.0 SP2 MR5 for Microsoft Exchange • BlackBerry Enterprise Server 5.0 SP4, 5.0 SP3 MR8, and 5.0 SP2 MR3 for IBM Lotus Domino • BlackBerry Enterprise Server 5.0 SP4 and 5.0 SP1 MR6 for Novell GroupWise • BlackBerry Enterprise Server Express 5.0 SP4, 5.0 SP3 MR2, and 5.0 SP2 MR1 for Microsoft Exchange • BlackBerry Enterprise Server Express 5.0 SP4, 5.0 SP3 MR2, and 5.0 SP2 MR1 for IBM Lotus Domino • BlackBerry Enterprise Server 4.1 SP7 for MDS Applications

You must install this security software update on any computer that hosts a BlackBerry MDS Connection Service, BlackBerry Messaging Agent, or, if applicable, a BlackBerry Collaboration Service instance within the BlackBerry Domain.

If you upgrade the BlackBerry Enterprise Server after you install this security software update, you must reapply this security software update unless the BlackBerry Enterprise Server version that you are upgrading to includes the fix.

Install the security software update

1. Browse to www.blackberry.com/go/serverdownloads and download the SecurityUpdate02122013_.zip file that applies to the BlackBerry Enterprise Server versions that are running in your organization's environment.
2. Extract the contents of the .zip file to a temporary folder on any computer that hosts a BlackBerry MDS Connection Service instance, a BlackBerry Messaging Agent instance, or, if applicable, a BlackBerry Collaboration Service instance within the BlackBerry Domain.
3. In the Windows Services, stop the following services:
 - If the computer hosts a BlackBerry MDS Connection Service instance, stop the BlackBerry MDS Connection Service.
 - If the computer hosts a BlackBerry Messaging Agent instance, stop the BlackBerry Dispatcher service.
 - If you are running BlackBerry Enterprise Server in a Novell GroupWise, Microsoft Exchange, or IBM Lotus Domino environment and the computer hosts a BlackBerry Collaboration Service instance, stop the BlackBerry Collaboration Service.
4. If the computer hosts a BlackBerry Messaging Agent instance, back up the image.dll file that is located in the following folders:
 - In Microsoft Exchange environments, <\$installation_root_folder>\Research In Motion\BlackBerry Enterprise Server
 - In Lotus Domino environments, <\$installation_root_folder>\IBM\Lotus\Domino
5. If the computer hosts a BlackBerry MDS Connection Service instance, back up the image.dll file that is located in the <\$installation_root_folder>\Research In Motion\BlackBerry Enterprise Server\MDS\bin folder.
6. If you are running BlackBerry Enterprise Server in a Novell GroupWise, Microsoft Exchange, or Lotus Domino environment, and the computer hosts a BlackBerry Collaboration Service instance, back up the image.dll file that is located in the <\$installation_root_folder>\Research In Motion\BlackBerry Enterprise Server\BBIM\bin folder.
7. Copy the image.dll file from the temporary folder that was created when you extracted the .zip file to the appropriate folders listed in Steps 4-6.
8. In the Windows Services, restart the BlackBerry MDS Connection Service service, the BlackBerry Dispatcher service, and, if applicable, the BlackBerry Collaboration Service.

After you finish: To verify that you installed the fix successfully, verify the following information:

- Image.dll file size is 1.11 MB (1,171,456 bytes)

- Image.dll file hash is 37BDC8AD78AEFE9DD17A0DCC9B27D9B3

To revert this security software update, stop the BlackBerry MDS Connection Service service, the BlackBerry Dispatcher service, and, if applicable, the BlackBerry Collaboration Service service, restore the files that you backed up, and restart the BlackBerry MDS Connection Service service, the BlackBerry Dispatcher service, and, if applicable, the BlackBerry Collaboration Service.

Related resources

Resource	Information
<i>Vulnerabilities in BlackBerry Enterprise Server components that process images could allow remote code execution</i> (KB33425)	<ul style="list-style-type: none">• Overview of the issue• Workaround information• Resolution information

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