

BlackBerry Enterprise Server for Microsoft Exchange

Version: 5.0
Service Pack: 4
Maintenance Release: 2



Maintenance Release Notes

Contents

1	Related resources	4
2	What's new in BlackBerry Enterprise Server 5.0.4 MR2	5
3	Installing the maintenance release	6
	Where to install the maintenance release	6
	Verify the BlackBerry Enterprise Server software version on a computer that runs Windows Server 2008	6
	Verify the BlackBerry Enterprise Server software version on a computer that runs Windows Server 2003	7
	Install the maintenance release	7
	Verify that you installed the maintenance release on a computer that runs Windows Server 2008	8
	Verify that you installed the maintenance release on a computer that runs Windows Server 2003	9
4	Fixed issues	10
5	Known issues	14
6	Legal notice	15

Related resources

To read the following guides, visit www.blackberry.com/go/serverdocs.

Guide	Information
<i>BlackBerry Enterprise Server Feature and Technical Overview</i>	<ul style="list-style-type: none">• BlackBerry Enterprise Server features• System architecture• Data workflows
<i>BlackBerry Enterprise Server Installation and Configuration Guide</i>	<ul style="list-style-type: none">• System requirements• Installation instructions
<i>BlackBerry Enterprise Server Upgrade Guide</i>	<ul style="list-style-type: none">• System requirements• Installation instructions
<i>BlackBerry Enterprise Server Administration Guide</i>	<ul style="list-style-type: none">• System setup and management• BlackBerry device implementation instructions

What's new in BlackBerry Enterprise Server 5.0.4 MR2

Support for Microsoft Lync 2013

BlackBerry Enterprise Server now supports the Microsoft Lync 2013 platform through the BlackBerry Collaboration Service for BlackBerry devices with Java versions 5.0, 6.0, 7.0 and 7.1.

Installing the maintenance release

Where to install the maintenance release

Install this maintenance release on any computer that hosts a BlackBerry Enterprise Server and on any remote computer that hosts a BlackBerry MDS Connection Service, BlackBerry Collaboration Service, BlackBerry Attachment Service, BlackBerry Administration Service, or BlackBerry Web Desktop Manager.

Verify the BlackBerry Enterprise Server software version on a computer that runs Windows Server 2008

This maintenance release works with BlackBerry Enterprise Server 5.0.4 for Microsoft Exchange.

1. On the taskbar, click **Start > Settings > Control Panel** or **Start > Control Panel**.
2. Double-click **Programs and Features**.
3. If the window does not display the **Version** column, perform the following actions:
 - a. Right-click on any column heading. Click **More**.
 - b. In the dialog box, click **Version**.
 - c. Click **OK**.
4. In the list of currently installed programs, search for **BlackBerry Enterprise Server for Microsoft Exchange**.
5. Verify that the version number is at least 5.0.4 (Bundle 38).

Verify the BlackBerry Enterprise Server software version on a computer that runs Windows Server 2003

This maintenance release works with BlackBerry Enterprise Server 5.0.4 for Microsoft Exchange.

1. On the taskbar, click **Start > Settings > Control Panel** or **Start > Control Panel**.
2. Double-click **Add or Remove Programs**.
3. In the list of currently installed programs, click **BlackBerry Enterprise Server for Microsoft Exchange**.
4. Click **Click here for support information**.
5. Verify that the version number is at least 5.0.4 (Bundle 38).

Install the maintenance release

If you configured BlackBerry Enterprise Server high availability to limit the downtime of BlackBerry services, you can install the maintenance release on the standby BlackBerry Enterprise Server instance, fail over to the standby BlackBerry Enterprise Server, and then install the maintenance release on the primary BlackBerry Enterprise Server.

Before you begin:

- On the computer that hosts the BlackBerry Enterprise Server, make sure that you can access the installation files that were used to install the BlackBerry Enterprise Server. Depending on how the software was installed, the files might be located on a product CD or in a network location.
 - This maintenance release includes updates to the BlackBerry Configuration Database. You must back up the BlackBerry Configuration Database so that you can restore it if the BlackBerry Enterprise Server upgrade process does not complete. For more information about backing up the BlackBerry Configuration Database, see the *BlackBerry Enterprise Server Upgrade Guide*.
1. Using the service account (for example, BESAdmin), log in to the computer that you want to install the maintenance release on.

2. In the Windows Services, stop all BlackBerry Enterprise Server services.
3. Close the Windows Services.
4. Extract the installation files from **besx504mr2.zip** to a folder on the computer.
5. Browse to the location of the setup program files.
6. Double-click **setup.exe**.
7. Complete the configuration screens.
8. Click **Finish**.
9. In Windows Services, restart all BlackBerry Enterprise Server services.

Note: If you add a BlackBerry component or change the BlackBerry Configuration Database using the BlackBerry Enterprise Server 5.0.4 Gold installer, you must reinstall the maintenance release, using the steps above.

Verify that you installed the maintenance release on a computer that runs Windows Server 2008

1. On the taskbar, click **Start > Settings > Control Panel** or **Start > Control Panel**.
2. Click **Programs and Features**.
3. If the window does not display the **Version** column, perform the following actions:
 - a. Right-click on any column heading. Click **More**.
 - b. In the dialog box, click **Version**.
 - c. Click **OK**.
4. In the list of currently installed programs, search for **BlackBerry Enterprise Server for Microsoft Exchange**.
5. Verify that the version number is 5.0.4 MR2 (Bundle 70).

Verify that you installed the maintenance release on a computer that runs Windows Server 2003

1. On the taskbar, click **Start > Settings > Control Panel** or **Start > Control Panel**.
2. Click **Add or Remove Programs**.
3. In the list of programs, click **BlackBerry Enterprise Server for Microsoft Exchange**.
4. Click **Click here for support information**.
5. Verify that the version number is 5.0.4 MR2 (Bundle 70).

Fixed issues

Issues that are marked with an asterisk (*) are newly fixed in this release. All other issues were fixed in previous maintenance releases.

BlackBerry Administration Service

* Browsing issues such as unresponsiveness or session timeouts occur when the BlackBerry Administration Service License Key page tries to display large numbers (more than 500) of BlackBerry Client Access Licenses (BlackBerry CALs). (DT 810241).

* BlackBerry Administration Service identifies RIM signed applications (those pushed through a software configuration) as third-party applications and designates them as blockable/removable. Those applications are blocked or removed if the Disallow Third Party Application Downloads policy rule is set to true. (DT 3188855).

* In the BlackBerry Administration Service console, the maximum number of results allowed for searches is not consistent across all the different searches within the user interface. (DT 4242359).

The BlackBerry Administration Service cannot specify a Server Routing Protocol (SRP) address that begins with a numeral as a fully qualified domain name (FQDN). The associated method within the code assumes it is an IP address and tries to validate it as such. (DT 4405948).

The number of Microsoft Exchange activations within the BlackBerry Administration Service are not available for viewing if the **View a User** option is set only to **Listed Groups**. (DT 5818825).

You cannot customize the **Manage Users** view by moving columns to the left side of the view as you did in BlackBerry Administration Service 5.0.3. The columns are anchored will and return to their original position . (DT 5897303).

BlackBerry Attachment Service

On the BlackBerry device, in the Basic Viewer for Microsoft Excel, negative numbers for the 1000 (thousandth) separator-enabled format appear incorrectly. Parentheses "(" should appear around such negative numbers. (DT 5799453).

* Certain Microsoft Office files created with LibreOffice cannot be opened on the BlackBerry device using the basic viewer. Only files saved in Microsoft Excel 97-2003, 2007, and XP or Microsoft PowerPoint 97-2003, 2007, and XP file formats will

open on the BlackBerry device. It is expected that all Microsoft Office files created with LibreOffice open on the BlackBerry device. (DT 5975763).

* The BlackBerry Attachment Service does not convert date and time data in the Japanese version of Microsoft Excel spreadsheets. (DT 6044493).

BlackBerry Collaboration Service

On BlackBerry Enterprise Server instances configured for high-availability, the BlackBerry Collaboration Service that uses Microsoft Office Communications Server 2007 R2 or Microsoft Lync Server 2010 fails to start when **Instant messaging server pool is load balanced** is set to **Yes**. The high-availability pair creates duplicate Trusted Service Entries (TSEs) within Microsoft Active Directory for the load balanced instant messaging server pool. (DT 2019072).

BlackBerry Dispatcher

When two users swap their BlackBerry devices before a failover, the BlackBerry Dispatcher incorrectly detects duplicate personal identification numbers (PINs) and resets the PIN to **0** for one of the users after the fail over. (DT 454394).

* The duplicate personal identification number (PIN) detection process mistakenly detects users without a PIN. (DT 454394, DT 6543832).

BlackBerry Enterprise Server Maintenance Release Installer

The BlackBerry Enterprise Server Maintenance Release Installer does not automatically update the Java Runtime Environment (JRE) to version 37 during the initial installation of the maintenance release. (DT 5763463).

BlackBerry MDS Connection Service

Starting with BlackBerry Enterprise Server 5.0.3 MR6, you could configure BlackBerry MDS Connection Service to route direct Transport Layer Security (TLS) connections through a proxy server, but some connections would fail as BlackBerry MDS Connection Service did not support proxy auto-configuration (PAC) files for direct TLS connections. You can now configure BlackBerry MDS Connection Service to use PAC files to route direct TLS connections through a proxy server. (DT 2737990).

BlackBerry device users cannot browse using BlackBerry MDS Integration Service authentication if they are within a Microsoft Active Directory domain that is separate from the target website. The BlackBerry MDS Connection Service can query Microsoft Active Directory users via a Lightweight Directory Access Protocol (LDAP) only if they are in the same domain as the web server of the targeted website. (DT 4994857, DT 6110523).

BlackBerry device users cannot authenticate using RSA for URLs that are using HTTPS because the BlackBerry MDS Connection Service times out while redirecting to the RSA login page. (DT 5894839).

BlackBerry Mail Store Service

* When using Lightweight Directory Access Protocol (LDAP) with the LDAPSearch key set, and the legacyExchangeDN setting left blank, the BlackBerry Mail Store Service becomes unresponsive. (DT 2092053).

* Address lookups via Lightweight Directory Access Protocol (LDAP) fail in hosted environments when there's a comma in the display name (the LegacyExchangeDN field). (DT 6391505).

BlackBerry Synchronization Service

The BlackBerry Synchronization Service produces Short Message Service (SMS) logs that can contain unreadable text or truncated lines after processing a Unicode message. This is due to an issue in the Unicode where least significant bytes are switched for most significant bytes (or vice versa). (DT 2599450).

* BlackBerry Synchronization Service does not start up a user, which prevents activation after an exception occurs in the User Control: Start command. (DT 3526828).

* Having numerous organizer data items may cause a low memory condition within the BlackBerry Synchronization Service. Support for XML chunking between the BlackBerry Synchronization Service and its connectors is required to avoid creating exceedingly large XML packages. (DT 4930615, DT 4415679, DT 6255659).

Logging

Since BlackBerry Enterprise Server 5.0.3 MR7, the BlackBerry MDS Connection Service logs Java Null Pointer Exceptions (NPEs) repeatedly when requesting a push message for a user with no personal identification number (PIN). Depending on the frequency of the push message, the BlackBerry MDS Connection Service can repeatedly log NPEs, causing the logs to grow rapidly to several gigabytes in size and resulting in a disk drive running out of space. (DT 5765689).

BlackBerry Messaging Agent logs can grow rapidly because Event ID 40719 is not being suppressed. (DT 5791198).

Microsoft Exchange Calendar

* Using a BlackBerry device to update an appointment that was created in Microsoft Outlook causes the appointment to convert to a meeting when Microsoft Exchange Web Services synchronizes the calendar. (DT 5986289).

* Find Item calls fail in Microsoft Exchange 2010 SP2 RU4 due to a change in the mailbox throttling policy for Microsoft Exchange Web Services calls. (DT 6353796).

Security

* 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 an 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 the Knowledge Base at blackberry.com/support to read article KB33425.

Wireless calendar synchronization

The mail agents for Microsoft Exchange users stop responding during a calendar full synchronization process if the **PR_IPM_APPOINTMENT_ENTRYID** value is not set correctly. (DT 5847439).

Known issues

BlackBerry MDS Connection Service

Kerberos authentication does not complete and is replaced with Microsoft NT LAN Manager (NTLM) authentication when you use Java Runtime Environment (JRE) 1.6 Update 37. The JRE version was updated from 33 to 37 as part of BlackBerry Enterprise Server 5.0.4 MR1. (DT 6721494).

Workaround: Revert the JRE to an earlier version, such as JRE 1.6 Update 31 or 33. For more information, visit the Knowledge Base at blackberry.com/support to read article KB33449.

Microsoft Exchange Calendar

When you update an occurrence of a recurring Unicode meeting from a BlackBerry device, Unicode characters from the updated occurrence are replaced with question marks (?) and non-Unicode characters. The updated occurrence displays correctly in the email client application. Unchanged occurrences retain Unicode characters. (DT 6677515, DT 6757025).

For more information, visit the Knowledge Base at blackberry.com/support to read article KB33406.

When you update the start date of a recurring meeting series from the email client application, meeting invitees retain an orphaned meeting from the original start date on their BlackBerry devices. The updated occurrence displays correctly in the email client application. (DT 6730637).

For more information, visit the Knowledge Base at blackberry.com/support to read article KB33406.

The status of meeting invitees who tentatively accept an update to an occurrence of a recurring meeting displays on their BlackBerry device as Accepted instead of Tentative. Their status displays as Tentative in their email client application, on the organizer's BlackBerry device, and in the organizer's email client application. (DT 6740066).

For more information, visit the Knowledge Base at blackberry.com/support to read article KB33406.

When you remove a meeting invitee from an occurrence of a recurring meeting with a BlackBerry device, the status of the meeting invitee still displays as Invited for the occurrence. (DT 6748175).

For more information, visit the Knowledge Base at blackberry.com/support to read article KB33406.

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