

BlackBerry Enterprise Server Express

Version: 5.0
Service Pack: 4



Update Guide

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About this guide

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This guide includes specific updates about BlackBerry Enterprise Server Express for Microsoft Exchange and BlackBerry Enterprise Server Express for IBM Lotus Domino 5.0 SP4 that are available for some of our BlackBerry Enterprise Server Express 5.0 SP3 guides. You can use the information in this guide as a supplement for the following BlackBerry Enterprise Server Express 5.0 SP3 guides:

- *Administration Guide*
- *Feature and Technical Overview*

The following guides are updated for BlackBerry Enterprise Server Express 5.0 SP4:

- *What's new in BlackBerry Enterprise Server Express 5.0 SP4 Job Aid*
- *Release Notes*
- *Installation and Configuration Guide*
- *Upgrade Guide*
- *Policy Reference Guide*

For other information from the *Upgrade Planning Guide*, *BlackBerry Administration Service Roles and Permissions Reference Guide*, *Technical Notes*, tutorials, or performance tools, refer to the guides for BlackBerry Enterprise Server Express 5.0 SP3.

Overview: BlackBerry Enterprise Server Express

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The BlackBerry Enterprise Server Express is designed to be a secure, centralized link between an organization's wireless network, communications software, applications, and BlackBerry smartphones. The BlackBerry Enterprise Server Express integrates with your organization's existing infrastructure to provide smartphone users with mobile access to your organization's resources.

The BlackBerry Enterprise Server Express supports smartphones that are provisioned for a BlackBerry Enterprise Server or for the BlackBerry Internet Service.

You can manage the BlackBerry Enterprise Server Express, smartphones, and user accounts using the BlackBerry Administration Service. You can access the BlackBerry Administration Service web application from any computer that can access the computer that hosts the BlackBerry Administration Service.

You can optionally install BlackBerry Mobile Fusion Studio in your organization's environment to provide a simplified administrative console for your organization's helpdesk administrators and an integrated view of the BlackBerry Enterprise Server Express and other MDM domains. For more information, visit <http://www.blackberry.com/go/serverdocs> to see the *BlackBerry Mobile Fusion Studio Feature and Technical Overview*.

Updates to information for BlackBerry Enterprise Server Express 5.0 SP4

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The following tables summarize updates for BlackBerry Enterprise Server Express 5.0 SP4 that are available for specific BlackBerry Enterprise Server Express 5.0 SP3 guides.

Administration Guide

Item	Requirement
Email prepopulation	<p>The following are changes made to how the BlackBerry Enterprise Server Express 5.0 SP4 prepopulates email messages on BlackBerry smartphones:</p> <ul style="list-style-type: none"> • The option for you to select headers-only in the Message prepopulation settings in the BlackBerry Administration Service is no longer available. The BlackBerry Enterprise Server Express sends the email message header and the email body during every prepopulation. • The default prepopulation settings for the number of email messages that are prepopulated on smartphones is increased. • Email prepopulation occurs during every smartphone activation and not only during activations when the PIN is changed. <p>For more information, see the following topic in this guide:</p> <p>Change how the BlackBerry Enterprise Server Express downloads existing email messages to the smartphone</p>
New preconfigured administrative role	<p>You can now access reporting data from the BlackBerry Web Services API if you are assigned the Reporting Administrator role.</p> <p>Currently there is no reporting function in the BlackBerry Administration Service in BlackBerry Enterprise Server Express 5.0 SP4.</p>
Full body of sent email messages is synchronized with smartphones	<p>The ExchangeSuppressBodyOfSentItems trait is no longer configurable in BlackBerry Enterprise Server Express 5.0 SP4.</p>

Item	Requirement
(BlackBerry Enterprise Server Express for Microsoft Exchange only)	<p>This trait specifies whether the body of an email message is included in an email message that is sent to a smartphone when the BlackBerry Enterprise Server Express synchronizes email messages that were sent by an email application. The default value is false (0), the body of an email message is sent to a smartphone.</p> <p>If you set this trait to 1, it automatically reverts to the default value (0).</p> <p>References to the ExchangeSuppressBodyOfSentItems trait in the <i>BlackBerry Enterprise Server Express 5.0. SP3 Administration Guide</i> are not applicable to BlackBerry Enterprise Server Express 5.0 SP4.</p>
Access control rules for groups	<p>Access control rules allow you to manage how users access enterprise applications and web content.</p> <p>You can now assign pull rules and push rules to groups.</p> <p>For more information, see the following topics in this guide:</p> <ul style="list-style-type: none"><li data-bbox="511 739 843 767">• Assign a push rule to a group<li data-bbox="511 782 829 810">• Assign a pull rule to a group <p>For more information about managing how users access enterprise applications and web content, see the <i>BlackBerry Enterprise Server Express 5.0. SP3 Administration Guide</i>.</p>
Support for larger email attachments	<p>The default maximum attachment sizes are increased to 10 MB.</p> <p>For more information, see the following topics in this guide:</p> <ul style="list-style-type: none"><li data-bbox="511 1055 1265 1083">• Change the maximum file size of attachments that users can download<li data-bbox="511 1098 1222 1126">• Change the maximum file size for attachments that users can send

New or updated topics

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The following topics are new or updated for BlackBerry Enterprise Server Express 5.0 SP4.

Administration Guide updates

Change how the BlackBerry Enterprise Server Express downloads existing email messages to the smartphone

By default, the BlackBerry Enterprise Server Express synchronizes up to 1000 email messages from the previous 14 days with a BlackBerry smartphone when you activate it. You can change the BlackBerry Enterprise Server Express settings so that it synchronizes up to 3000 messages from the previous 30 days.

1. In the BlackBerry Administration Service, on the **Servers and components** menu, expand **BlackBerry Solution topology > BlackBerry Domain > Component view > Email**.
2. Click the instance that you want to change.
3. Click **Edit instance**.
4. On the **Messaging** tab, in the **Message prepopulation settings** section, perform the following actions:
 - To specify the number of previous days that you want to synchronize email messages from, in the **Prepopulation by message age** field, type a number.
 - To specify the maximum number of email messages that you want to synchronize, in the **Prepopulation by message count** field, type a number.
5. Click **Save all**.

Change the maximum file size of attachments that users can download

Users can download attachments in native formats (for example, .txt for a text file) to BlackBerry smartphones that are running specific BlackBerry Device Software versions. Users can open and make changes to the files that they download using an appropriate third-party application on their smartphones. A user might be able to open specific file formats using the media application on the smartphone.

The default maximum file size of attachments that users can download to their smartphones is 10 MB.

1. In the BlackBerry Administration Service, on the **Servers and components** menu, expand **BlackBerry Solution topology > BlackBerry Domain > Component view > Email**.
2. Click the instance that you want to change.
3. Click **Edit instance**.
4. On the **Messaging** tab, in the **Messaging options** section, in the **Maximum single attachment download size (KB)** field, type a number, in KB, that is between 0 and 10,240 (10 MB). If you type **0**, users cannot download attachments in a native format to their smartphones.
5. Click **Save all**.

Change the maximum file size for attachments that users can send

By default, the maximum file size of a single attachment, or multiple attachments in a single email message, that users can send from BlackBerry smartphones is 10 MB.

1. In the BlackBerry Administration Service, on the **Servers and components** menu, expand **BlackBerry Solution topology > BlackBerry Domain > Component view > Email**.
2. Click the instance that you want to change.
3. Click **Edit instance**.
4. On the **Messaging** tab, in the **Messaging options** section, perform any of the following actions:
 - To change the maximum file size for a single attachment that devices can send, in the **Maximum single attachment upload size (KB)** field, type a number that is between 1 KB and 10,240 KB.
 - To change the maximum file size of multiple attachments that devices can send at one time, in the **Maximum multiple attachment upload size (KB)** field, type a number that is between 1 KB and 10,240 KB that is greater than the value in the **Maximum single attachment upload size (KB)** field.

5. Click **Save all**.

Assign a push rule to a group

Before you begin:

- Create a push rule.
 - Assign push initiators to the push rule.
1. In the BlackBerry Administration Service, on the **BlackBerry solution management** menu, expand **Group**.
 2. In the **Manage groups** section, click the group that you want to assign a push rule to.
 3. On the **Access control rules** tab, click **Edit group**.
 4. In the **Available push rules** list, click a push rule.
 5. Click **Add**.
 6. Click **Save all**.

Assign a pull rule to a group

Before you begin:

- Create a pull rule.
 - Assign web address patterns to the pull rule.
1. In the BlackBerry Administration Service, in the **BlackBerry solution management** menu, expand **Group**.
 2. In the Manage groups section, click the group that you want to assign a pull rule to.
 3. On the **Access control rules** tab, click **Edit group**.
 4. In the **Available pull rules** list, click a pull rule.
 5. Click **Add**.
 6. Click **Save all**.

Related resources

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To read the following guides or additional related material, visit <http://www.blackberry.com/go/serverdocs>.

Guide	Information
<i>What's New in BlackBerry Enterprise Server Express 5.0 SP4 Job Aid</i>	<ul style="list-style-type: none">• Summary of new features
<i>BlackBerry Enterprise Server Express 5.0 SP4 Release Notes</i>	<ul style="list-style-type: none">• Description of known issues and potential workarounds
<i>BlackBerry Enterprise Server Express 5.0 SP4 Installation and Configuration Guide</i>	<ul style="list-style-type: none">• System requirements• Installation instructions
<i>BlackBerry Enterprise Server Express 5.0 SP4 Upgrade Guide</i>	<ul style="list-style-type: none">• System requirements• Upgrade instructions
<i>BlackBerry Enterprise Server Express Policy Reference Guide</i>	<ul style="list-style-type: none">• Descriptions of available IT policy rules and application control policy rules• Descriptions of Wi-Fi configuration settings and VPN configuration settings

Glossary

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- API** application programming interface
- PIN** personal identification number

Legal notice

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