



BlackBerry UEM

Release Notes

12.13

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Installing the software

You can use the setup application to install BlackBerry UEM version 12.13, or to upgrade from 12.11.x or 12.12.x. When you upgrade the software, the setup application stops and starts all the BlackBerry UEM services for you. The BlackBerry UEM setup application backs up the database by default.

Note: As of BlackBerry UEM release 12.10, JRE is no longer bundled with the installer. If you are installing BlackBerry UEM, you must first download and install JRE (minimum version JRE 8u151).

What's new in BlackBerry UEM 12.13

Migration

- **Migration of Android Enterprise devices:** Customers who have configured BlackBerry UEM to manage Google Play accounts can now migrate Android Enterprise devices from an on-premises BlackBerry UEM server to BlackBerry UEM Cloud or another on-premises BlackBerry UEM server. The on-premises BlackBerry UEM server must be version 12.13 or later.
- **Migration of BlackBerry Dynamics users:** You can now migrate BlackBerry Dynamics users from on-premises BlackBerry UEM (version 12.13 or later) to a BlackBerry UEM Cloud.

Management console

- **App protection profiles update:** Microsoft Intune app protection profiles have added support for recent Microsoft Intune feature updates.
- **Specify browser:** You can now specify which browser opens web links in apps managed by Microsoft Intune.
- **Factory reset protection profile improvements:** For factory reset protection profiles, you no longer need to manually obtain the User ID when you specify Google accounts that can unlock a device that has been reset to factory settings.
- **Delete users for value-added services:** You can now delete users who have additional value-added services assigned unless the user can't be removed from the service.
- **Event notifications:** The following event notifications were added:
 - Connectivity > Service connections for UEM instance changed: This notification alerts you when the connection status changes for the BlackBerry Affinity Manager, BlackBerry Secure Gateway, BlackBerry Proxy, or BlackBerry Secure Connect Plus service.
 - Server certificates > Certificate expiry: This notification alerts you when a server certificate is about to expire.

BlackBerry Dynamics

- **BlackBerry Dynamics screen capture detection on iOS devices:** You can enable an option in a compliance profile that reacts to screen captures of BlackBerry Dynamics apps on iOS devices. When you enable this option, you can specify the allowed number of screen captures per time period, how long a period lasts, an enforcement action to occur if the user exceeds the allowed number of screen captures, and how long the enforcement action lasts. The allowed number of screen captures is per app. If the user exceeds the number of screen captures on one app, they are prevented only from using that app, not all BlackBerry Dynamics apps.

If you enable the option and set the enforcement action to "Monitor and log", when a user takes a screen capture, a warning message stating screen captures are prohibited is displayed on the device. If you enable the option and you set the enforcement action to "Do not allow BlackBerry Dynamics apps to run", when the user exceeds the number of screen captures, a message that informs the user how long they are prevented from taking screen captures is displayed on the device, and the user is blocked from using the app for the period that you specified in the compliance profile. All violations are logged in a compliance violation report for BlackBerry Dynamics apps.

- **Improvements to the BlackBerry Dynamics app activation process:** Administrators and users can now activate BlackBerry Dynamics apps using simple passwords (for example, a password of any length) or QR codes in addition to the 15-character access key. This simplifies the activation process for users. Activating BlackBerry Dynamics apps using a password or QR code is the preferred method of activating apps. This feature requires that apps use BlackBerry Dynamics SDK 8.0 or later.

- **Improvements to unlocking BlackBerry Dynamics apps:** Administrators can now send a QR code to a user to unlock a BlackBerry Dynamics app. Users with access to BlackBerry UEM Self-Service can use the QR code to unlock the app instead of the unlock key. This feature requires that apps use BlackBerry Dynamics SDK 8.0 or later.

Apple

- **Automatic activation of a BlackBerry Dynamics app for Apple DEP and User Enrollment devices:** For Apple DEP devices and devices that are activated with Apple User Enrollment, a BlackBerry Dynamics app can be preconfigured so that it automatically activates during device enrollment without requiring the user to manually enter information. If the app is an authentication delegate, it can be used to easily activate other BlackBerry Dynamics apps.
- **iOS New Capabilities:** For iOS devices with eSIM cellular plans, administrators can request updated plan information from the carrier.

Chrome OS

- **Management of Chrome OS devices:** You can now manage Chrome OS devices separately from Android devices in the following ways:
 - On the Dashboard, in Devices by platform, Chrome OS devices are shown.
 - In Users > Managed devices, Chrome is now an option for the OS filter.
 - In Groups > Device, you can create device groups based on Chrome OS.
 - In Migration > Migrate devices, Chrome OS devices are shown

IPv6

- **IPv6:** BlackBerry UEM components now support IPv6, with the exception of BlackBerry Secure Connect Plus and components related to BlackBerry OS, BEMS, BlackBerry 10, and BES10.

Windows 10 devices

- **Support for Windows Hello for Business:** For Windows 10 devices, you can now choose whether to allow biometric gestures (such as facial or fingerprint recognition) in the IT policy. You can also enable enhanced anti-spoofing for when facial recognition is configured on the device. These settings require Windows 10 version 1511 or later.

Documentation

- The [BlackBerry Docs site](#) has improved search and navigation tools to make it easier to find docs for products and features. Click the magnifying glass in the top navigation bar to perform a keyword search. You can filter results by product, version, and document type.

You can also click [Let us help you find something](#) on the home page and [BlackBerry UEM](#) page to open a Doc Map that will point you to the right doc, whether you're looking for product information to help make a purchase decision or you're already a customer and need administrator, end-user, or developer help.

- A beta version of an easy-to-use online version of the Performance Calculator will be available soon. You will be able to access it on the [BlackBerry UEM Planning and architecture documentation](#) web page.

New IT policy rules

Device type	Name	Description	Activation types
Windows	Allow use of biometric gestures	Enable or disable the use of biometric gestures, such as face and fingerprint, as an alternative to the PIN gesture for Windows Hello for Business.	MDM controls
Windows	Enable enhanced anti-spoofing for facial feature recognition	Enable or disable enhanced anti-spoofing for facial feature recognition on Windows Hello face authentication.	MDM controls
Android Global (all Android devices)	Obtain time zone from network	Specify whether the device obtains the time zone from the network.	Work space only, Work and personal - full control
Android Global (all Android devices)	Device time zone	Specify the time zone that the device uses. For a list of possible values, see the IT Policy Reference.	Work space only, Work and personal - full control
Android Global (all Android devices)	Allow ambient display	Specify whether the user can enable ambient display on the device. Ambient display shows notifications on the lock screen when the device is locked.	Work space only, Work and personal - full control
Android Global (all Android devices)	Allow airplane mode	Specify whether the user can enable airplane mode on the device.	Work space only, Work and personal - full control
Android Work profile (all Android devices)	Force the device and work profile passwords to be different	Specify whether the device and work profile passwords must be different when a work profile password is required by the Android work profiles "Password requirements" rule.	Work and personal - user privacy, Work and personal - full control

Device type	Name	Description	Activation types
Android Work profile (all Android devices)	Allow printing	Specify whether the user can print files using the device OS print functionality. This rule does not block sharing files to apps that can send files to a printer.	Work space only, Work and personal - user privacy, Work and personal - full control
Android Work profile (all Android devices)	Allow user to configure location	Specify whether the user can turn the location feature on or off.	Work space only, Work and personal - user privacy, Work and personal - full control
Android Work profile (all Android devices)	Allow personal data in work profile	Specify whether files and data in the personal profile can be sent to the work profile or accessed from work apps.	Work and personal - user privacy, Work and personal - full control
Android Work profile (all Android devices)	Allow biometrics	Specify whether the user can use biometric authentication to unlock the device.	Work space only, Work and personal - user privacy, Work and personal - full control
Android Work profile (all Android devices)	Allow facial recognition	Specify whether the user can unlock the device using face recognition.	Work space only, Work and personal - user privacy, Work and personal - full control
Android Work profile (all Android devices)	Allow iris authentication	Specify whether the user can unlock the device using an iris scan.	Work space only, Work and personal - user privacy, Work and personal - full control
Android Work profile (all Android devices)	Apps restricted from metered networks	Specify the apps that are restricted from using metered data networks. You may want to restrict app network usage due to data costs and limits or battery and performance issues.	Work space only, Work and personal - user privacy, Work and personal - full control
Android Personal profile (all Android devices)	Allow biometrics	Specify whether the user can use biometric authentication to unlock the device.	Work and personal - full control

Device type	Name	Description	Activation types
Android Personal profile (all Android devices)	Allow facial recognition	Specify whether the user can unlock the device using face recognition.	Work and personal - full control
Android Personal profile (all Android devices)	Allow iris authentication	Specify whether the user can unlock the device using an iris scan.	Work and personal - full control
Android Personal profile (all Android devices)	Allow printing	Specify whether the user can print files using the device OS print functionality. This rule does not block sharing files to apps that can send files to a printer.	Work and personal - full control

Fixed issues in BlackBerry UEM 12.13

Management console fixed issues

After you upgraded BlackBerry UEM, a user with the Junior HelpDesk role could not set an activation password. (EMM-142625)

When you tried to use the "Change password and lock device" command in the management console for a device that was activated using an Android Enterprise activation type, if you had configured the IT policy to use 'Numeric Complex' passwords, an error displayed that stated the password did not meet the minimum requirements. (EMM-141537)

App configurations for BlackBerry Dynamics apps did not display in the console if the name of the app configuration contained an apostrophe. (EMM-141440)

You might not have been able to remove a VPP account that had many users. (EMM-141084)

If an administrator did not have the "View User Credential Profile" permission assigned and you created a user credential profile to manually upload certificates, the administrator could not upload or replace certificates. (EMM-141001)

The "Tenant attestation enabled date" was updated in the database when you clicked Save on the Attestation page. (EMM-140416)

In an IT policy for Android devices, the tooltip for the "Apps allowed to access external storage" option stated that the option could be applied to devices activated using the "Work space only (Premium)" activation type but it could not. (EMM-138293)

On the device tab, if you tried to upgrade the software version on a supervised iOS device to a specific version number, when you clicked on Download and install, the OS was downloaded but not installed. (EMM-135440)

BlackBerry Secure Connect Plus fixed issues

After you upgraded to BlackBerry UEM 12.12, the BlackBerry Secure Connect Plus service might not have started and stayed running if syslog was configured for localhost. (EMM-139980)

Known issues in BlackBerry UEM 12.13

Items marked with an asterisk (*) are new for this release.

Installation and migration known issues

* A BlackBerry Dynamics app might be removed from the BlackBerry UEM Client after migration. (EMA-15189)

Workaround: Re-activate the app after the device migration is complete.

* After an upgrade to BlackBerry UEM 12.12.1, you might not have been able to log into the management console using certificate-based authentication due to a port number change. (EMM-143848)

Workaround: Stop the BlackBerry UEM services before performing the upgrade.

* During migration, after you refresh the "Migrate users" page, sometimes no records are displayed. (EMM-143257)

* After migration is complete, a user group might not have a migrated BlackBerry Dynamics profile associated with it if the user group is associated with a BlackBerry Dynamics profile and a BlackBerry Dynamics connectivity profile. (EMM-142794)

* If you deploy Microsoft SQL Server Express 2017 SP1 to use with BlackBerry UEM, the database setting AutoClose might be set to true instead of false. (EMM-142788)

Workaround: In the Microsoft SQL Server Management Studio, right click on the BlackBerry UEM database and set AutoClose to false.

* When you migrate an app, some of the app configuration settings might be lost. (EMM-142673)

Workaround: Set the app configuration values manually.

User and device management known issues

Note that some of these issues are for the BlackBerry UEM Client and will be fixed in a future BlackBerry UEM Client release.

* On an Android Enterprise device, users can turn the location feature on even if the setting is turned off by the IT policy. (EMM-143162)

The BlackBerry UEM Core does not send the Device IMEI value to the Lookout for Work app when the app activates. (EMM-140895)

If a junior help desk administrator does not have the "View factory reset protection profiles" permission enabled, an error occurs when the junior help desk administrator clicks on a user. (EID-12919)

Workaround: Assign the "View factory reset protection profiles" permission to the administrator.

If your organization uses PKI and Entrust smart credentials together, users might need to enroll the PKI certificate multiple times on the same device (maximum of once per app). (GD-35783)

The 'Do not allow Android dictation' option in the BlackBerry Dynamics profile is used to stop dictation from keyboards, however there are certain keyboards that allow dictation through other channels. (GD-35440)

Workaround: To help mitigate the issue, you can apply an IT policy with the 'Allowed input methods' option set to 'System only' or enforce installation of particular keyboards in the Android work profile.

After an iOS user imports a certificate, the user is taken through the import process again. (G3IOS-18108)

Management console known issues

* When you offboard synchronized users, if any of the users is enabled to use BBM Enterprise, the user is deactivated but still displays in the console. (EMM-143941)

Workaround: Resynchronize the users.

* When you try to update the category information for the Zoom app, an error displays. (EMM-143641)

* When you click "Add" in the "App servers" section of a BlackBerry Dynamics Connectivity profile, any apps that have multiple binaries are duplicated on the 'Select a BlackBerry Dynamics app' page. (EMM-143152)

* If you use custom self-service activation messages and the custom message contains %ActivationQRCode % as part of the message, users can't set their own activation passwords in BlackBerry UEM Self-Service. (EMM-142869)

* After you add a user to multiple user groups, only the "all users" group displays in the 'Member of groups' list on the 'Add to user groups' page. (EMM-142751)

If you use a REST call to create a compliance policy and you set the iOS hardware restriction to false, the error message that displays does not provide the administrator with enough information to successfully create the profile. (EMM-140868)

A message does not display in the console when a BlackBerry Dynamics connectivity verification compliance violation occurs. (EMM-137201)

A per-app VPN connection cannot be established on a device that is activated with the 'User privacy – User enrollment' activation type. (EMM-136964)

The BlackBerry Connectivity app might not be delivered to an Android device that has been activated using the 'Work and personal - user privacy (Samsung Knox)' activation type and 'Google Play app management for Samsung Knox Workspace devices' is enabled. (EMM-136648)

Workaround: Assign the .apk file to the device as an internal app and select the "Publish app in Google domain" option.

When you add an internal app and an icon for the app, if you click the Refresh button on the Apps page, the icon does not display in the list of apps. (EMM-134638)

Apps do not get unblocked after adding a corresponding version to myAccount and synchronizing the app with BlackBerry UEM. (GD-45067)

When you are using the Advanced view in the management console, the device details page displays the incorrect Total internal storage amount for devices. (EMM-98304)

You can't update the version of an app in the BlackBerry UEM console before the newer version of the app is available in Google Play. (EMM-89974)

Workaround: Add the new version of the app to Google Play, wait for Google to publish the app and then add the app to the BlackBerry UEM console

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