

# Release Notes

BlackBerry Connectivity app

*Maintenance Release for Android*

Version 1.13.0.97





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# New in this release

The BlackBerry Connectivity app (previously named the BES12 Secure Connect Plus app) is required for devices to use the BlackBerry Secure Connect Plus feature in BlackBerry UEM and BES12. For more information about enabling and using BlackBerry Secure Connect Plus, see ["Using enterprise connectivity and BlackBerry Secure Connect Plus for connections to work resources" in the Administration content](#). The BlackBerry Connectivity app supports TLS 1.2 and DTLS 1.0.

This maintenance release of the app (version 1.13.0.97) for Samsung KNOX Workspace and Android for Work devices includes fixes and security updates. This release resolves a known issue that caused a per-app VPN policy to not apply properly to an app if the app was installed after the device had already established a secure tunnel connection.

This release also includes the following improvements from the previous maintenance releases of the app:

Release	Includes
1.12.0.96	<ul style="list-style-type: none"> <li>Fixes</li> <li>Security updates</li> </ul>
1.11.0.94	<ul style="list-style-type: none"> <li>Fixes</li> <li>Security updates</li> </ul>
1.9.1.92	<ul style="list-style-type: none"> <li>Fixes</li> <li>Security updates</li> </ul>
1.9.0.91	<ul style="list-style-type: none"> <li>Fixes</li> <li>Security updates</li> </ul>
1.8.0.89	<ul style="list-style-type: none"> <li>Support for Android OS 7.0.x</li> <li>Fixes</li> <li>Security updates</li> </ul>
1.6.0.84	<ul style="list-style-type: none"> <li>Support for a feature in BES12 version 12.5 that allows you to restrict specific work space apps and system apps on Android for Work devices from using BlackBerry Secure Connect Plus</li> <li>Fixes</li> <li>Security updates</li> </ul>
1.5.0.78	<ul style="list-style-type: none"> <li>Support for Samsung devices running Android 6.0 with Android for Work</li> </ul>

Release	Includes
	<ul style="list-style-type: none"> <li>• Fixes</li> <li>• Security updates</li> </ul>
1.5.0.77	<ul style="list-style-type: none"> <li>• Fixes</li> <li>• Security updates</li> </ul>
1.5.0.74	<ul style="list-style-type: none"> <li>• Support for Android OS 6.0</li> <li>• Security updates</li> <li>• A small change to the user experience: users can no longer toggle the connection to BlackBerry Secure Connect Plus in the app</li> </ul>
1.4.7.66	<ul style="list-style-type: none"> <li>• Fixes and stability improvements</li> </ul>
1.4.7.64	<ul style="list-style-type: none"> <li>• OpenSSL updates</li> <li>• Fixes and stability improvements</li> </ul>
1.4.5.54	<ul style="list-style-type: none"> <li>• A new feature that allows KNOX Workspace and Android for Work device users to send logs to the BES12 administrator from the BES12 Secure Connect Plus app</li> <li>• Fixes and stability improvements</li> </ul>
1.3.5.37	<ul style="list-style-type: none"> <li>• Support for Samsung KNOX version 2.3 for devices with Android OS version 5.0 or later; previously, the app supported KNOX version 2.4 only</li> <li>• Fixes and stability improvements</li> </ul>

## App updates

The latest BlackBerry Connectivity app (version 1.13.0.97) is now available in Google Play and at [BlackBerry software downloads](#).

- **Android for Work users:** Instruct device users to update to the latest versions of the BlackBerry UEM Client (previously named the BES12 Client) and the BlackBerry Connectivity app available in Google Play.
- **Samsung KNOX Workspace users:** User and administrator actions are required to update the app on users' devices. Follow the instructions in [Update the BlackBerry Connectivity app for Samsung KNOX Workspace devices](#).

**Note:** If you use CA certificate profiles to distribute CA certificates to Android for Work or KNOX Workspace devices, verify that the certificates that you uploaded are DER-encoded with a .der file extension, or PEM-encoded with a .pem file extension. CA certificates that do not meet these requirements might cause connection issues for the BlackBerry Connectivity app.

# Update the BlackBerry Connectivity app for Samsung KNOX Workspace devices

Follow the instructions below to update the BlackBerry Connectivity app on users' devices to the latest version (1.13.0.97).

To benefit from the latest server updates, it is a best practice to upgrade to the latest version of BlackBerry UEM (currently, version 12.6 MR2). Upgrading to version 12.6 MR2 automatically updates the app on Samsung KNOX Workspace devices to version 1.12.0.96, then you can use the instructions below to update the app to the latest version. You do not need to upgrade to version 12.6 MR2 to support the latest version of the app, but your domain should have, at a minimum, BES12 version 12.3 or later. Visit [BlackBerry Maintenance Release Software](#) to download maintenance releases.

To verify the version of the app that is currently distributed in your domain, navigate to `<drive>\Program Files\BlackBerry\BES\Core\system.app\noactivation` and check the version of **p2e-android-<version>-appstore.apk**. If you have BlackBerry UEM 12.6 MR1 or later, the file is located in `<drive>\Program Files\BlackBerry\UEM\Core\system.app\noactivation`.

## Before you begin:

- Visit [BlackBerry software downloads](#) to download the latest version of the UEM Configuration Tool and the .apk file for the BlackBerry Connectivity app (p2e-android-1.13.0.97-appstore.apk). Save the files on each computer that hosts a BES12 or BlackBerry UEM instance.
- Instruct KNOX Workspace device users to update the BlackBerry UEM Client (previously the BES12 Client) to the latest version available in Google Play.

**Note:** Users who have devices with a "Work space only" activation type cannot update the BlackBerry UEM Client, since the devices do not have a personal space to access Google Play. You can use one of the following methods to update the BlackBerry UEM Client:

- For users with the BES12 Client version 12.9.0.151377 or later, or any version of the BlackBerry UEM Client, you can download the latest version from <https://bbapps.download.blackberry.com/apps/BES12Client.apk>, and distribute it to users as an internal app from BES12 or BlackBerry UEM.
  - For users with a version of the BES12 Client earlier than 12.9.0.151377, you must deactivate the devices, instruct users to update to the latest BlackBerry UEM Client, then activate the devices again.
- Since this maintenance release of the BlackBerry Connectivity app is available in Google Play, users can update the app themselves. You must still complete the following steps to configure BES12 or BlackBerry UEM to support the app.

Complete the following steps on each computer that hosts a BlackBerry UEM instance:

1. Run the UEM Configuration Tool as an administrator.
2. Click **Next**.

3. Select the appropriate language and review the license agreement. Accept the license agreement and click **Next**.
4. Click **Update system apps**. Click **Next**.
5. If necessary, specify the database information. Click **Validate**.
6. Click **Next**.
7. Under **Select the new BlackBerry Connectivity app for Android devices**, click the browse button. Navigate to and select the .apk file for the app (p2e-android-1.13.0.97-appstore.apk).
8. Click **Update**.
9. In the Windows Services, restart the **BES12 - BES12 Core** service. If your organization uses BlackBerry UEM, the service is named **BlackBerry UEM - UEM Core**.

**After you finish:**

- BES12 (or BlackBerry UEM) sends a policy update notification to the BlackBerry UEM Client on KNOX Workspace devices. The BlackBerry UEM Client updates the BlackBerry Connectivity app.
- For more information about enabling BlackBerry Secure Connect Plus for users, [see "Using enterprise connectivity and BlackBerry Secure Connect Plus for connections to work resources" in the Administration content](#).



# Fixed issues

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If you enabled BlackBerry Secure Connect Plus as a per-app VPN for specific apps, the per-app VPN policy may not have been applied if the app was installed after the device has already established a secure tunnel connection. (1686025)

This issue is fixed in this release.

# Known issues

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When the device is in an idle state, the secure tunnel connection is not maintained and the connection expires. Apps that require the secure tunnel connection may not synchronize content until the connection is re-established when the device comes out of the idle state. (1641488)

**Workaround:** On the device, navigate to **Settings > Battery > More > Battery optimization** and disable battery optimization for the BlackBerry Connectivity app.

When a user turns off Battery Saver Mode, the device cannot use BlackBerry Secure Connect Plus until an event (for example, a network change or a device unlock) restores the connection. (1609121)

After a user upgrades a device to Android OS 7.0.x, BlackBerry Secure Connect Plus does not connect automatically. (1599658)

**Workaround:** Instruct the user to restart the device.

Samsung devices running Android OS 6.0 or later with Android for Work cannot connect or reconnect with BlackBerry Secure Connect Plus when the device is locked. (1496190)

**Workaround:** Instruct users to unlock the device to restore the connection to BlackBerry Secure Connect Plus.

After a user upgrades the BlackBerry PRIV to Android OS 6.0 or later, the BlackBerry Connectivity app does not connect to BlackBerry Secure Connect Plus. (1426922)

**Workaround:** Instruct users to update to the latest BlackBerry UEM Client, then restart the device.

If a user's device is in battery saver mode, the BlackBerry Connectivity app might not be able to connect to BlackBerry Secure Connect Plus. (1406609)

**Workaround:** When the user plugs the device into a power source and the device exits battery saver mode, the app automatically reconnects with BlackBerry Secure Connect Plus. If the user manually exits battery saver mode without plugging the device into a power source, the app will not reconnect to BlackBerry Secure Connect Plus automatically. The user can manually reconnect by toggling airplane mode on the device.

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