

HP Anywhere Release Notes

for the Windows operating system.

Software version: 10.12

Publication date: September 2014

This document is an overview of the changes made to HP Anywhere 10.12. It contains important information that is not included in books or Help. You can find information about the following in this document:

["Support Matrix" below](#)

["What's New in this Release?" on the next page](#)

["Fixed Issues in this Release" on page 5](#)

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Support Matrix

For information about the installation requirements and compatibility with other products, see the HP Anywhere [Support Matrix](#).

What's New in this Release?

This section describes the new features included in HP Anywhere 10.12. The links will be available from October 2014.

- **New support for:**
 - Windows Server 2012 64-bit
 - MS SQL 2012 64-bit
- **Simple push notifications.** You can now send activity-independent push notifications for your HP Anywhere apps. Alerts are displayed on the app users' devices according to the operating system and device notification settings. For details, see:
 - http://developer.hpanywhere.com/simple_push-rest/
 - <http://developer.hpanywhere.com/push-api/>
 - http://developer.hpanywhere.com/wp-content/uploads/10.12/HP_Anywhere_Online_Help/Default.htm#Best_Practices/Push_Notifications.htm
- **Secure app data storage.** You can now enhance your app's offline support capabilities by enabling your app to save data directly on the device - encrypted and securely - and retrieve the data quickly when needed. For details, see: http://developer.hpanywhere.com/wp-content/uploads/10.12/HP_Anywhere_API_Reference/webframe.html#HPAStorage.html
- **Web apps are now supported.** It's now easier than ever to convert your web apps to HP Anywhere mobile apps. Just open your index.html-based app in your favorite HP Anywhere IDE and follow the instructions to modify the code to convert it into an HP Anywhere app. For details, see: http://developer.hpanywhere.com/wp-content/uploads/10.12/HP_Anywhere_Online_Help/Default.htm?title=0+0#./Subsystems/IDE_Eclipse_Dev/Content/IDE_Guides/ECL_How_to_add_form_factor_XML.htm
- **New look and feel.** We updated the desktop (WebShell) and tablet user interface, making it easier than ever to work with HP Anywhere. Apps take center stage, enabling users to better focus on their tasks, while retaining the ability to connect with others.
- **FIPS 140-2 compliancy.** HP Anywhere's encryption mechanism now optionally supports FIPS-compliant libraries. (Federal Information Processing Standard (FIPS) Publication 140-2, (FIPS PUB 140-2), is a U.S. government computer security standard used to accredit cryptographic modules.) This is especially useful if your organization uses cryptographic-based security systems to protect sensitive information, or if your organization does business with such an organization (for example, a US Government agency).

Encryption is used for:

- Passwords saved in the database
- Lightweight SSO (LWSSO) encryption
- LDAP administrator password

For instructions on modifying the environment to use FIPS 140-2 compliant libraries, see: http://developer.hpanywhere.com/fips_140-2/ (By default, HP Anywhere uses BouncyCastle libraries.)

For details on the sources of the FIPS-compliant libraries, see:

- Android: <http://www.emc.com/security/rsa-bsafe.htm>
- iOS:
 - <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401val2013.htm#1944>
 - <http://support.apple.com/kb/HT6050>
- **No restart required when redeploying an app.** You no longer need to restart the HP Anywhere server when redeploying or uploading a new version of an existing app.
- **Improved memory management on iOS devices.** The HP Anywhere container now monitors the mobile device and, if the memory usage rises above a certain threshold, HP Anywhere automatically freezes activities that are currently in the background. When the app user navigates to a "frozen" activity, the data is automatically refreshed seamlessly.

App developers should take this into account when creating apps and save the app state as needed. For details, see: http://developer.hpanywhere.com/wp-content/uploads/10.12/HP_Anywhere_API_Reference/webframe.html#HPAFramework.html

- **Defect fixes.** This version includes multiple defect fixes for improved performance.

Known Issues

The reference number for each defect is the change request (QCCR) number. For more information about open defects, visit [HP Software Support Online](#), or contact your HP Support representative directly.

HP Anywhere Server

If you install apps on an HP Anywhere 10.12 server and then roll back to HP Anywhere 10.11, you need to reinstall the apps. (This is relevant only for apps that were installed after upgrading to HP Anywhere 10.12.) **(QCCR20897)**

HP Anywhere Client

Apple App Store

If you uninstall the HP Anywhere client app from a device, all apps that run on HP Anywhere are no longer available after you reinstall the HP Anywhere client app. This is because iOS automatically resets the device ID for the HP Anywhere client app every time you install it. The apps, however, are still associated with the previous device ID received from iOS. **(QCCR17657)**

Workaround: Turn off data roaming.

Sometimes, after you add a shortcut from an HP Anywhere app to your home screen, the shortcut icon is not optimized for the device's resolution. **(QCCR17566)**

Workaround: See the [HP Anywhere Developer Forum](#) for guidelines on optimizing shortcut icons for various device resolutions.

Home screen shortcuts to an HP Anywhere app are not supported for iOS 7.0.0 - 7.0.2 due to an iOS bug. This was fixed for iOS 7.0.3. **(QCCR17681)**

Google Play

Sometimes, after you add a shortcut from an HP Anywhere app to your home screen, the shortcut icon is not optimized for the device's resolution. **(QCCR17566)**

Workaround: See the [HP Anywhere Developer Forum](#) for guidelines on optimizing shortcut icons for various device resolutions.

Fixed Issues in this Release

Apple App Store

If you uninstalled the HP Anywhere client app from a device, all apps that ran on HP Anywhere were no longer available after you reinstalled the HP Anywhere client app. This is because iOS automatically resets the device ID for the HP Anywhere client app every time you install it. The apps, however, were still associated with the previous device ID received from iOS. **(QCCR17657)**

If your device had data roaming enabled and there was no network connection, you could not work in offline mode. **(QCCR16478)**

While working with multiple 'Entry Points' and trying to take a snapshot, HP Anywhere may have stopped running. This occurred on iPad 3 and iPad 4 devices. **(QCCR157970)**

Limitations

- If you uninstall the HP Anywhere client app from a device, all apps that run on HP Anywhere are no longer available after you reinstall the HP Anywhere client app. This is because iOS automatically resets the device ID for the HP Anywhere client app every time you install it. The apps, however, are still associated with the previous device ID received from iOS.
(QCCR17657)
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Administrators Only:

- You cannot install HP Anywhere in a folder whose name contain spaces.
- In Internet Explorer 9, you cannot upload an app via the Administrator Console .
Workaround: Use any other supported browser.

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- Research and register for software training

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