



MobileIron Tunnel 4.1.0 for iOS

Release Notes

for MobileIron Core and MobileIron Cloud

Revised: December 21, 2020

For complete product documentation see:
[Tunnel for iOS Product Documentation Home Page](#)

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Revision history

TABLE 1. REVISION HISTORY

Date	Revision
December 21, 2020	Added AppStation support: <ul style="list-style-type: none"><li data-bbox="574 457 1094 485">• New features and enhancements summary<li data-bbox="574 506 894 533">• Support and compatibility



Contents

Revision history	3
Contents	4
About MobileIron Tunnel	5
New features and enhancements summary	5
General features and enhancements	5
MobileIron AppConnect features and enhancements	6
MobileIron Access features and enhancements	7
Support and compatibility	7
Support policy	8
MobileIron end of sale and support policy	8
Supported MobileIron component versions	8
Supported device platforms	9
Port requirements	9
Language support	10
Resolved issues	10
Known issues	11
Limitations	11
Documentation resources	11



About MobileIron Tunnel

MobileIron Tunnel enables VPN capability on iOS devices. MobileIron Tunnel interacts with the MobileIron Enterprise Mobility Management (EMM) platform, MobileIron Standalone Sentry, and MobileIron Access to secure access to enterprise resources from outside the enterprise network. The enterprise resource can be on premise or in the cloud. The MobileIron EMM platforms are: MobileIron Core and MobileIron Cloud.

New features and enhancements summary

For new features introduced in previous releases, see [MobileIron Tunnel for iOS Product Documentation](#) for that release.

This release provides the following new features and enhancements:

- [General features and enhancements](#)
- [MobileIron AppConnect features and enhancements](#)
- [MobileIron Access features and enhancements](#)

General features and enhancements

This release includes the following features and enhancements that are common to all deployments:

- **Send Tunnel Debug logs using Email+:** By default, Tunnel uses the native iOS email app to email debug logs. Tunnel can now also use MobileIron Email+ to send debug logs. To set up Tunnel to use Email+ to send debug logs, add the key-value pair, UseSecureEMail, with the value true, in the Tunnel configuration.

For more information see "Emailing debug log information" in the *MobileIron Tunnel for iOS Guide*

- **Support for iOS native Mail, Calendar, and Contact domains:** Enter one or more domains that will trigger the configured per-app VPN connection in Mail, Contacts, and Calendar apps. The Tunnel configuration for iOS and macOS provides separate fields for entering the domain information. Requires MobileIron Core 10.6.0.0 or MobileIron Cloud 69 through the most recently released version as supported by MobileIron.

For more information see "Tunnel for iOS configuration field description" in the *MobileIron Tunnel for iOS Guide*



- **Rebranding:** MobileIron has updated the Tunnel for iOS icons and user interface color scheme. For more information see the Knowledge Base article [Coming Soon - MobileIron UX changes MobileIron Tunnel Android and iOS App](#). See also "What users see in MobileIron Tunnel for iOS" in the *MobileIron Tunnel for iOS Guide*.
- **Support for MAM-only AppStation deployments:** MobileIron productivity apps, Email+, Web@Work, and Docs@Work, in a MAM-only AppStation deployment can use Tunnel to access enterprise resources. For more information about setting up a MAM-only AppStation deployment, see the *MobileIron AppStation for iOS Guide*. The support is provided with AppStation 1.3.0 for iOS through the latest version as supported by MobileIron.

MobileIron AppConnect features and enhancements

This release includes the following features and enhancements for AppConnect apps:

- **AppConnect Apps - Support for the Enable split tunneling using MobileIron Tunnel feature:** A new option, **Enable Split Tunneling using MobileIron Tunnel**, is available in the AppTunnel configuration for an AppConnect app, Docs@Work, and Web@Work on a MobileIron unified endpoint management (UEM) platform. The MobileIron UEM platforms are MobileIron Cloud or MobileIron Core. Before enabling the option in MobileIron UEM, ensure that MobileIron Tunnel is deployed and the Tunnel VPN configuration is applied to the AppConnect app, Docs@Work, or Web@Work for which you are enabling the split tunneling option.
Select the option if you are transitioning the AppConnect app for iOS from using UIWebView to WKWebView and app data is tunneled using AppTunnel. Enabling the option allows the configured AppTunnel rules to be managed through MobileIron Tunnel rather than through AppTunnel. The workaround is available due to the planned deprecation of the UIWebView API by Apple.

NOTE: This feature is not applicable if you are already using the split tunneling configuration on MobileIron Access for your native iOS apps.

In addition to MobileIron Tunnel 4.1.0, the feature requires either one of the following:

- MobileIron Go 5.4.0 and MobileIron Cloud 70.
- Mobile@Work 12.3.0 and MobileIron Core 10.7.0.0.

For information about the UIWebView API deprecation, see [UIWebView Deprecation and AppConnect Compatibility](#).

For information about configuring AppConnect App Configuration and AppTunnel configuration on MobileIron Cloud, see "Configuring AppConnect Apps" and "Configuring AppTunnel traffic rules" sections in the *MobileIron Cloud Administrator Guide*.

For information about configuring AppConnect App Configuration on MobileIron Cloud, see "AppConnect app configuration" in the *MobileIron Core AppConnect and AppTunnel Guide*.



MobileIron Access features and enhancements

This release includes the following features and enhancements for Access deployments:

- **Report device ID to MobileIron Access:** For Access deployments, Tunnel reports the device ID to MobileIron Access if the key `SendDeviceID` is configured in the Tunnel VPN configuration with the value `true`. The device ID is reported on MobileIron Access in **Reports > Errors**. The key-value pair is useful in identifying devices that encounter connection errors when authenticating through Access. See "Additional configurations using key-value pairs for MobileIron Tunnel" in the *MobileIron Tunnel for iOS Guide*.
- **MobileIron Access IP address updates:** If you have an Access deployment, ensure that you upgrade Tunnel to this release automatically consume any changes in Access IP addresses. . Upgrading to this version of Tunnel allows device users to continue to successfully connect to your enterprise cloud resources through MobileIron Access when there are changes to the Access IP address. For information about the Access IP address updates, see [Action Required: Access Infrastructure Maintenance requires update to Firewall Rules to avoid service outage](#).

Support and compatibility

The information in this section includes the components MobileIron supports with this product.

- [Support policy](#)
- [MobileIron end of sale and support policy](#)
- [Supported MobileIron component versions](#)
- [Supported device platforms](#)
- [Port requirements](#)

NOTE: This information is current at the time of this release. For MobileIron product versions released after this release, see that product version's release notes for the most current support and compatibility information.



Support policy

MobileIron defines supported and compatible as follows:

TABLE 2. DEFINITIONS FOR SUPPORT AND COMPATIBLE

Term	Definition
Supported product versions	The functionality of the product and version with currently supported releases was systematically tested as part of the current release and, therefore, will be supported.
Compatible product versions	The functionality of the product and version with currently supported releases has not been systematically tested as part of the current release, and therefore not supported. Based on previous testing (if applicable), the product and version is expected to function with currently supported releases.

MobileIron end of sale and support policy

For the MobileIron End of Sale and Support Policy, see [MobileIron End of Sale and Support Policy](#).

Supported MobileIron component versions

The following table provides the MobileIron component versions that are supported and compatible.

TABLE 3. MOBILEIRON COMPONENTS SUPPORTED AND COMPATIBLE VERSIONS

Component	Supported Versions	Compatible Versions
MobileIron Core	10.6.0.0, 10.7.0.0	10.6.0.0, 10.7.0.0
MobileIron Cloud	70	Not Applicable The latest version is available to customers.
Standalone Sentry	9.8.1	9.5.0, 9.6.1, 9.7.0 , 9.7.1
MobileIron Access	40	Not Applicable The latest version is available to customers.



TABLE 3. MOBILEIRON COMPONENTS SUPPORTED AND COMPATIBLE VERSIONS (CONT.)

Component	Supported Versions	Compatible Versions
Mobile@Work for iOS (MobileIron Core client)	12.3.0	11.1.0, 10.2.0, 12.1.1
Go Client (MobileIron Cloud client)	5.4.0	5.1.1, 5.2.0, 5.3.0
AppStation (MobileIron Cloud MAM-only client)	1.3.0	Not applicable.

Supported device platforms

The following tables provide the iOS device platform versions that are supported and compatible.

TABLE 4. SUPPORTED DEVICE PLATFORM

Device OS	Supported Versions	Compatible Versions
iOS	12.4.7, 13.4.1, 13.5.1	9.0.0 Note The Following: <ul style="list-style-type: none"> • The SRV feature for SSO with Kerberos works only on iOS 10 through the most recent version as supported by MobileIron. • 32-bit support was dropped by Apple. Only some versions of iOS 9 are supported.

Port requirements

The following provides the required port information:

- **MobileIron Core:** See the *MobileIron On-Premise Installation Guide* for information on required ports and firewall rules associated with license activation, Standalone Sentry, and different content servers.
- **MobileIron Cloud:** See the *MobileIron Cloud Architecture and Port Requirements* document for more information on ports and firewall rules.



Language support

The MobileIron Tunnel user interface (UI) is available in the following languages:

- Chinese (Simplified)
- Chinese (Traditional)
- Dutch (Netherlands)
- English
- French (France)
- German (Germany)
- Italian (Italy)
- Japanese
- Korean
- Portuguese (Brazilian)
- Romanian (Romania)
- Russian
- Slovak
- Spanish (Latin American)

Resolved issues

For resolved issues provided in previous releases, see [MobileIron Tunnel for iOS Product Documentation](#) for that release.

This release provides the following new resolved issues:

- **IAVPN-1753:** Fixed an issue due to which SplitUDPPortList was not honoring the value if it has less than or equal to 2 characters.
- **IAVPN-1657:** Previously, Tunnel did not route localhost traffic if Wifi was turned off on the device. This issue is fixed. Now Tunnel drops the connection, allowing normal connections to work.



Known issues

For known issues found in previous releases, see [MobileIron Tunnel for iOS Product Documentation](#) for that release.

This release contains the following new known issues:

- **IAVPN-1783:** Access traffic is blocked if both Enable Access is configured for some AppConnect apps and Enable split tunneling is configured for other AppConnect apps that use AppTunnel. Workaround: Create separate Tunnel VPN configurations for AppConnect apps tunneling to Access and AppConnect apps using Tunnel to AppTunnel.

Limitations

For limitations found in previous releases, see [MobileIron Tunnel for iOS Product Documentation](#) for that release.

This release contain the following new limitation:

- **IAVPN-1594:** iOS devices cannot connect to Wi-Fi if Tunnel is configured for device-level VPN and the configured Standalone Sentry is not available.
- **IAVPN-1804:** Global HTTP Proxy is not supported with Tunnel for iOS.

Documentation resources

MobileIron product documentation is available at <https://help.mobileiron.com/s/mil-productdocumentation>.

The *MobileIron Cloud Administrator Guide* is also available from your instance of MobileIron Cloud by clicking on the **Help** link in the user interface.

MobileIron Support credentials are required to access documentation in the Support Community.

