

Release Notes for Cisco FindIT Network Manager and Cisco FindIT Network Probe, Version 1.1.0

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Introduction

These release notes describe the recommended practices and known issues that apply to software version 1.1.0 of Cisco FindIT Network Manager and Cisco FindIT Network Probe.

What's New in Cisco FindIT, Release 1.1.0

Cisco FindIT Network Manager & Probe version 1.1.0 add support for the following features:

- The Manager and Probe software may now be deployed as an application on a customer-supplied Ubuntu Linux server without the use of virtual machines
- From version 1.1.0 onwards, the Manager and Probe may now be upgraded in place when updates are released. It will no longer be necessary to back up the configuration and restore to a new installation
- The Manager virtual machine images now include the Probe application, allowing both applications to be deployed at a site with a single virtual machine
- The network topology diagram has received the following enhancements:
 - IP Address and model labels may be displayed for each icon in addition to the hostname
 - The Layer 2 Path Trace overlay has been added
 - The topology diagram may be exported as an image file
 - The auto-layout function may now be re-enabled after manual changes to the layout have been made
- The Device Health widget has been enhanced
- A new Wireless Top Ten widget has been added to the dashboard
- New Wireless Reports have been added to the Probe
- Notifications and actions are now logged for later review
- The web certificate on the manager may now be updated by the user
- Manager web server ports are now configurable on the **Platform Settings** page.
- A read-only user role has been added
- A Cisco Network Plug and Play server has been added to the Manager to facilitate zero-touch deployment of network devices

- Support has been added for the RV340 series router platform. Please note that Port Management is not supported for the RV34X routers at this time.
- Improvements to network discovery
- Numerous usability enhancements
- Cisco Smart Licensing license enforcement has been added

The following changes have been made in Cisco FindIT Network Manager & Probe version 1.1.0:

- A Probe may no longer be deployed without being associated with a Manager. An instance of FindIT Network Manager is now required for all deployments
- There is no longer a requirement to separately manage usernames and passwords for the Probe. User authentication is performed using the user database on the Manager.

System Requirements for Cisco FindIT Network Manager and Probe

Cisco FindIT Network Manager and Cisco FindIT Network Probe are distributed as virtual machine images for multiple hypervisor environments, and as installers for use with the Ubuntu Linux distribution. The supported hypervisor environments are as follows:

- Microsoft Hyper-V version 10.0 or above
- Oracle VirtualBox version 5.0.2 or above
- VMWare products—It can be one of the following:
 - ESXi version 5.5 or above
 - Fusion version 7 or above
 - Workstation version 12 or above

The minimum system resource requirements for the FindIT virtual machines are as follows:

Table 1: System Resources for the FindIT Virtual Machines

FindIT Network Manager	FindIT Network Probe
2 64-bit CPU cores	1 64-bit CPU core
4GB RAM	512MB RAM
20GB disk storage	5GB disk storage

To run FindIT Network Manager or Probe under Ubuntu Linux, your environment must meet the following requirements:

Table 2: System Resources for the Ubuntu Linux environment

FindIT Network Manager	FindIT Network Probe
Ubuntu version 16.04.x (Xenial Xerus)	Ubuntu version 16.04.x (Xenial Xerus)
2 64-bit CPU cores	1 64-bit CPU core
4GB RAM	512MB RAM
20GB disk storage	5GB disk storage

The FindIT web user interface is supported with the following browsers:

- Apple Safari version 9 (macOS only)
- Google Chrome version 52 (Recommended)
- Microsoft Edge version 38
- Microsoft Internet Explorer version 11
- Mozilla Firefox version 48

**Note**

When using Safari, ensure that the certificate presented by the FindIT Network Probe is set to **Always Trust**. Otherwise, certain functions such as **Discovery** and **Dashboard** that depend on the use of secure websockets will fail. This is a limitation of the Safari web browser.

Cisco Supported Devices

FindIT Network Manager supports the Cisco 100 to 500 series products. For a detailed list of devices and features supported, please refer to the *Cisco FindIT Network Manager - Device Support List* located at <http://www.cisco.com/c/en/us/support/cloud-systems-management/findit-network-management/products-technical-reference-list.html>.

License Requirements

FindIT Network Manager is a licensed application. Device licenses are required for each Cisco 100 to 500 series product being managed. A count of up to ten Cisco 100 to 500 series devices may be managed in **Evaluation Mode** without a license. For more information, please refer to the FindIT Network Manager datasheet at <http://www.cisco.com/c/en/us/support/cloud-systems-management/findit-network-manager/model.html>.

Upgrading to Cisco FindIT 1.1.0

To upgrade from **FindIT Network Manager** or **Probe** version 1.0.x to version 1.1.0, do the following:

- 1 Navigate to **Administration > Backup & Restore** and back up the FindIT configuration and settings.
- 2 Shutdown the version 1.0.x virtual machine.
- 3 Install the version 1.1.0 software.
- 4 Log on to the version 1.1.0 virtual machine, navigate to **Administration > Backup & Restore**, and restore the FindIT configuration using the backup file taken.
- 5 Optionally delete the version 1.0.x virtual machine.

**Note**

For more details on each step of this process, consult the corresponding section of the **Administration Guide**.

Limitations and Restrictions

The Cisco FindIT Network limitations and restrictions are described in the following sections:

- [General Limitations](#)
- [System Backup and Restore](#)

General Limitations

- The web interface on FindIT Network Manager takes a few minutes to become operational after the virtual machine is started
- Depending on the size of the network, it may take the Probe several minutes to discover all devices and calculate the network topology
- Up to 50 network devices can be managed by single Probe instance
- Up to 50 Probes can be associated with a single Manager instance
- SNMPv3 authentication keys and privacy keys must be at least 8 characters in length
- When using Safari, ensure that the certificate presented by the FindIT Network Probe is set to **Always Trust**

System Backup and Restore

- When performing a system backup or restore, FindIT will prevent you from doing any further configuration actions
- Prior to beginning a system backup or restore, the idle timeout value in **Administration > User Management > User Session Settings** should be set to at least 30 minutes (default is 60 minutes)

Caveats

The following table lists the open caveats for version 1.1.0

Table 3: Open Caveats

Caveat ID Number	Headline
CSCvc02341	Roaming devices connect to multiple APs on topology Workaround: There is no workaround at this time.
CSCvc02347	Cannot monitor and configure devices through IPv6 Workaround: Monitor and configure devices by IPv4.
CSCvc02354	Topology: Sometimes device names are covered by device icons when navigating back to the topology page Workaround: Click other rows in the menu, then back to Discovery.
CSCvc02371	The same device event will pop up more than 2 times at the same time Workaround: There is no workaround at this time.
CSCvc02381	There won't be a task record in task center when applying configuration to a new added group member Workaround: There is no workaround at this time.
CSCvc02391	Device physical port view: Should not list the port speed options that device doesn't support Workaround: Based on port's type and name, select the right speed.
CSCvc02411	Cannot get devices' IP address through Bonjour after switch bridge mode between two NICs on VMware Fusion network setting for several times Workaround: After you set bridge mode to right NIC, then restart Probe.
CSCvc02422	Cannot rename the WAP371's R/W user account by Probe Workaround: There is no workaround at this time.

Caveat ID Number	Headline
CSCvc03176	<p>System configurations and network settings don't apply on devices when restoring configurations</p> <p>Workaround: Manually edit system configurations and network settings to re-apply after restoring configuration.</p>
CSCvc04134	<p>Don't support multiple interfaces on Probe</p> <p>Workaround There is no workaround at this time.</p>
CSCvc04204	<p>Getting the duplicated entry in the credentials table for switch stack after power off the master</p> <p>Workaround When the stack is stable, reboot Probe.</p>
CSCvc04230	<p>Can't add created VLAN to switch's trunk ports on new group member</p> <p>Workaround Manually add the trunk ports to the VLAN.</p>
CSCvc04252	<p>Sometimes it report error when online upgrade device firmware</p> <p>Workaround Make sure Probe can connect to cisco.com and then reboot Probe, or upgrade firmware from local.</p>
CSCvc30906	<p>Probe UI does not work with Microsoft Internet Explorer 11 RTM version</p> <p>Workaround Update Internet Explorer to the official version or use a different browser</p>
CSCvc30920	<p>Restore switch configuration failed after set summer-time through FindIT Probe</p> <p>Workaround None</p>
CSCvc75037	<p>No country and postcode information can be retrieved automatically with Baidu maps</p> <p>Workaround Input country and postcode manually on Probe</p>
CSCvc75042	<p>Some sites can't be displayed with Baidu maps after moving the map horizontally</p> <p>Workaround None</p>
CSCvf49290	<p>Export topology doesn't work on IE11</p> <p>Workaround Export topology on other browsers like Firefox or Chrome can be used</p>

Caveat ID Number	Headline
CSCvf49309	FindIT displays outside WAN IP instead of device IP on Network Plug and Play - Unclaimed Devices page Workaround None
CSCvf49321	Adding user fails for RV34X router except when the username is cisco or admin Workaround Use cisco or admin as username to add user.
CSCvf49332	FindIT responses are slow when display is over 300 hosts on topology page Workaround Don't try displaying hosts when there are many.
CSCvf49343	FindIT can't create VLAN and add ports into the VLAN when config SSID is on WAP361 and WAP571 Workaround Manually set VLAN and ports through WAP web GUI.
CSCvf49348	FindIT Probe GUI can't be accessed on Safari browser with IPv6 address Workaround Use other browsers like Firefox or Chrome.
CSCvf58349	Sometimes the data related to time in wireless report is not correct on modifying time setting Workaround None
CSCvf60008	Websocket disconnect when receiving HTTP head size greater than 1024 bytes Workaround Clear browser cookies and log in again
CSCvf94094	FindIT Probe may run out of disk space over an extended period Workaround Manually delete the file /var/lib/libnetconf/streams/NETCONF.events and reboot the Probe.
CSCvf94125	Wrong MDFID and SWTID in Bonjour for RV340W and RV345 Workaround Log on to the device GUI and navigate to Administration > File Management to check for firmware updates and apply them. Alternatively, manually check the Cisco Software Center for updates.

The following table lists the resolved caveats for version 1.1.0

Table 4: Resolved Caveats

Caveat ID Number	Headline
CSCvc02362	Switch port MAC address is recognized as host and displayed in topology
CSCvc02417	Should not allow an empty password for Probe VM
CSCvc02422	Cannot rename the WAP371's R/W user account by Probe
CSCvc02540	At times there are no download icons available for some devices in inventory
CSCvc04173	Sometimes get "SNMP credential required" or "SNMP disabled" notification
CSCvc04195	Should update device IP address assigned by DHCP
CSCvc04220	Sometimes get "Web service disabled" notifications for devices

Where to Find Support

For current support information, visit the following URLs:

Table 5: Where to Find Support

Support	
Cisco FindIT Network Support Forums	https://supportforums.cisco.com/community/2116/findit-network-management
Phone Support Contacts	http://www.cisco.com/go/sbse
Product Documentation	
Cisco FindIT Network Management Support and Documentation Resources	http://www.cisco.com/c/en/us/support/cloud-systems-management/findit-network-management/tsd-products-support-series-home.html
Cisco Small Business	
Cisco Small Business Home	http://www.cisco.com/go/sbse
Cisco Small Business Support Community	http://www.cisco.com/go/smallbizsupport

