# Release Notes for Cisco FindIT Network Manager for AWS, Version 1.1.3

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## Introduction

These release notes describe the recommended practices and known issues that apply to software version 1.1.3 of Cisco FindIT Network Manager when deployed from the Amazon Web Services (AWS) Marketplace.

### What's New in Cisco FindIT Network Manager for AWS, Release 1.1.3

FindIT Network Manager for AWS version 1.1.3 addresses a problem with an over-restrictive OS hardening policy that can result in the users being unable to log on to the operating system after an extended period of inactivity. The default password expiry for user accounts in 1.1.2 was set to 30 days. After more than 30 days of inactivity, the account is locked and may not be accessed. Since FindIT Network Manager is a web application managed through the web interface, it is not uncommon for user accounts to be unaccessed for an extended period of time. In addition, when a new instance of 1.1.2 is deployed, the last used date is set to the time the AMI was created and not the time the instance was created. So a user account will expire immediately for such new instances. Note that this problem does not impact access to or the operation of the FindIT Network Manager application.

For existing 1.1.2 deployments with user accounts that have not yet expired, this issue can be prevented by logging on to the operating system using the 'cisco' account, and entering the following commands:

```
cisco@findit-probe:~$ sudo chage -I -1 cisco
```

To verify the change, enter the following command and check the password inactive field.

```
cisco@findit-probe:~$ sudo chage -l cisco
Last password change                                   : Jun 13, 2018
Password expires                                       : Dec 10, 2018
Password inactive                                      : never
Account expires                                        : never
Minimum number of days between password change         : 7
Maximum number of days between password change         : 180
Number of days of warning before password expires      : 7
cisco@findit-probe:~$
```

For deployments where the user account has already expired, it will be necessary to recreate the FindIT Network Manager instance. To do this, use the following steps:

1.  Use the FindIT Network Manager backup and restore functions to save the settings on the current instance. See the administration guide at *http://www.cisco.com/go/findit-docs* for details.

2.  Create a new FindIT Network Manager instance using version 1.1.3

3.  Restore the settings to the new instance from the backup taken in step 1

4. Modify the public IP address settings in AWS or change DNS records so that the new instance replaces the old instance on the network.

5. Terminate the version 1.1.2 instance of FindIT Network Manager.

## System Requirements for Cisco FindIT Network Manager for AWS

Cisco FindIT Network Manager for AWS is distributed through the AWS Marketplace. To use FindIT Network Manager for AWS, the following requirements must be met:

• You will need a valid AWS account

• If you wish to use the Bring Your Own License (BYOL) deployment option, you will need a valid Cisco Smart Account

**Note** For more details on the BYOL option, see the following sections.

• Some familiarity with the operations and practices of Amazon Web Services is recommended

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

• Apple Safari version 9 (macOS only) or above

• Google Chrome version 52 (Recommended) or above

• Microsoft Edge version 38 or above

• Microsoft Internet Explorer version 11 or above

• Mozilla Firefox version 48 or above

**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.

Cisco FindIT Network Manager for AWS is distributed through the AWS Marketplace at https://aws.amazon.com/marketplace. It offers the following two licensing options:

- Cisco FindIT Network Manager (BYOL)—The Bring Your Own License (BYOL) option uses Cisco Smart Licensing to operate, similar to the virtual machine and Ubuntu Linux deployment models. If you choose the BYOL option, you will need a Cisco Smart Account and sufficient FindIT device licenses for your network.

- Cisco FindIT Network Manager (Metered)—The metered option is licensed directly through Amazon Web Services. License usage is calculated hourly based on the number of devices being managed and is charged to your AWS account each month.

**Note** The Metered option does not support integration with the third-party RMM systems.

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.

# Limitations and Restrictions

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

- General Limitations, on page 3
- System Backup and Restore, on page 3

## General Limitations

- The web interface on FindIT Network Manager takes a few minutes to become operational after the AWS instance is started

- Integration with third-party Remote Monitoring and Management (RMM) tools is not supported with the metered deployment model of FindIT Network Manager for AWS

- 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 resolved caveats and the open caveats for FindIT Network Manager for AWS, version 1.1.3:

*Table 1: Resolved Caveats*

| Caveat ID Number | Headline |
|---|---|
| CSCvj92485 | Can't SSH to manager due to password expired |

*Table 2: Open Caveats*

| Caveat ID Number | Headline |
|---|---|
| CSCvc75042 | Some sites can't be displayed with Baidu maps after moving the map horizontally<br>**Workaround**<br>None |
| CSCvf49309 | FindIT displays outside WAN IP instead of device IP on Network Plug and Play - Unclaimed Devices page<br>**Workaround**<br>None |

# Where to Find Support

For current support information, visit the following URLs:

*Table 3: Where to Find Support*

| Support | |
|---|---|
| Cisco FindIT Network Support Forums | http://www.cisco.com/go/findit-support |
| Phone Support Contacts | http://www.cisco.com/go/sbsc |
| **Product Documentation** | |
| Cisco FindIT Network Management Support and Documentation Resources | http://www.cisco.com/go/findit-docs |
| **Cisco Small Business** | |
| Cisco Small Business Home | http://www.cisco.com/go/smb |
| Cisco Small Business Support Community | http://www.cisco.com/go/smallbizsupport |

For issues with products and services relating to Amazon Web Services, refer to the AWS support information at *https://aws.amazon.com*.