# New and Changed Information

This chapter contains the following section:

- New Features and Changed Information, page 1-1

## New Features and Changed Information

The following tables summarize new and changed features in the Cisco IWAN app, releases 1.6.0, 1.6.1, and 1.6.2.

*Table 1-1 New and Changed Features, IWAN App Release 1.6.2*

| Feature | Description | Reference |
|---|---|---|
| PKI certificate refresh alarm | Displays an alarm to indicate that a PKI certificate renewal has occurred for a specific device on a hub or branch site. Alerts you to perform a **write memory** on the device if the startup-config does not match the running-config. | PKI Certificate Renewal Alarms, page 6-7 |

*Table 1-2 New and Changed Features, IWAN App Releases 1.6.0, 1.6.1*

| Feature | Description | Reference |
|---|---|---|
| Port range / IP subnet based custom app | Ability to specify a port range or an IP subnet when defining a new NBAR2 custom application. | Adding a New Application, page 7-3 |
| NAT IP / Custom port enhancement | Ability to specify custom NAT port, and to modify NAT IP and port settings after provisioning (Day N). | Configuring System Settings, page 4-2 |
| Delete service provider address pools | Ability to delete IP address pools when they are not used on any hub or spoke router. | Configuring IP Address Pools, page 4-12<br><br>Deleting Address Pools, page 4-17 |

*Table 1-2*          *New and Changed Features, IWAN App Releases 1.6.0, 1.6.1*

| Feature | Description | Reference |
|---|---|---|
| MC selection on branch sites | Ability to select master controller (MC) device during provisioning (Day 0) of a branch site with two routers. | Adding and Provisioning Greenfield Devices to the Branch Site, page 5-5<br><br>Adding and Provisioning Brownfield Devices to the Branch Site, page 5-11 |
| Support for Cisco ISR 1100 Series and Cisco ISR 4221 routers | Support added for Cisco ISR 1100 Series routers and the Cisco ISR 4221 router at branch sites. See the release notes for details. | Cisco IWAN Application on APIC-EM Release Notes, Release 1.6.0<br><br>Cisco IWAN Application on APIC-EM Release Notes, Release 1.6.1 |