# Feature History

This chapter summarizes the new and modified features that are supported in Cisco IoT FND 4.9.0 and 4.9.1 releases.

## What's New in 4.9.1

| Features | Description |
|---|---|
| **Cisco IoT Field Network Director 4.9.1** | |
| Postgres 12.12 rpm upgrade | The Postgres 12.12 rpm upgrade is automated in IoT FND 4.9.1 release and based on the OS installed, it will update the libraries. Upgrade IoT FND OVA. |
| Postgres scale support up to 15K | Starting with this release, IoT FND OVA supports 15K routers with Postgres/Influx DB. For more information on the specifications, refer to Postgres-Only Deployments. |
| Obfuscate password except root and user with permission "Manage Device Credentials" | The Show Device Password option in the User Preferences setting allows the root user and the user with permission "Manage Device Credentials" to show or hide the password in the Device Details page. For more information, refer to Setting Preferences for the User Interface. |
| Support for device firmware upgrade/downgrade during PnP workflow | • PnP work flow supports device upgrade by default.<br>• To downgrade, set the property value to "true" in the cgms.properties file.<br>`[downgrade-fw-during-pnp=true]`<br>**Note** By default, the property value is set to false. |
| Configurable tunnel reprovisioning timeout added to cgms.properties file. | Tunnel reprovisioning jobs get timed out in 240 minutes. However, if necessary, you can configure the tunnel reprovisioning timeout in the cgms.properties file:<br>`[reprovision-timeout-minutes=<timeout in minutes>]` |

# What's New in 4.9.0

| Features | Description |
|---|---|
| **Cisco IoT Field Network Director 4.9.0** | |
| Support Events NB API for Multi-tenants | This feature supports multi-tenancy where the user can subscribe/unsubscribe for events or outages for a particular domain. |
| | The following APIs use domain as a parameter to support for multi-tenancy: |
| | • subscribeForEvents |
| | • subscribeForCgmeshOutage |
| | • unsubscribeForEvents |
| | • unsubscribeForCgmeshOutage |
| | • getAllEventSubscriptions |
| Support for Cisco 8000 Series Routers in IoT FND | IoT FND manages the following C8000 device types: |
| | • C8500L-8S4X |
| | • C8000V |
| Geo-Tracking Support for N2450 | IoT FND provides the latitude and longitude information for N2450 using the GPS coordinates. The geo-tracking information appears on the Device Listing and Device Details pages of N2450. |