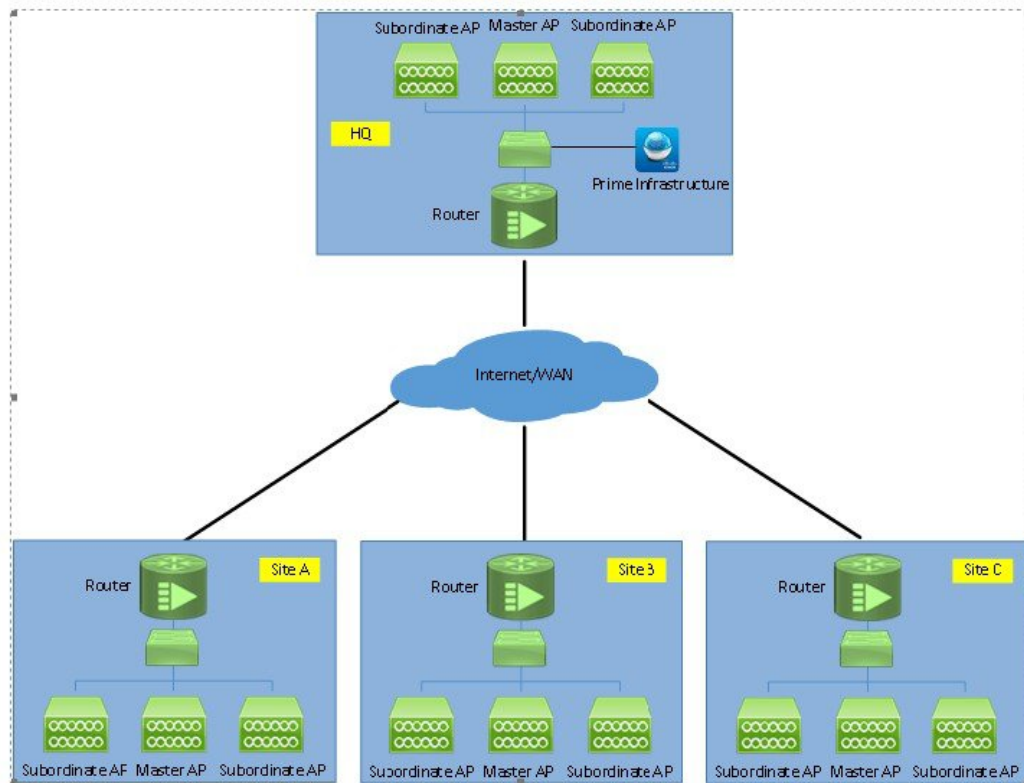




Managing Mobility Express Deployments from Cisco Prime Infrastructure

Cisco Prime Infrastructure 3.01 or later can be utilized to monitor multiple instances of Cisco Mobility Express deployment.



- [Adding Mobility Express to Prime, page 2](#)

Adding Mobility Express to Prime

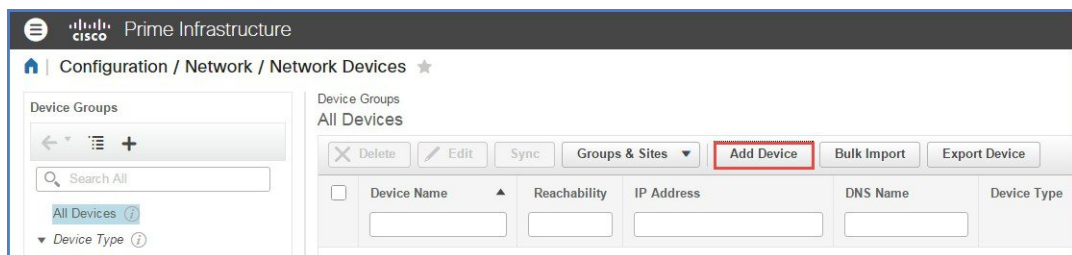
Perform the following steps to add the controllers:

Procedure

Step 1 Login to Cisco Prime



Step 2 Navigate to Configuration / Network / Network Devices, click on Add Device.



Step 3 Enter the IP address of the Mobility Express controller.

The screenshot shows a dialog box titled "Add Device" with a close button (X) in the top right corner. On the left side, there are five tabs: "* General" (highlighted with a blue border), "* SNMP", "Telnet/SSH", "HTTP/HTTPS", and "IPSec". The main area is titled "* General Parameters" and contains the following fields:

- IP Address: A text input field with a red border and a red 'X' icon on the right, indicating an error.
- DNS Name: A text input field.
- License Level: A dropdown menu set to "Full" with a help icon (?) to its right.
- Credential Profile: A dropdown menu set to "--Select--" with a help icon (?) to its right.

At the bottom right of the dialog, there are three buttons: "Add" (highlighted in blue), "Verify Credentials", and "Cancel".

Step 4 Enter the SNMP Parameters and click Add.

Note You must configure the SNMP community strings on the Mobility Express controller prior to adding the device in Prime.

The screenshot shows the 'Add Device' configuration window. On the left, there are tabs for 'General' (checked), 'SNMP', 'Telnet/SSH', 'HTTP/HTTPS', and 'IPSec'. The 'SNMP Parameters' section is highlighted with a red border and contains the following fields:

- Version: v2c
- * SNMP Retries: 2
- * SNMP Timeout: 10 (secs)
- * SNMP Port: 161
- * Read Community: [] ?
- * Confirm Read Community: []
- Write Community: [] ?
- Confirm Write Community: []

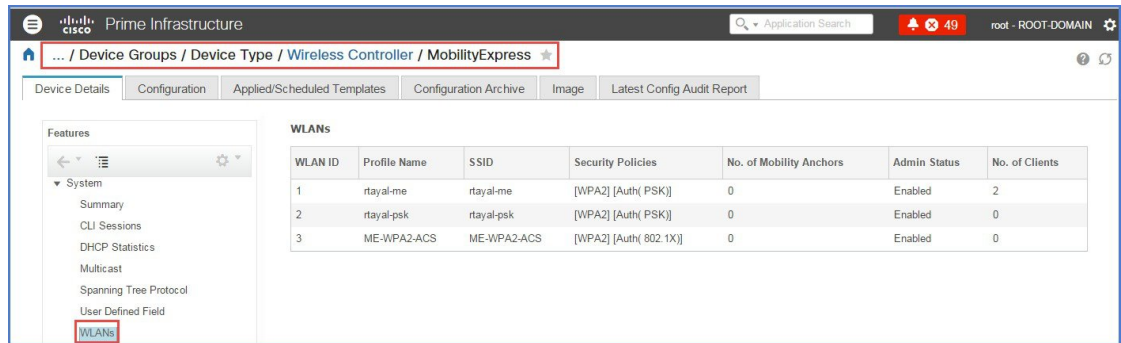
At the bottom right, there are three buttons: 'Add' (highlighted with a red box), 'Verify Credentials', and 'Cancel'.

Step 5 After the device is added, it shows up in the **All Devices** list.

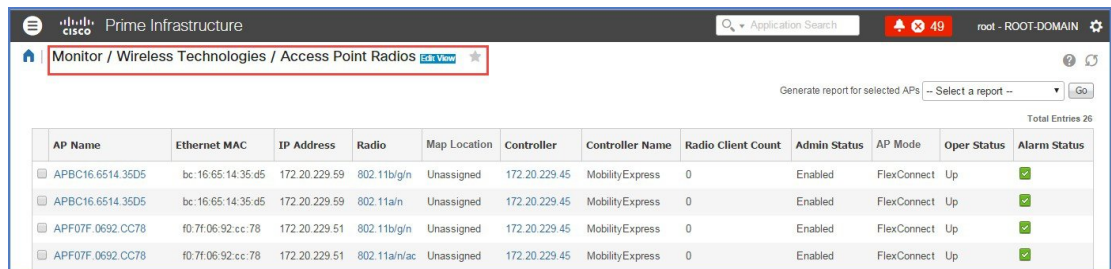
The screenshot shows the 'All Devices' list in the Cisco Prime Infrastructure interface. The table below is a representation of the data shown in the screenshot:

Device Name	Reachability	IP Address	DNS Name	Device Type	Admin Status	Last Inventory Collection
MobilityExpress	✓	172.20.229.45	172.20.229.45	Cisco Aironet 1850	Managed	Completed

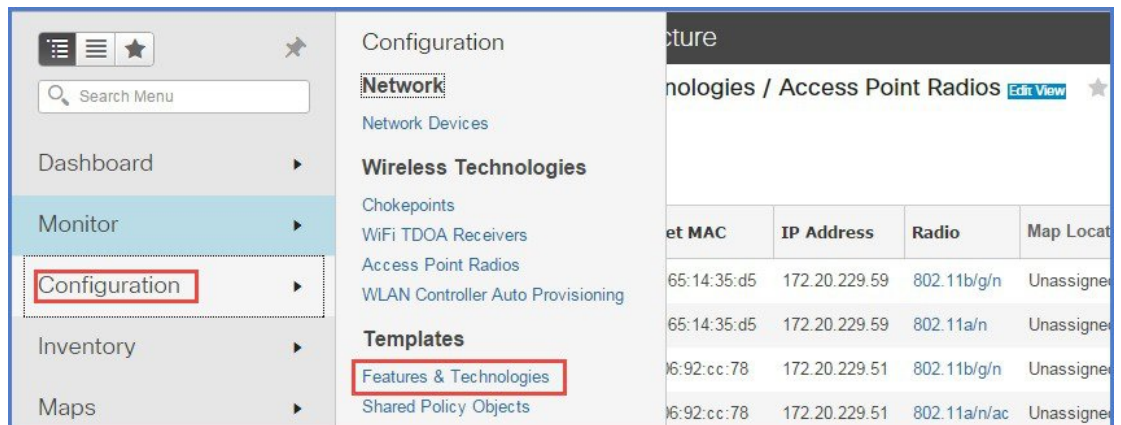
Step 6 To view the list of WLANs, navigate to **Network Devices > Device Groups > Device Type > Wireless Controller** and select the Mobility Express controller you added in Step 4.



Step 7 To view the list of AP, navigate to **Monitor > Wireless Technologies > Access Point Radios**



Step 8 To configure WLANs from Prime on Mobility Express, navigate to **Configuration > Feature & Technologies** under **Template**.

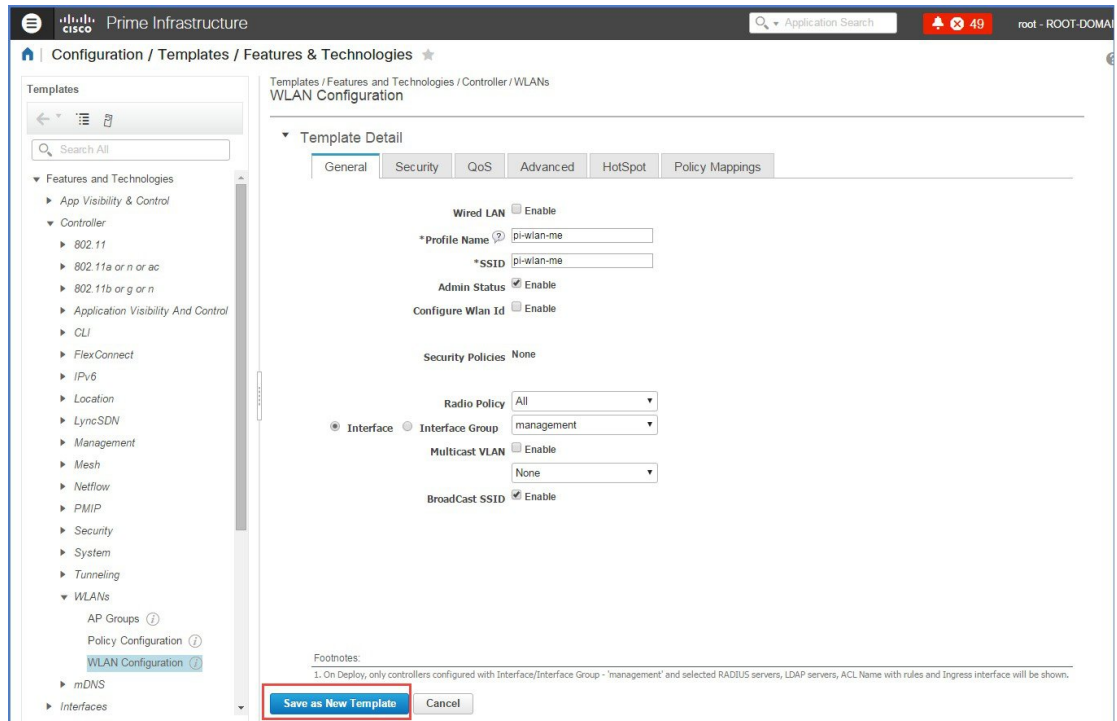


Step 9 Navigate to **Controller > WLAN > WLAN Configuration**. Enter the Template name and the **Template Detail**.

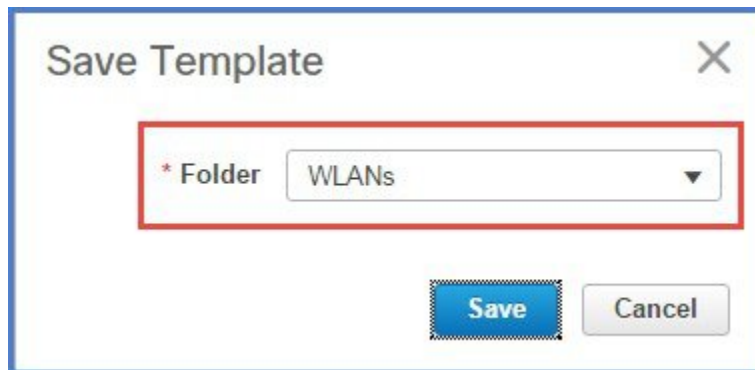
The screenshot shows the Cisco Prime Infrastructure configuration interface for WLAN Configuration. The left sidebar displays a navigation tree with 'WLAN Configuration' selected. The main content area is divided into several sections:

- Template Basic:** Includes fields for Name, Description, Tags, Author (set to 'root'), and Feature Category (set to 'WLAN Configuration').
- Validation Criteria:** Includes a dropdown for Device Type (set to 'CUWN (default)').
- Template Detail:** Contains sub-tabs for General, Security, QoS, **Advanced** (highlighted with a red box), HotSpot, and Policy Mappings.
 - Advanced Tab:**
 - Scan Defer Time: 100 (ms)
 - DTIM Period: 1 (ms)
 - 802.11a/n (1-255): 1 (ms)
 - 802.11b/g/n (1-255): 1 (ms)
 - mDNS Configuration:
 - mDNS Snooping: Enable
 - mDNS Profile: **none** (highlighted with a red box)
 - Universal Admin Status:**
 - Universal Admin Status: Enable
 - Load Balancing and Band Select:**
 - Client Load Balancing: Enable
 - Client Band Select: Enable
 - NAC:**
 - NAC State: None
 - Voice:**
 - Media Session Snooping: Enable
 - KTS based CAC: Enable

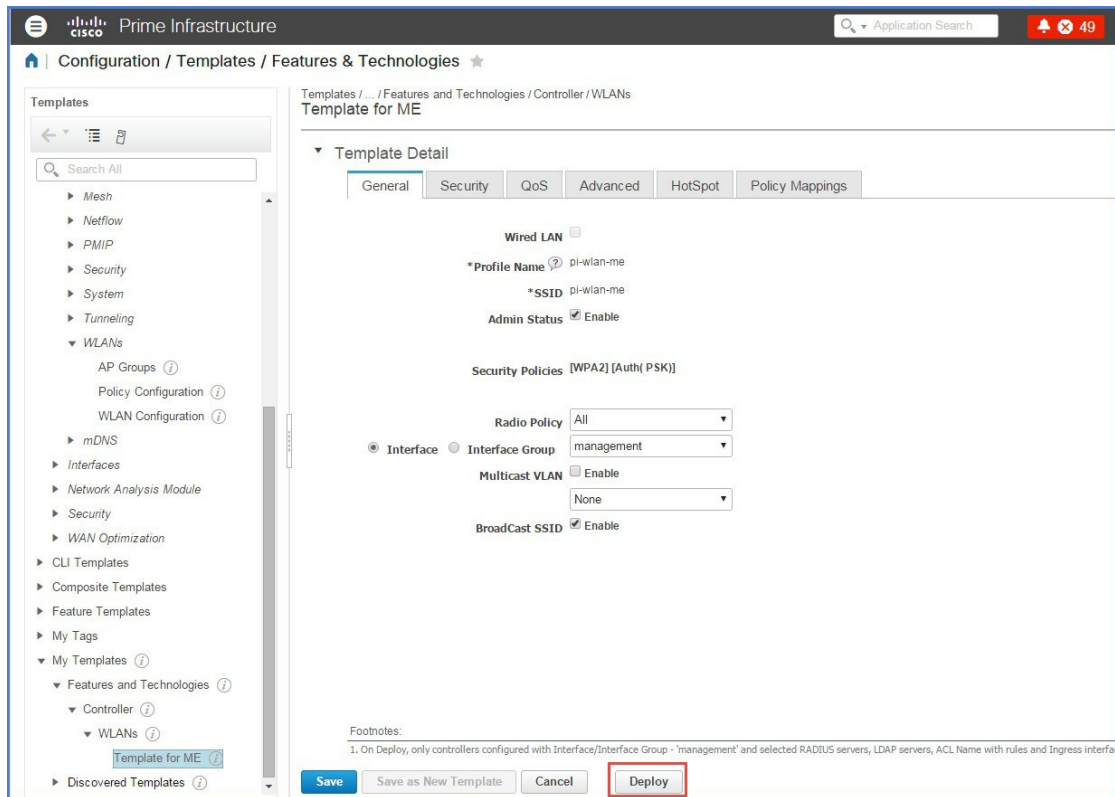
Step 10 On the **Advanced Tab**, make sure mDNS profile is set to **none** as it is not supported on Mobility Express.



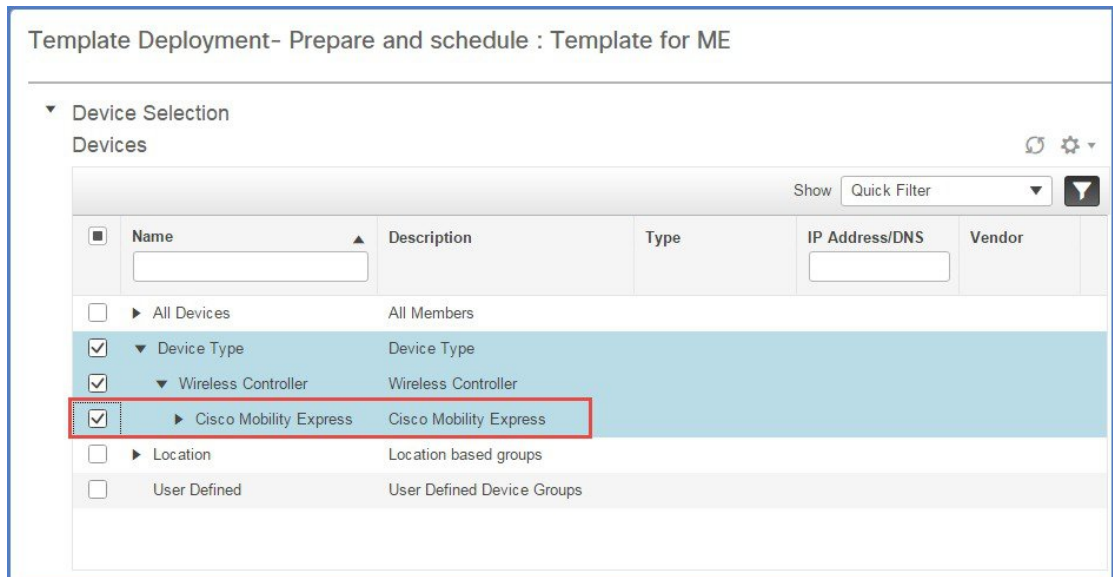
Step 11 To save the Template, click on 'Save as New Template' and select the folder where the templates need to be saved.



Step 12 To deploy the template to Mobility Express, click **Deploy**.



Step 13 Select the **Cisco Mobility Express** controller and click OK.



Step 14 Navigate to **Job Dashboard** to view the Job Status

Prime Infrastructure

Administration / Dashboards / Job Dashboard / Template for ME_1

Recurrence None
Description N/A

Showing latest 5 Job instances Show All

Run ID	Status	Duration (hh:mm:ss)	Start Time	Completion Time
1637325	Success	00:00:02	2016-03-17 13:03	2016-03-17 13:03

Job summary Successful deployment on 1 device(s).

Job Results for Template for ME

Device	Status	Transcript
172.20.229.45	Success	Deploy succeeded

