Installation and Initial Setup

Prerequisites for Cisco USB BLE Beacon Installation

- A Cisco Wireless Controller should be deployed in your network, and APs should be added to the controller.

- A Cisco CMX device should be deployed and installed with Cisco CMX Release 10.6, and should be reachable from the cloud.

- Cisco CMX should have maps imported from Cisco Prime Infrastructure 3.6.

- Cisco DNA Spaces should be deployed.

Supported Hardware

The following table lists the hardware guidelines for Cisco USB BLE Beacon installation.

Table 1: Hardware Support

Device Supported	Version
Cisco Catalyst 9800 Series Wireless Controller	17.3.1 release
Cisco DNA Spaces Connector	2.3 release
Cisco Prime Infrastructure	3.6 release **Note** Use Cisco PI to export maps.
Cisco DNA Spaces	Indoor IoT Services

Installation Guidelines

The following is a list of installation guidelines pertaining to Cisco USB BLE Beacon:

- It is compatible with AP 1830/1850/2800/3800 USB port.

> **Note** Access Point models 3802-P and 2802-P does not support Cisco USB BLE Beacon and therefore BLE related information does not populate.

- It can be plugged into an AP's USB port without removing the AP from the ceiling.

- It does not restrict access to the mGig and other available ports on the AP 3800 when mounted.

- It generates omni-directional antenna pattern or coverage when plugged into an AP.

Installing the Cisco USB BLE Beacon

Step 1   Power off the corresponding AP and disable the Power over Ethernet (PoE).

Step 2   Plug the Cisco USB BLE Beacon into the USB port of the AP.

Step 3   Power on the AP and enable the PoE. Note that you must wait until the AP has re-established the connection with the controller until you proceed to next step.

Step 4   Log in to the controller GUI.

Step 5   Choose **Wireless > Access Points > All APs**.

Step 6   Select the AP with the Cisco USB BLE Beacon installed.

Step 7   Click the **Inventory** tab.

Step 8   In the **USB Module Inventory** area, verify the USB module details. (We recommend that you perform the USB module verification for all the APs with Cisco USB BLE Beacons.)