



BLE Devices

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Discover beacons

This section shows you how to view the beacons scanned by IoT Service.

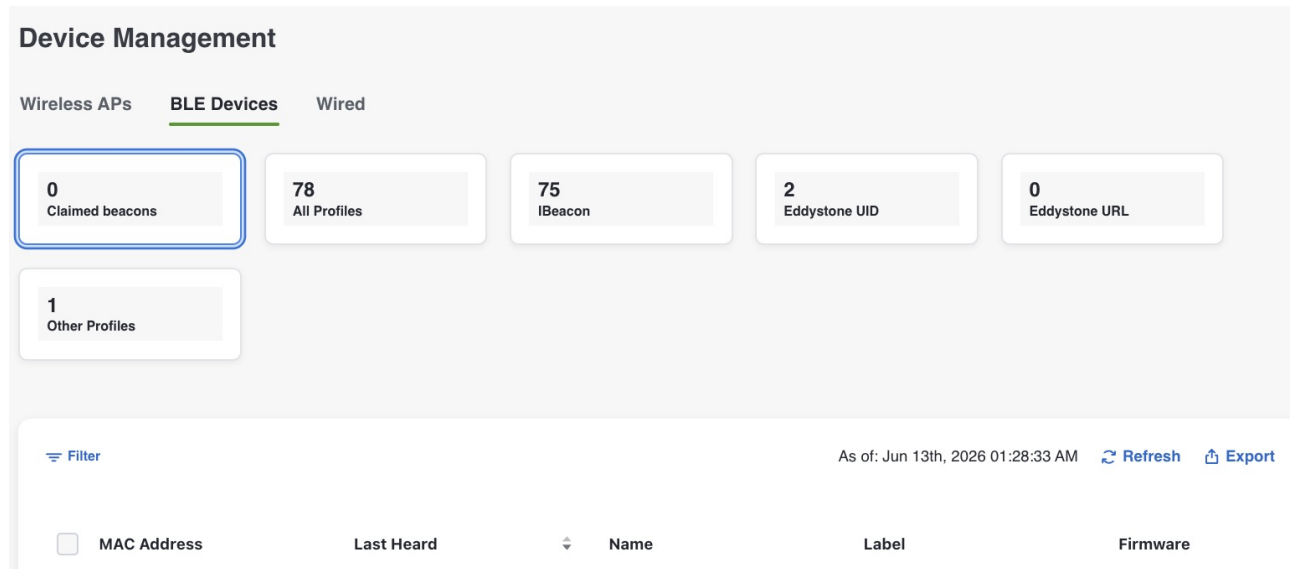
Procedure

Step 1 Navigate to **IoT Services > Manage > BLE Devices** from the Cisco Spaces dashboard.

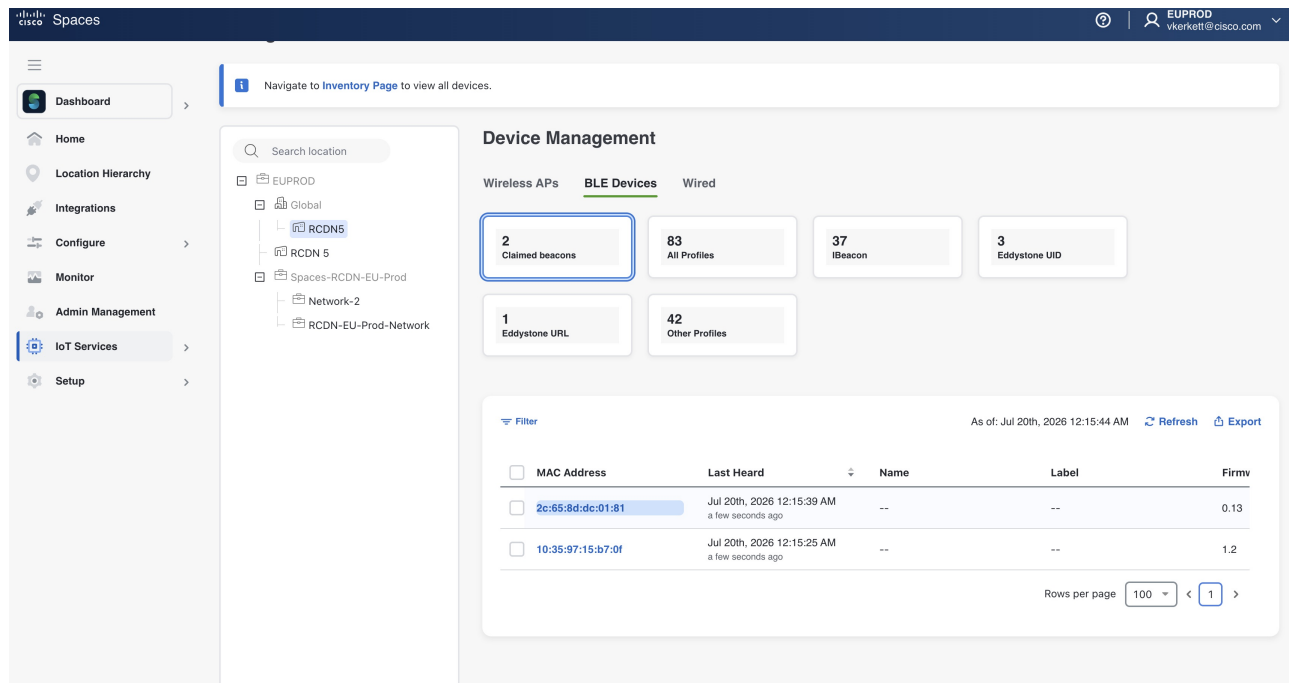
Step 2 Click on one of these: **All Profiles**, **iBeacon**, **Eddystone UID**, **Eddystone URL**, **Other Profiles**.

This list is sorted by **Last Heard** by default. You can sort the table by other fields by clicking the arrow beside the column header.

Figure 1: Beacon Details



Step 3 Click on the MAC address of the beacon to view further details.



114
Other Profiles

Advance Configurati

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9

Base Mac Address - 10:35:97:15:b8:8c

As of: Jul 20th, 2026 12:20:15 AM [Refresh](#)

Device Information

Edit

Mac Address	10:35:97:15:b8:8c	Group Name	--
Last Heard	Jul 20th, 2026 12:20:05 AM a few seconds ago	Profile Type	Qorvo
Mac Address Type	--	Battery	100%
Label	--	Unique Id	--
		Firmware	1.3
Location	ewlc23->sjc1423->floor2	Adv. TxPower (dBm)	null dBm

Sensor Information

Request History

What to do next

You can view location details of the beacon on Cisco Spaces: Detect and Locate.

DL

Detect & Locate

Track and locate devices on your wireless network. Detect rogues and boost security

ADVANCED FEATURES

Dashboard



- VT Visitor Trends
- LO Live Occupancy
- LA Location Analytics
- DL Detect & Locate**
- OR OpenRoaming
- CP Captive Portals
- EN Engagements
- LP Location Personas
- IE IoT Explorer

For more information, refer to [Cisco DNA Spaces: Detect and Locate Configuration Guide](#).

Claim a beacon

Register a beacon device with Cisco Spaces by claiming it using its unique order ID.

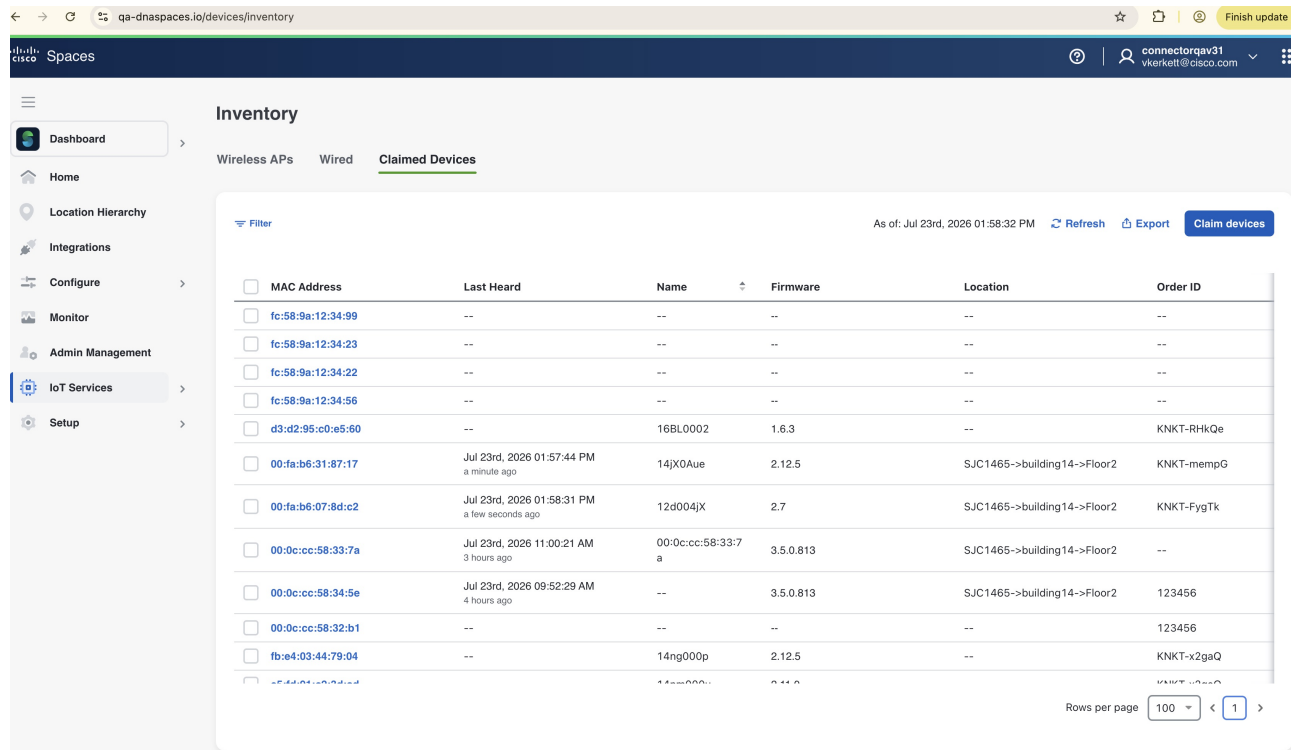
Before you begin

Keep the order ID of the beacon ready. You have received the order ID through an e-mail and physically along with the packaging of the beacon.

Procedure

Step 1 From the Cisco Spaces dashboard, choose **IoT Services** > **Inventory** > **Claimed Devices**.

Figure 2: Claimed Devices tab

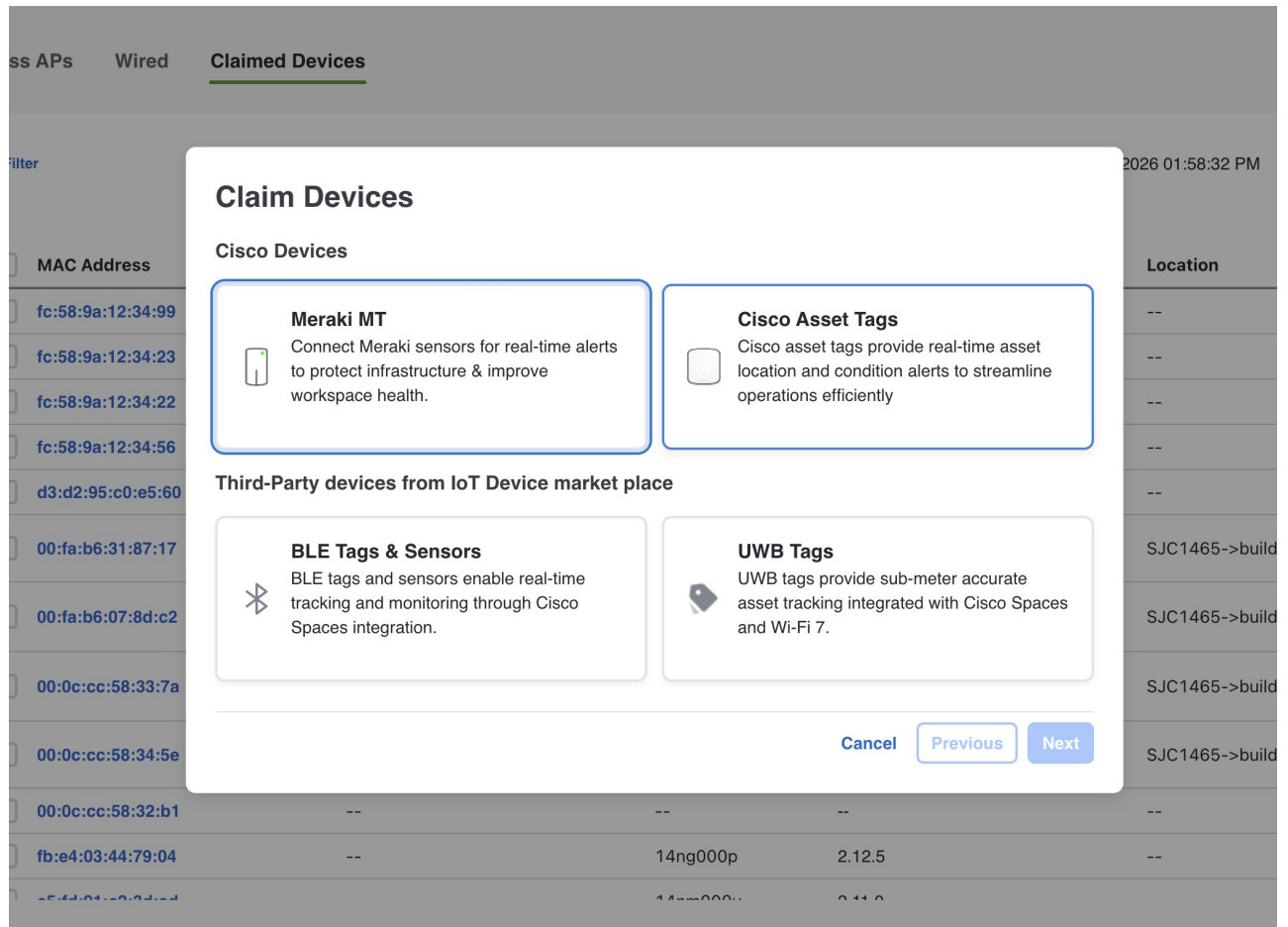


The screenshot shows the Cisco Spaces web interface. The left sidebar contains navigation links: Dashboard, Home, Location Hierarchy, Integrations, Configure, Monitor, Admin Management, IoT Services (selected), and Setup. The main content area is titled 'Inventory' and has three tabs: Wireless APs, Wired, and Claimed Devices (selected). The Claimed Devices tab displays a table of devices. The table has columns: MAC Address, Last Heard, Name, Firmware, Location, and Order ID. The table contains 10 rows of data. A 'Filter' button is on the left, and a 'Claim devices' button is on the right. The table is paginated with 100 rows per page and 1 page shown.

MAC Address	Last Heard	Name	Firmware	Location	Order ID
☐ fc:58:9a:12:34:99	--	--	--	--	--
☐ fc:58:9a:12:34:23	--	--	--	--	--
☐ fc:58:9a:12:34:22	--	--	--	--	--
☐ fc:58:9a:12:34:56	--	--	--	--	--
☐ d3:d2:95:c0:e5:60	--	16BL0002	1.6.3	--	KNKT-RHkQe
☐ 00:fa:b6:31:87:17	Jul 23rd, 2026 01:57:44 PM a minute ago	14jX0Aue	2.12.5	SJC1465->building14->Floor2	KNKT-mempG
☐ 00:fa:b6:07:8d:c2	Jul 23rd, 2026 01:58:31 PM a few seconds ago	12d004jX	2.7	SJC1465->building14->Floor2	KNKT-FygTk
☐ 00:0c:cc:58:33:7a	Jul 23rd, 2026 11:00:21 AM 3 hours ago	00:0c:cc:58:33:7a	3.5.0.813	SJC1465->building14->Floor2	--
☐ 00:0c:cc:58:34:5e	Jul 23rd, 2026 09:52:29 AM 4 hours ago	--	3.5.0.813	SJC1465->building14->Floor2	123456
☐ 00:0c:cc:58:32:b1	--	--	--	--	123456
☐ fb:e4:03:44:79:04	--	14ng000p	2.12.5	--	KNKT-x2gaQ

Step 2 Click **Claim devices**.

Figure 3: Claim Devices tab



Step 3 Click **BLE Tags & Sensors** within the **Third-Party devices from IoT Device market place** section. Click **Next**. The **Claim - BLE Tags & Sensors** tab is displayed.

Figure 4: Claim - BLE Tags & Sensors tab

qa-dnaspaces.io/devices/claim-ble-tags-and-sensor

Claim - BLE Tags & Sensors

BLE tags and sensors enable real-time tracking and monitoring through Cisco Spaces integration.

Order ID

Claim **Cancel**

Step 4 Enter the **Order ID**.

Step 5 Click **Claim**.

Configure a beacon on IoT Service

Configure beacon types and view their details as scanned by the IoT Service.

Procedure

Step 1 Choose **IoT Services > Manage > BLE Devices**.

Step 2 Click on **Claimed beacons** to view the scanned beacons.

This list is sorted by **Beacon Type**.

Step 3 Click the MAC address to open the detailed **Base MAC Address** page.

Figure 5: Base MAC address tab

The screenshot displays the Cisco Spaces IoT Service interface. On the left is a navigation menu with options: Dashboard, Home, Location Hierarchy, Integrations, Configure, Monitor, Admin Management, IoT Services, and Setup. The main area is titled 'Manage' and shows a 'Device Management' section with tabs for 'Wireless APs', 'BLE Devices', and 'Wired'. Under 'BLE Devices', there are four summary cards: '6 Claimed beacons', '1215 All Profiles', '39 Eddystone URL', and '122 Other Profiles'. A table below lists MAC addresses and their last seen times. On the right, a modal window titled 'Base Mac Address - 00:fa:b6:0a:f3:20' is open, showing configuration options for 'EDDYSTONE_URL' and 'EDDYSTONE_UID'.

Base Mac Address - 00:fa:b6:0a:f3:20

As of: Jul 23rd, 2026 02:03:43 PM [Refresh](#)

Device Information

Sensor Information

Beacon Configuration

Advance Configuration

EDDYSTONE_URL

☒ URL *

Interval(ms) *

Transmit power level (dBm) *

[Save](#) ✓

EDDYSTONE_UID

☒ Name Space *

Instance Id *

Step 4 In the **Beacon Configuration** area, you can see the configuration parameters for the beacon these:

- EDDYSTONE_URL**: Add the URL in the **URL** section. Add a interval value in the **Interval (ms)** section. Select a transmit power level in the **Transmit power level (dBm)** from the drop-down list. Click **Save**.

Figure 6: Eddystone_URL tab

EDDYSTONE_URL

☒

URL *

http://nasa.info/

Interval(ms) *

147

Transmit power level *

0

Save ✓

- b. **EDDYSTONE_UID**: Add the name in the **Name Space** section. Add a instance ID in the **Instance Id** section. Add a interval value in the **Interval (ms)** section. Select a transmit power level in the **Transmit power level** from the drop-down list. Click **Save**.

Figure 7: Eddystone_UID tab

EDDYSTONE_UID

☒

Name Space *

69dc8bf207524c2e9b2e

Instance Id *

f679c7690cc1

Interval(ms) *

147

Transmit power level *

0

Save ✓

- c. **IBEACON**: Add the UUID value in the **UUID** section. Add the major and minor values in the **Major** and **Minor** sections. Add a interval value in the **Interval (ms)** section. Select a transmit power level in the **Transmit power level** from the drop-down list. Click **Save**.

Figure 8: Ibeacon tab

IBEACON

☒

UUID *

Major *

Minor *

Interval(ms) *

Transmit power level *

Save ✓

- d. **TELEMETRY:** Toggle the **Save** button to activate telemetry.

Figure 9: Telemetry tab

TELEMETRY

☒

Save ✓

View sensor information

Allow you to view detailed sensor data for Floor Beacons that support telemetry, such as Double Tap, Movement Counter, and Precise Temperature.

Before you begin

Sensor Information is available only for Floor Beacons where Telemetry is enabled.

Procedure

Step 1 From the Cisco Spaces dashboard, choose **IoT Services** > **Manage** > **BLE Devices**.

Figure 10: BLE Devices tab

The screenshot shows the Cisco Spaces IoT Services Manage page. The sidebar on the left includes links to Dashboard, Home, Location Hierarchy, Integrations, Configure, Monitor, Admin Management, IoT Services (selected), and Setup. The main content area is titled 'Manage' and includes a 'Device Management' section. Under 'Device Management', there are tabs for 'Wireless APs', 'BLE Devices' (selected), and 'Wired'. The 'BLE Devices' tab displays several statistics: 6 Claimed beacons, 1215 All Profiles, 1002 iBeacon, 51 Eddystone UID, 40 Eddystone URL, and 122 Other Profiles. Below these statistics is a table of claimed beacons with columns for MAC Address, Last Heard, Name, Label, and Firmware.

MAC Address	Last Heard	Name	Label	Firmware
☐ 00:fa:b6:0a:f3:20	--	12oSOD1M	--	2.7.7
☐ 00:fa:b6:07:8d:c2	Jul 23rd, 2026 02:02:01 PM a few seconds ago	12d004jX	--	2.7
☐ 00:fa:b6:31:87:17	Jul 23rd, 2026 02:01:44 PM a few seconds ago	14jX0Aue	--	2.12.5
☐ 00:fa:b6:08:ad:6b	Jul 23rd, 2026 02:00:48 PM a minute ago	12n904Mu	--	2.7

Step 2 Click **Claimed beacons**.

Step 3 In the **Sensor Information** area, you can see the broadcast sensor data for the beacon that includes **Double Tap**, **Movement Counter**, **Precise Temperature** etc.

Figure 11: Sensor Information tab

The screenshot displays the Cisco Spaces IoT Services web interface. The left sidebar contains navigation options: Dashboard, Home, Location Hierarchy, Integrations, Configure, Monitor, Admin Management, IoT Services (selected), and Setup. The main content area is titled 'Manage' and includes a 'Device Management' section with tabs for Wireless APs, BLE Devices (selected), and Wired. Under BLE Devices, there are four summary cards: '6 Claimed beacons', '1215 All Profiles', '39 Eddystone URL', and '122 Other Profiles'. A table below these cards lists devices with columns for MAC Address, Last Seen, and Location. The 'Sensor Information' tab is selected, showing a detailed view for the device with MAC Address 00:fa:b6:0a:f3:20. The sensor data is organized into a grid of cards: Double Tap (1hr 42mins), Movement Counter (Duration 18+ hrs, Counter 240), Precise Temperature (29.375 °C), Battery (109 %), Tapevent (26708), Acceleration (Coordinates (X, Y, Z) 12, 57, 24; Sensitivity 16), Light (0 %), and Twobutton (Clickid2 15). The interface also shows a location hierarchy on the left: connectorqav31 > Campus-118APs > CiscoBuilding118-update > SJC1465 > building14 > sjc19.

Base Mac Address - 00:fa:b6:0a:f3:20

As of: Jul 23rd, 2026 02:03:43 PM [Refresh](#)

Device Information

Sensor Information

MAC Address	Last Seen	Location
☐ 00:fa:b6:0a:f3:20	--	--
☐ 00:fa:b6:07:8d:c2	Jul 1, 2025 10:00:00 AM	a fa
☐ 00:fa:b6:31:67:17	Jul 1, 2025 10:00:00 AM	2 mi
☐ 00:fa:b6:08:ad:6b	Jul 1, 2025 10:00:00 AM	3 mi
☐ 00:0c:cc:58:33:7a	Jul 1, 2025 10:00:00 AM	3 ho
☐ 00:0c:cc:58:33:7a	Jul 1, 2025 10:00:00 AM	3 ho

Double Tap

1hr 42mins
Mar 24th, 2025 2:08:59 AM
a year ago

Movement Counter

Duration
18+ hrs

Counter
240

Jul 4th, 2025 12:18:16 AM
a year ago

Precise Temperature

29.375 °C
Jul 4th, 2025 12:18:16 AM
a year ago

Battery

109 %
Mar 22nd, 2025 7:09:56 AM
a year ago

Tapevent

26708
Mar 24th, 2025 7:15:14 AM
a year ago

Acceleration

Coordinates (X, Y, Z) 12, 57, 24
Sensitivity 16

Jul 4th, 2025 12:18:16 AM
a year ago

Light

0 %
Mar 20th, 2025 6:50:38 PM

Twobutton

Clickid2
15

