

Global Search

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Global Search in Detect and Locate

Cisco Spaces: Detect and Locate aggregates and displays various devices in your network. These devices are clients, tags, Bluetooth Low Energy (BLE) tags, and interferers.

You can search for these devices using global search on Cisco Spaces: Detect and Locate.

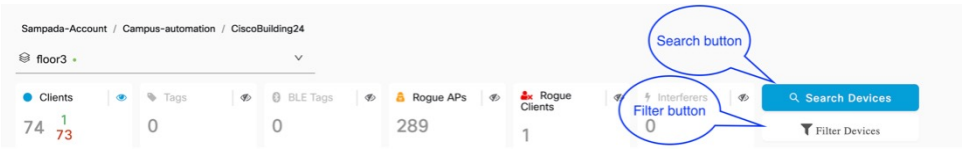
The article covers various aspects of the global search process, including

- initiating searches
- managing search results, and
- handling scenarios with no results.

Search Your Assets

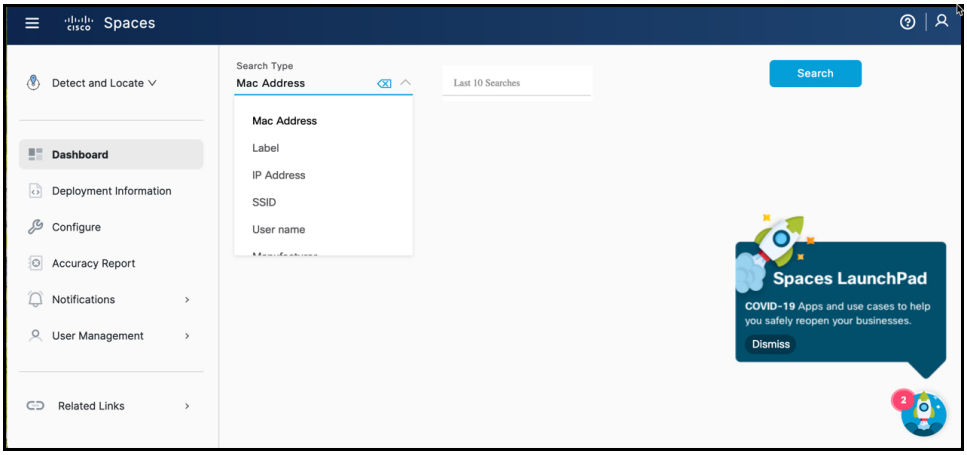
Search your assets by clicking the **Search Devices** button as shown in the image.

Figure 1: Search Devices Button



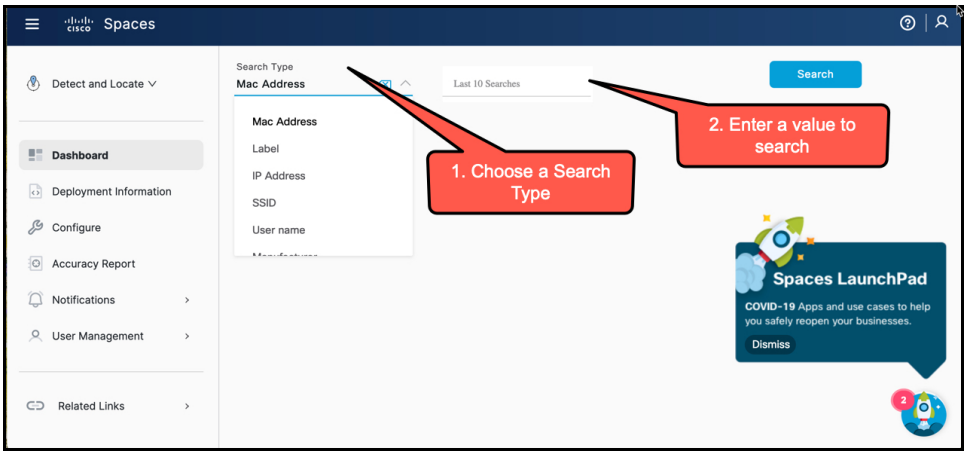
In the window that opens, you can search all assets tracked by your Cisco Spaces: Detect and Locate account.

Figure 2: Search Your Assets



Choose from the **Search Type** drop-down list and enter a value in the text field beside it.

Figure 3: Search Your Assets



You can search based on

1. MAC Address
2. Label
3. IP Address
4. SSID
5. Username, or
6. Manufacturer.

Search Rules For Each Search Types

The global search applies different rules to each search type:

1. **Exact matching** is supported only for the **Label** search. For other search types, fuzzy matching is supported.
2. **Format verification** is supported for MAC address and IP address searches. If your input values contain illegal characters or an incorrect format, you can see alerts to warn you.

The table describes each search type and the applicable search rules.

Table 1: Global Search Rules

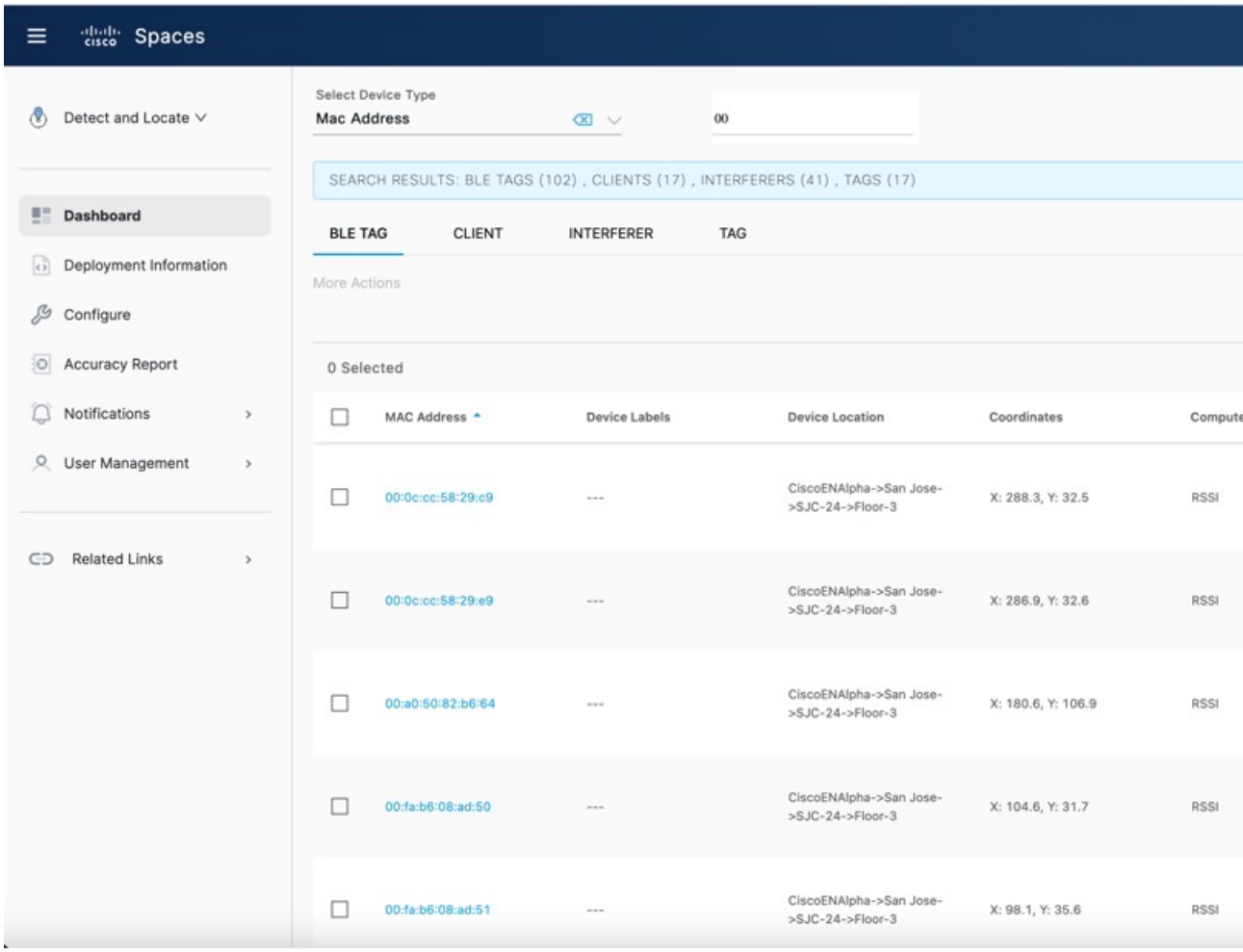
Search By	Matching Type Support	Format Verification
MAC Address	Fuzzy	YES
Label	Absolute	NO
IP Address	Fuzzy	YES for IPv4
SSID	Fuzzy	NO
Username	Fuzzy	NO
Manufacturer	Fuzzy	NO

Search Results

Search results are organized into different tabs by device type, such as BLE TAG, CLIENT, and INTERFERER. Only those device types that are included in the search results appear as tabs. If there is only one device in the search results, you can see detailed information of that device in your results.

To view detailed information of a device present in your search results, click on the device's MAC Address.

Figure 4: Search Results Organized by Device-Type Tabs

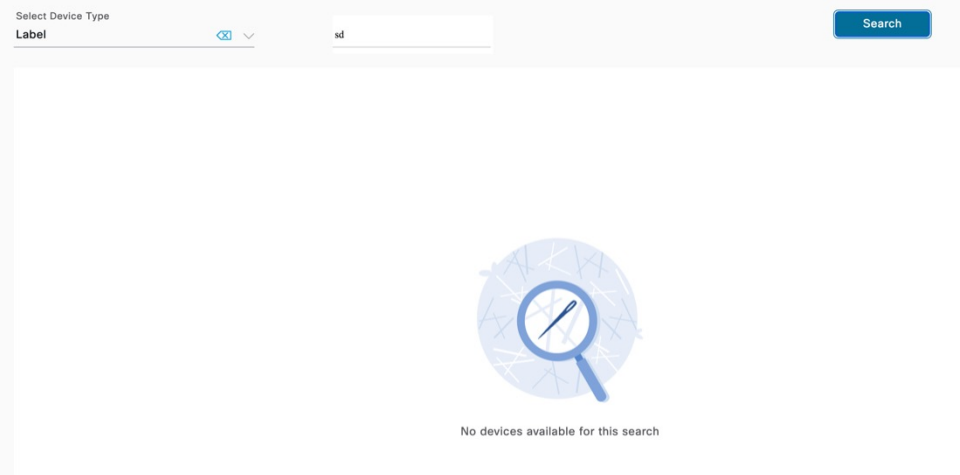


No Result Cases

If your search returns no results, you can see the *No device available for this search* message.

MAC address searches are an exception to this rule.

Figure 5: No Search Results Scenario

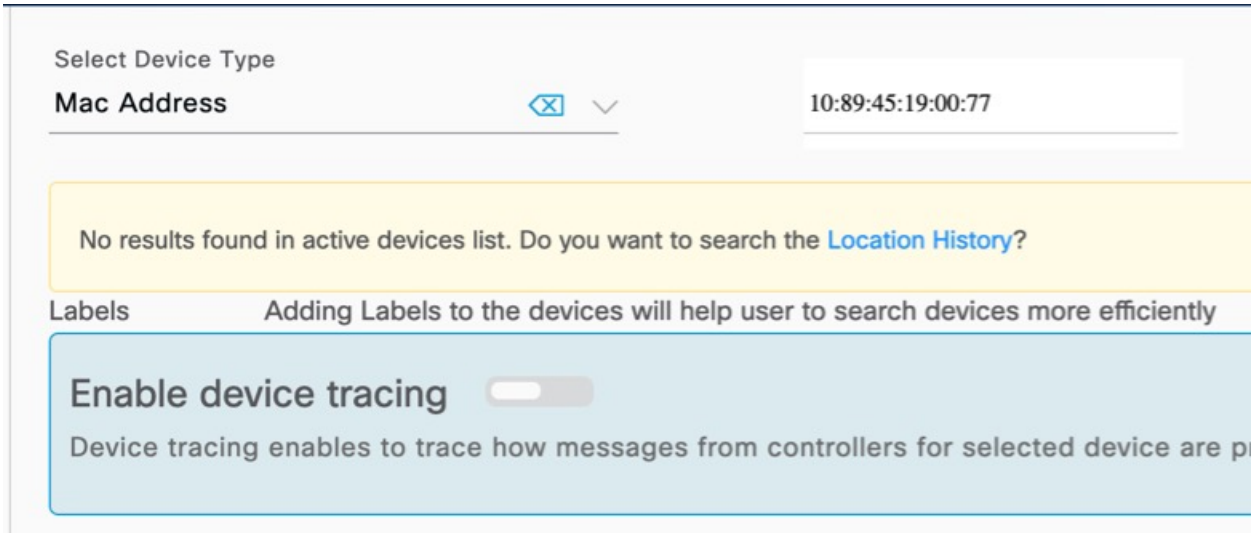


Other Options When MAC Address Not Found

If your MAC address search on the currently connected devices is unsuccessful, you can do one of the following:

- enable device tracing, or
- search the location history records.

Figure 6: Search Button



Device Tracing

You can enable device tracing for a specified MAC Address, even if the device is not currently active. Once device tracing is enabled, all debugging logs for this device are recorded. You can access these logs on the Amazon Web Services (AWS) cloud logs.

Note For activated devices, you can enable device tracing on the device's detail page, as explained in the **Navigating the Device Overview Tab** section of the Access Device Details and Location History article.

Search From Location History

Search from location history link triggers a new search on the location history records of a device. For example, if a device was previously connected to Detect and Locate, but is now disconnected, there should be a record in the location history. The **Search from location history** link searches this historical data, and if successful, displays the information.

Note For tenants with **SEE**, **EXTEND**, or **SMART_VENUES** licenses, no history can be found on the **Location History** link.

Partial Values and Invalid Characters

Your search result displays the *No result found* message for

- partial values (such as an incomplete MAC address), or
- search strings with invalid characters.

Figure 7: Searching for Partial Value or Invalid Characters



Manage Columns in the Search Results

You can customize the display of your search results by choosing to hide or show specific columns. Click the three dots located at the top-right corner of the search results table.

Note This feature is available in all tables on Detect and Locate.