Manually Quarantine an IP Address

In the event your quarantine fails, you can manually quarantine one or more IP addresses as discussed in the followint topics.

- Overview of Manually Quarantining an IP Address, on page 1
- Find an IP Address to Quarantine, on page 1
- Create a uSeg EPG Attribute, on page 2
- Verify the Manual IP Address Quarantine, on page 3

Overview of Manually Quarantining an IP Address

If a quarantine fails as discussed in earlier sections in this guide, you can manually quarantine that IP address. You must find the IP address and MAC address to quarantine. The IP address is shown in the Secure Firewall Management Center and the MAC address is shown in APIC.

Find an IP Address to Quarantine

This topic discusses how to look at correlation logs in the management center to find an IP address to quarantine.

Step 1 If you haven't done so already, log in to the management center.

Step 2 Click **Analysis** > **Correlation** > **Status**.

Step 3 Find the timestamp of entry for the unsuccessful quarantine and make note of the source IP address.

Step 4 Log in to APIC if you haven't already done so.

Step 5 On the Operations tab page, click **EP Tracker**, enter the IP address, and press Enter.

Step 6 If no information is displayed, the endpoint cannot be quarantined. If more than one IP address is displayed, look for the one in the offending tenant.

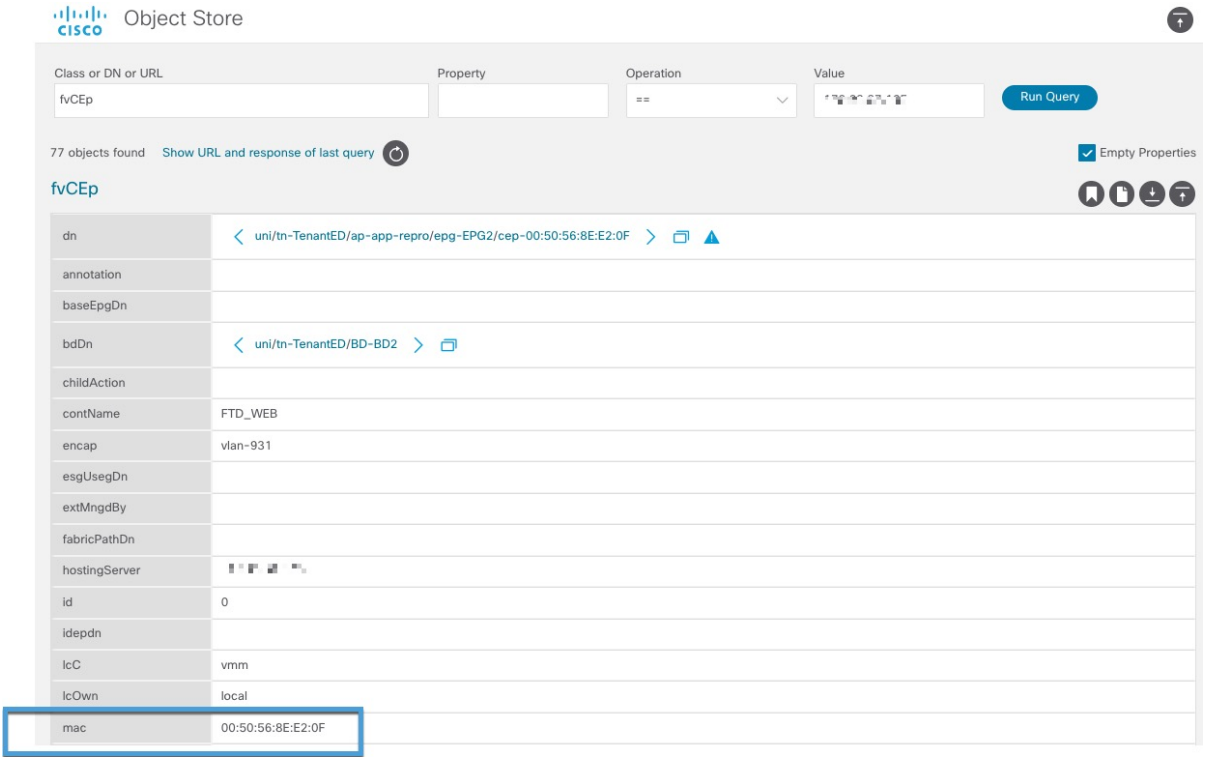
What to do next

Create a uSeg EPG Attribute, on page 2

Create a uSeg EPG Attribute

If you can identify the EPG of the endpoint that you want to quarantine, create a uSeg EPG attribute corresponding to this endpoint.

Step 1 To find the MAC address of the IP address to quarantine, go to the APIC Object Store Browser at https://*apic_IP_address*/**visore.html**. Use the IP address of the endpoint to run a query and display the MAC address. The following figure shows an example.



Step 2 Log in to APIC if you haven't already done so.

Step 3 Click **Tenants** > **ALL TENANTS**.

Step 4 Double-click the tenant that contains the endpoint to be quarantined.

Step 5 Expand **Networking** > **Bridge Domains**.

Step 6 Make note of the EPG bridge domain.

Step 7 Expand **Application Profiles** > ***profile-name*** > **Application EPGs** > ***epg-name*** and make note of the domain profile name.

Step 8 Expand **Application Profiles** and right-click **uSeg EPG**.

Step 9 Click **Create uSeg EPG**.

Step 10 Enter a name for the uSeg EPG, in the format **uSegEPG***endpoint-name*. (For example, **uSegEPG-EPG1**.)

Step 11 From the **Bridge Domain** list, click the EPG's bridge domain.

Step 12 Click **Next**.

Step 13 On the Domains page, click **Add** (+).

Step 14 From the **Domain Profiles** list, click the domain profile.

Step 15 Set **Deployment Immediacy** to **Immediate**.

Step 16 Set **Resolution Immediacy** to **Immediate**.

Step 17 Add an IP filter attribute by clicking **Add** (+) on the lower right and entering the IP address for the name and filter.

Step 18 Click **Update** and then click **Finish**.

If the uSeg EPG is not displayed, refresh your browser page.

Step 19 Click **uSeg Attributes**.

Step 20 Click **Add** (+)

Step 21 Add attributes for the quarantined host's IP address and MAC address with an operator of **Match Any**.

For the IP filter, use the IP address as the name. For MAC filter, use the IP address plus an underscore and the last three octets of the MAC address as a name.

Step 22 Right-click **Domains** (VMs and Bare Metals) under the newly created uSeg EPG, and add a domain association with the same name and domain type as the original EPG.

Step 23 For Bare Metal, right-click **Static Leafs**, and click **Statically Link With Node**.

Step 24 Click **Submit**.

What to do next

Verify the Manual IP Address Quarantine, on page 3

Verify the Manual IP Address Quarantine

Verify that no traffic can go into or out from the quarantined endpoint.

Before you begin

Step 1 Perform some task such as pinging a quarantined IP address.

The operation should fail.

Step 2 If the ping succeeds, verify the IP and MAC addresses of the endpoint to quarantine and try again.