Local Firehose

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Local Firehose Service

The partner's location engine must be configured with the IP address of the connector.

If two connectors are configured in high-availability (either active-active or VIP-paired mode), ensure that both connector IP addresses are configured on the partner's location engine. In such a configuration, you can see that Radio Frequency Identification (RFID) tag information is received on both the connector channels, but Bluetooth Low Energy (BLE) tag information is received only on the Active connector channel.

Warning Do not configure the virtual IP address (VIP) of VIP-paired connectors on the partner's location engine.

IoT Service supports high availability only in the VIP-paired mode.

Note For creation and activation of a partner app, refer to the On-Prem Partner App

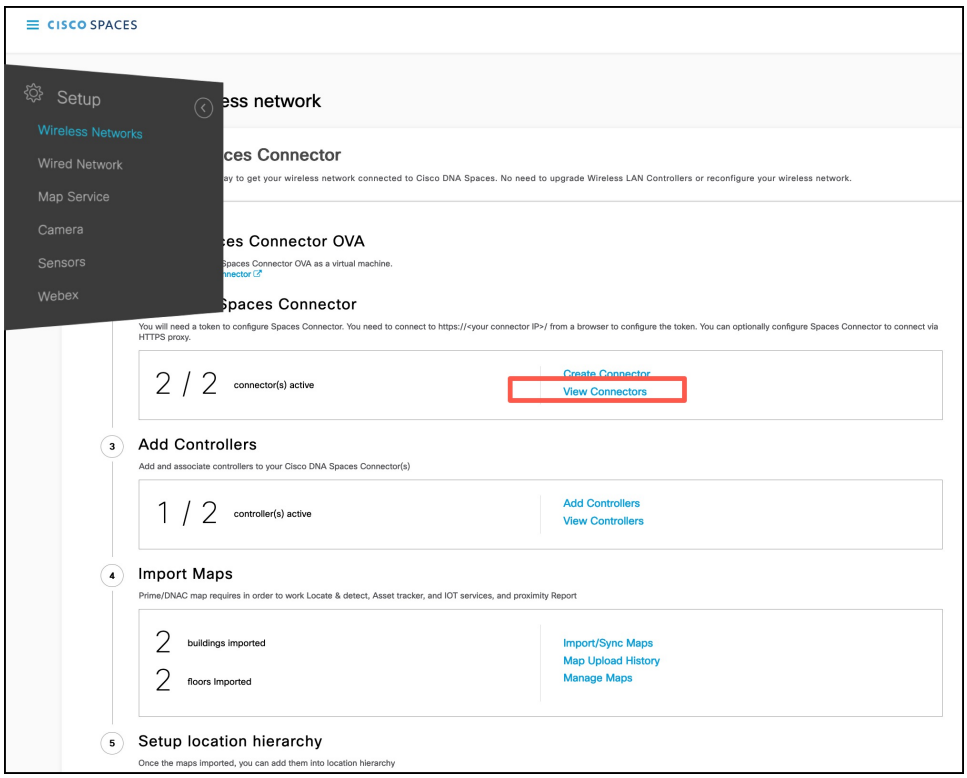
Configure Local Firehose Service

Procedure

Step 1 In the Cisco Spaces dashboard left navigation pane, click **Setup** and choose **Wireless Networks**.

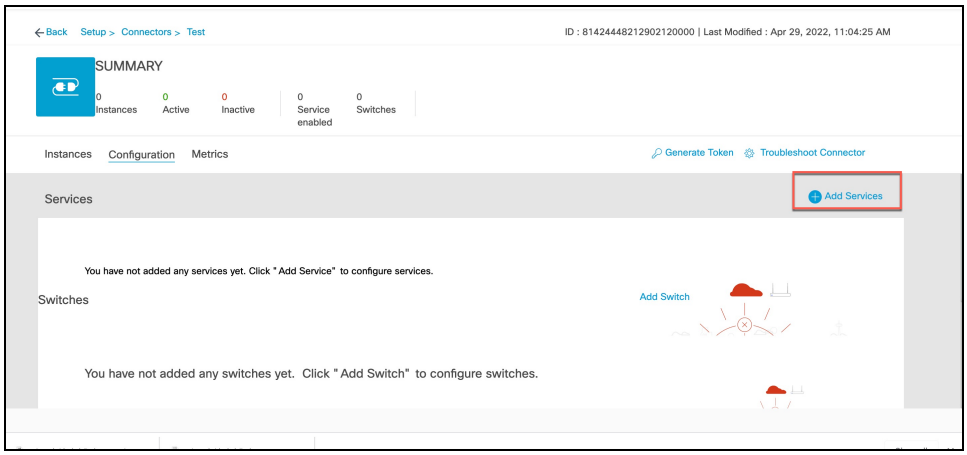
Step 2 In the **Connect your wireless network** window that is displayed, go to the **Step 2** area and click **View Connectors**.

Figure 1: View Connectors



Step 3 In the connector details window that is displayed, choose a connector and click **Add Services**.

Figure 2: Add Service



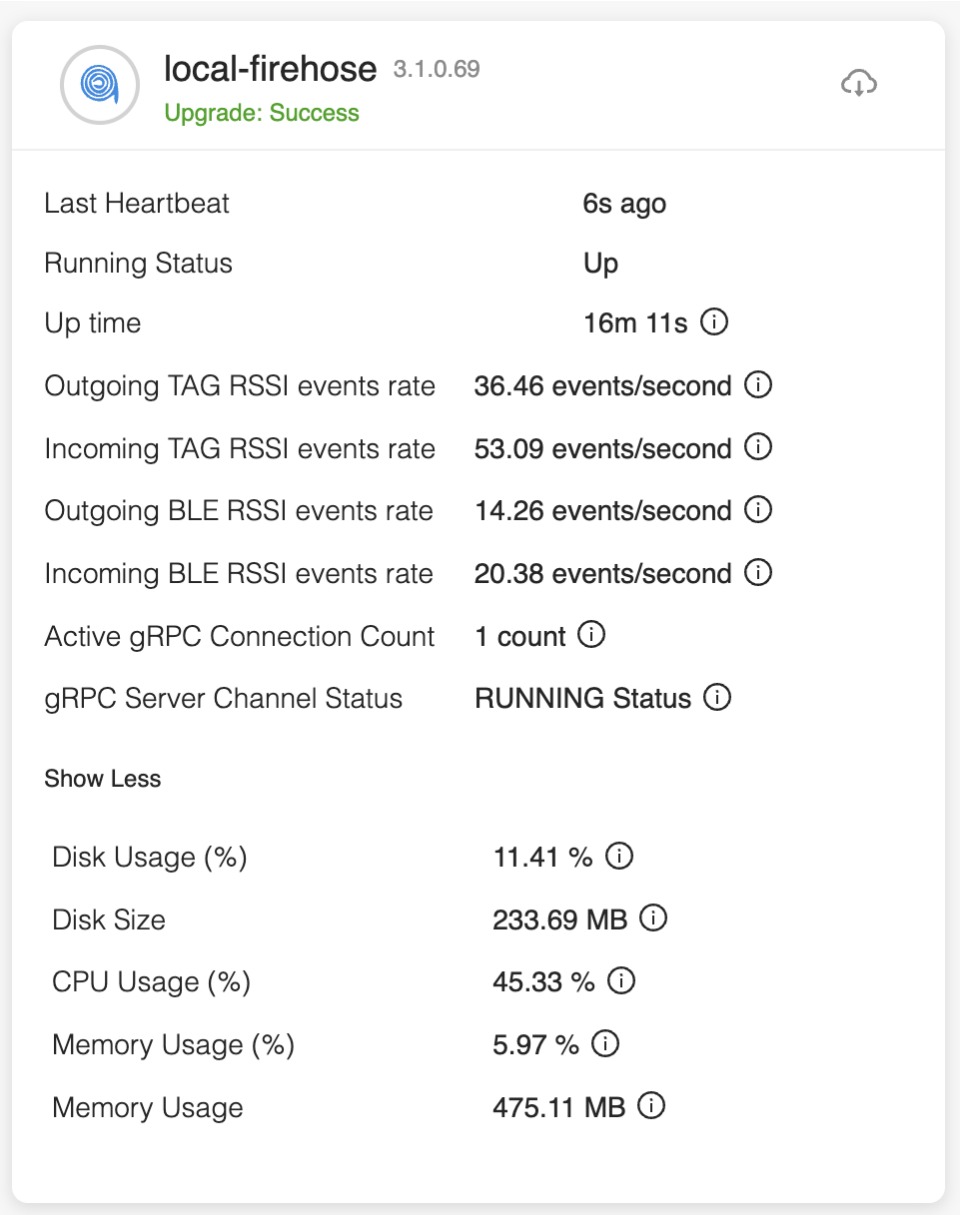
Step 4 In the **Add Service** window that is displayed, choose **local-firehose** and click **Add**.

Note To receive events such as Device_RSSI for Received Signal Strength Indicator (RSSI)-based tags and Device_BLE events for Bluetooth Low Energy (BLE) tags, ensure that **location** and **iot-services** services are also added.

You can see that the number of services enabled has increased.

Step 5 Login to the Connector GUI. Scroll downwards to the **local-firehose** tile. Verify if the running status is **Up**.

Figure 3: local-firehose



Connector Dashboard: Local Firehose Service

Figure 4: Local firehose service: Details on the Connector

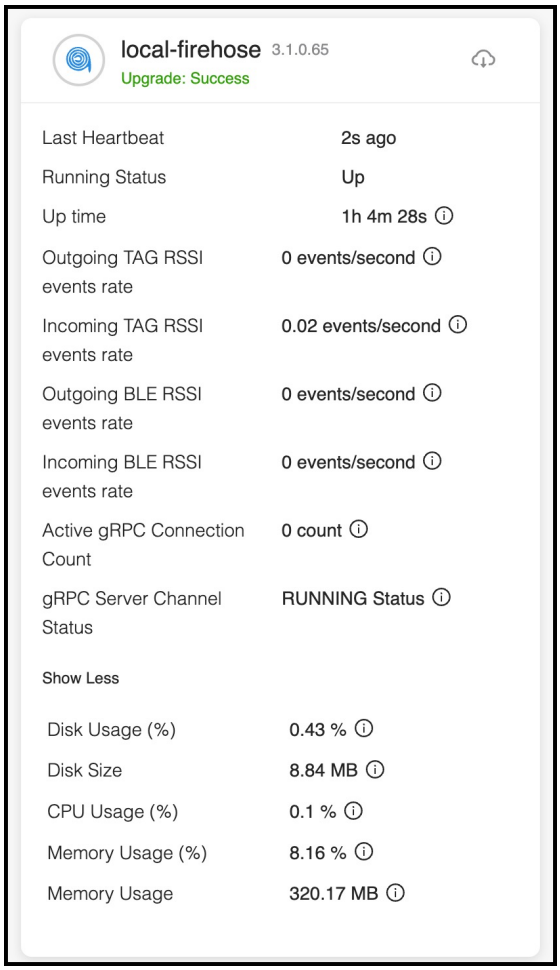


Table 1: Local Firehose Service Metrics

Display Field	Information
Active gRPC connection count	Number of connections from the partner's location engine
Outgoing TAG RSSI events rate	Number of RFID RSSI events sent from local-firehose-service to the partner's location engine
Incoming TAG RSSI events rate	Number of Radio Frequency Identification (RFID) Received Signal Strength Indicator (RSSI) events received from the location-service to local-firehose-service

Display Field	Information
Outgoing BLE RSSI events rate	Number of BLE RSSI Events sent from local-firehose-service to partner's location engine
Incoming BLE RSSI events rate	Number of Bluetooth Low Energy (BLE) RSSI Events received from iot-service to local-firehose- service