RUCKUS One Online Help (index.html)

Search   🔍

Network Control Settings

In the Wi-Fi Configuration page, you can configure the Network Control services such as Syslog Server, mDNS Fencing, AP SNMP, and Location Based Service that you want to provide in a venue.

Complete the following steps to customize the Network Control settings of a venue.

1. On the navigation bar, click Venues.
   The Venues page is displayed.

2. Click the check box for a specific venue and click Edit. Alternatively, click on a specific venue name then click the Configure button.

3. Select the Wi-Fi Configuration tab and Network Control sub-tab.
   The Network Control sub-tab is displayed. Within the Network Control sub-tab, customize the services of your preference and click Save. Refer to the following instructions to configure each of the available network control services:
   - *Syslog Server*

   - *Configuring an mDNS Fencing Profile*

   - *Configuring an SNMP Agent Profile*

   - *Configuring IoT Controller*

   - *Configuring Location Based Service*

   Network Control Sub-tab

Configuring a Syslog Server Policy

1. To customize the Syslog Server, you must first toggle the Enable Server switch to ON. By default, Syslog Server is set to OFF.

2. Select a Syslog Server profile from the drop-down list or click Add Server Profile to add a new Syslog Server profile. Refer to *Creating a Syslog Server Policy (GUID-DC4D6477-008B-43A4-B0A2-97D9ECF08D5A.html)* to create a profile.

Configuring an mDNS Fencing Profile

1. To enable mDNS Fencing, toggle the mDNS Fencing switch to ON. By default, mDNS Fencing is set to OFF.

2. Click Add Service to add a new mDNS Fencing Profile.
   The Add Service sidebar is displayed.

   Add Service Sidebar

Add Service   ✕

Service *

[Select service...   ▼]

Description

[   ]

Wireless Connection   ⬤◯

Wired Connection   ⬤◯

Custom Mapping   ⬤◯
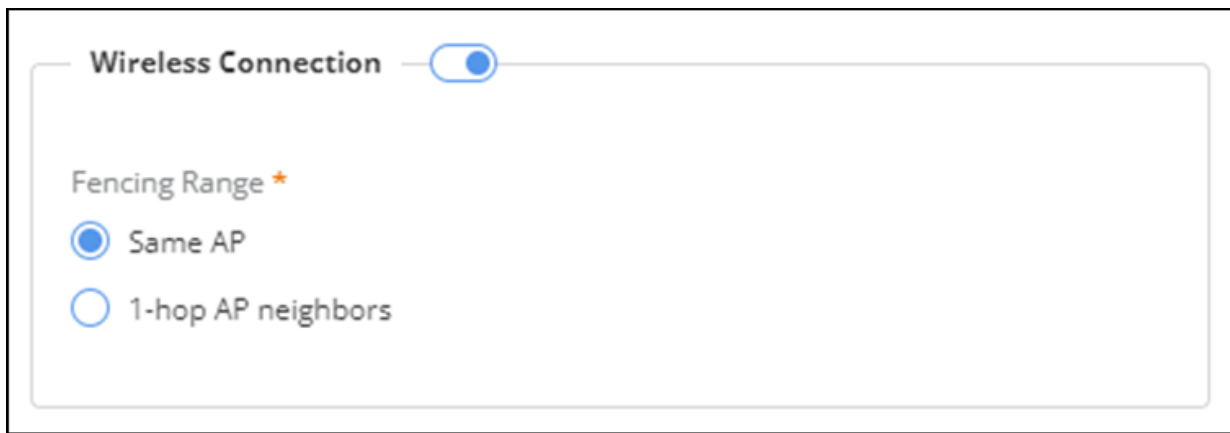
                                   [Cancel]   [Add]

3. Complete the following fields:

- Service: Select a service from the drop-down list.

- Description (Optional): Enter the description about the server.

- Wireless Connection: Toggle the button to ON to enable the wireless connection fencing range.
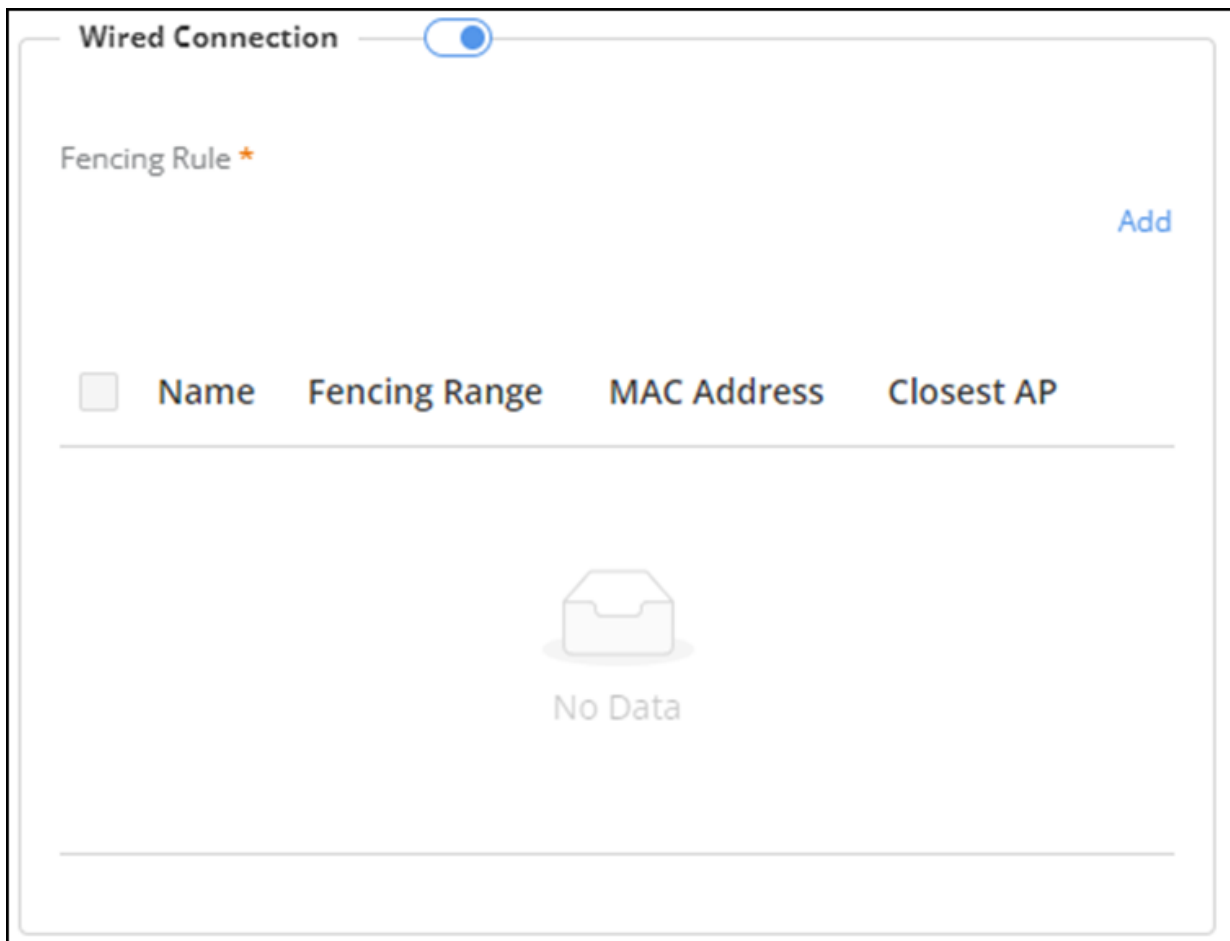
  Wireless Connection

Fencing Range: Select one of the following options.
  ○ Same AP (default selection)

  ○ 1-hop AP neighbors

- Wired Connection: Toggle the button to ON to enable the wired connection fencing range.

Wired Connection

a. Click Add to add a fencing rule for wired connections.

Add Wired Connection Dialog Box

Add Wired Connection   ✕

Rule Name *

[   ]

Fencing Range *

🔘 Same AP

⭘ 1-hop AP neighbors

Device MAC Address (0/4) *

                                                                    Add

MAC Address
_____

No Data
_____

Closest AP *

[▼]

You can choose only APs that already connected to the cloud

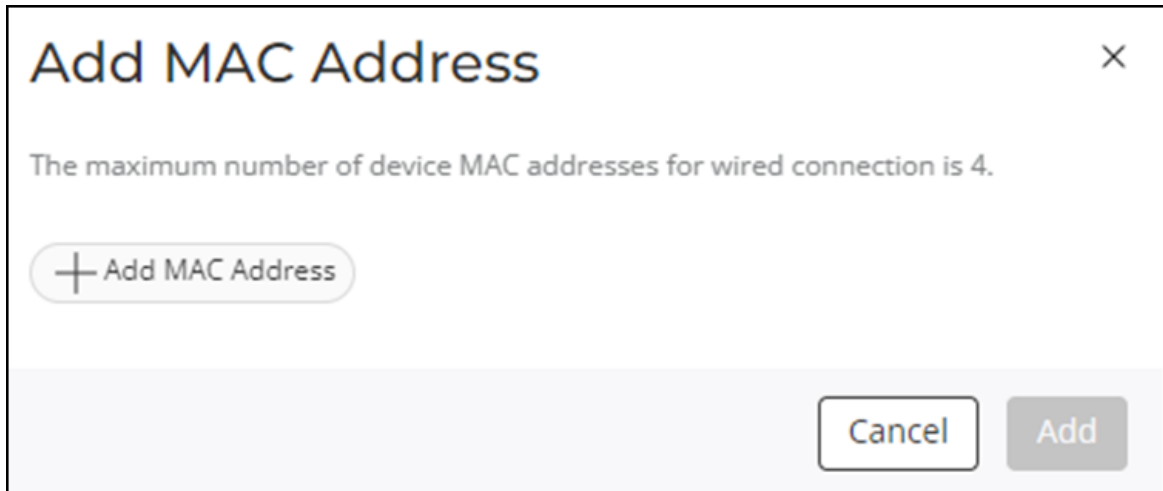   [Cancel] [Add]

b. The Add Wired Connection dialog box is displayed, complete the following fields:
  ◦ Rule Name: Enter a rule name.

  ◦ Fencing Range: Select one of the following options.
    ◦ Same AP

    ◦ 1-hop AP neighbors

  ◦ MAC Address: Complete the following steps to add a MAC address:
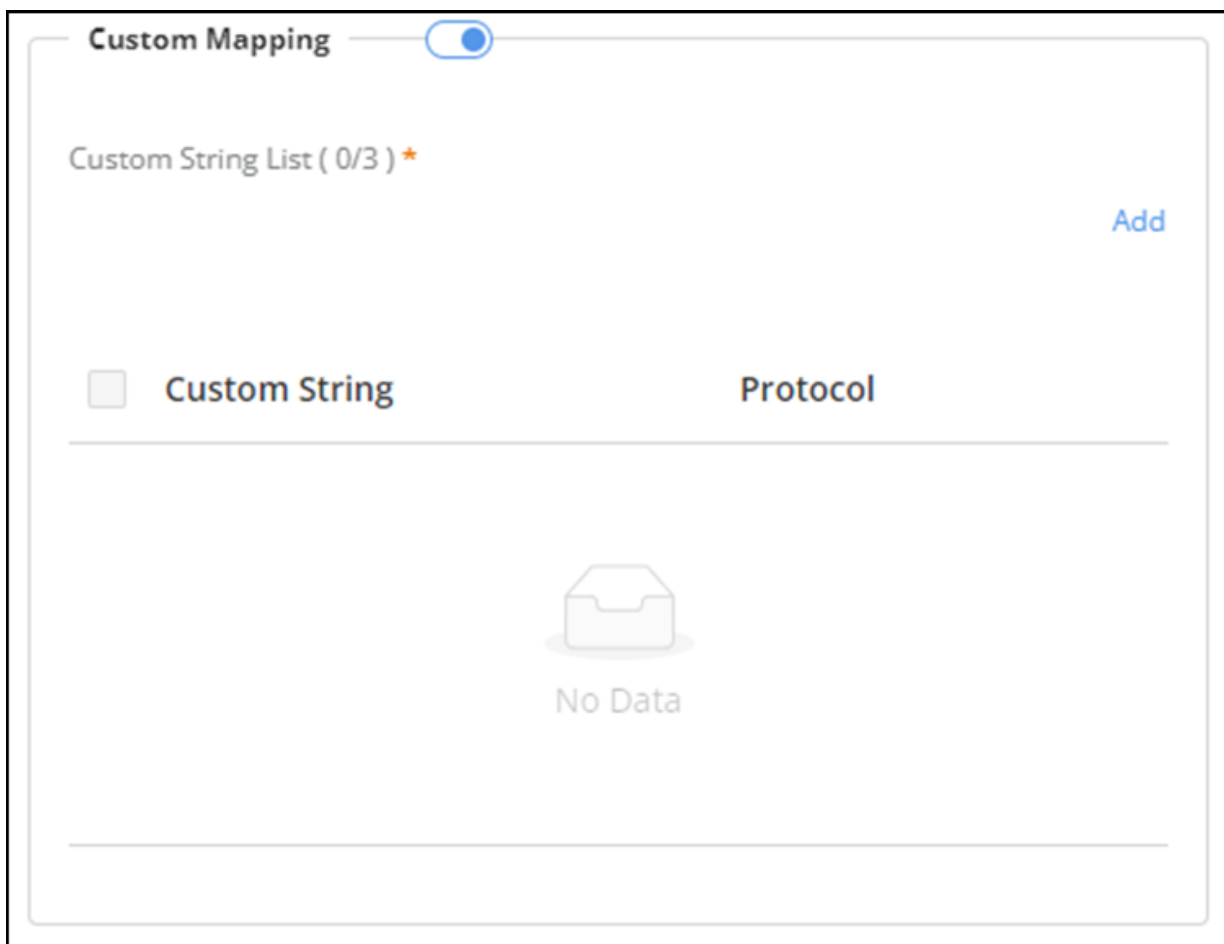   Note: You can add up to four MAC addresses.

1) Click Add.

2) The Add MAC Address dialog box is displayed.

Add MAC Address

3) Click +Add MAC Address and enter the MAC address.

4) Click Add. The added MAC address is displayed in the MAC Address table.

c. Closest AP: Select an AP from the drop-down list.

Note: You can choose only APs that are already connected to the RUCKUS One.

d. Click Add.

- Custom Mapping: Toggle the button to ON to enable custom mapping. Select a profile from the table or add a custom mapping.
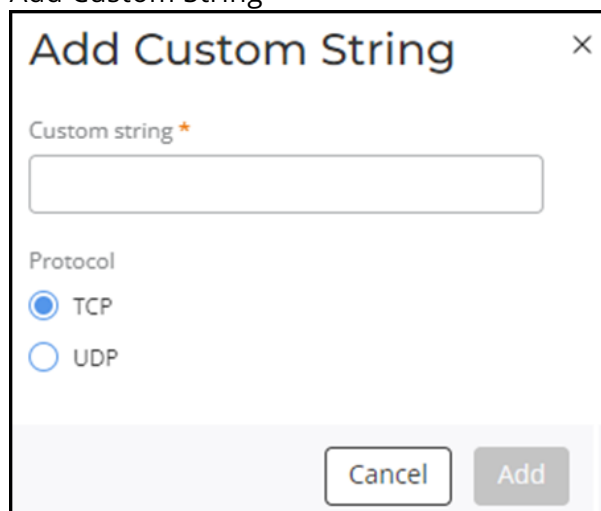
Note: You can add up to three Custom String Lists.

Custom Mapping

a. Click Add to add a custom string.

Add Custom String

b. The Add Custom String dialog box is displayed, complete the following fields:
   ○ Custom String: Enter a custom string name.

   ○ Protocol: Select one of the following options.
      ○ TCP

○ UDP

c. Click Add.

4. Click Add.

Configuring an SNMP Agent Profile

1. To enable AP SNMP, toggle the Use AP SNMP switch to ON. By default, AP SNMP is set to OFF.

2. Select an SNMP Agent profile from the drop-down list or click Add to add an SNMP Agent profile. Refer to *Creating an SNMP Agent Profile (GUID-03C2D6AB-33FA-4054-BF0E-17DFF4AFD86F.html)* to create an SNMP profile.

Configuring IoT Controller

1. To enable IoT Controller, toggle the Enable IoT Controller switch to ON. By default, Enable IoT Controller is set to OFF.

2. VRIoT IP Address/FQDN: Enter either an IPv4 address or an FQDN for the RUCKUS IoT Controller.
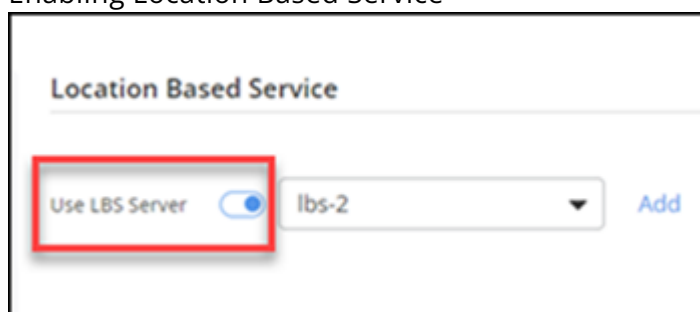
Enabling IoT Controller

Note:
- RUCKUS One does not support IPv6.

- IoT MQTT integration supports AP firmware version 7.1.0.510.1005 and later versions.

- IoT Controller configuration is only applicable to APs with IoT support.

Configuring Location Based Service

1. In the Location Based Service section, toggle the Use LBS Server switch to ON. By default, Use LBS Server is set to OFF.

   Enabling Location Based Service

2. Select an LBS server profile from the list or click Add to add an LBS server profile. You can also configure an LBS server profile from Network Control > (and then)Policies & Profiles > (and then)Location Based Service Server. Refer to *Adding and Managing an LBS Server Profile (GUID-B68AACA6-9B98-44B4-9E4A-2BAAB895A63A.html)* for more information.