

SINGLE SWITCH SOLUTION

CONTACTING TECH SUPPORT

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INFORMATION

- This setup is valid for both the **210** and **310** model lines.
- Switch must be running firmware v1.2.00 or later.

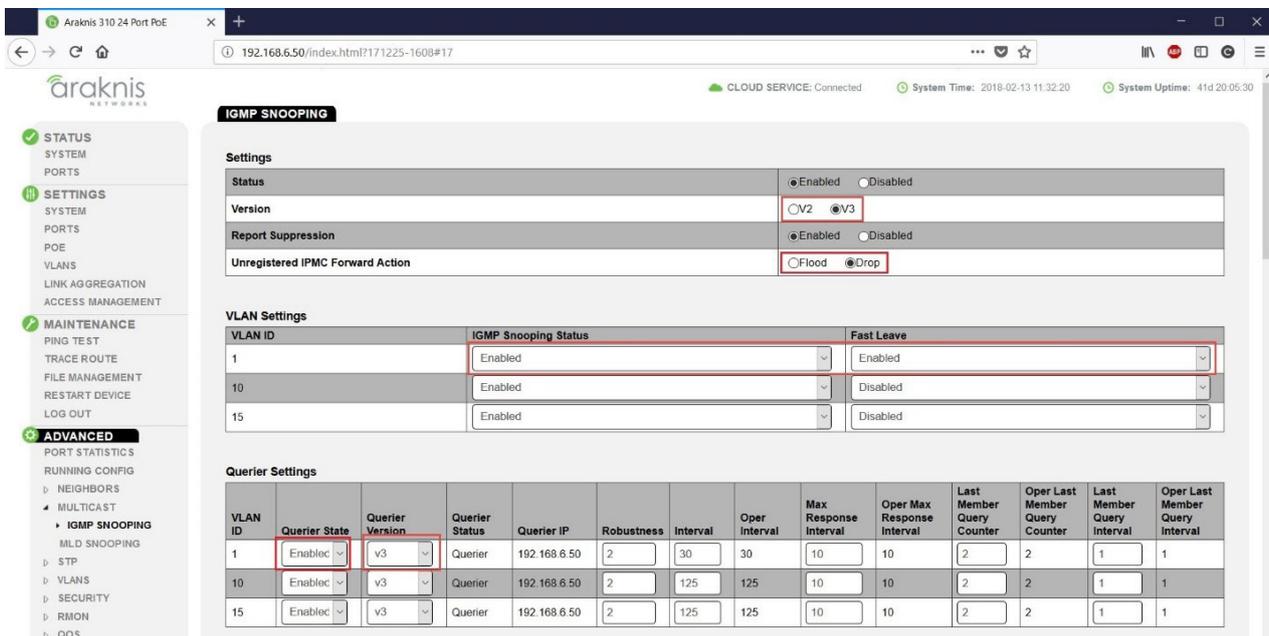
Step 1: Switch Setup

Settings

1. Go to **Advanced > Multicast > IGMP Snooping** and set **IGMP Snooping** settings to **v3**.
2. Set **Unregistered IPMC Forward Action** to **Drop**.

VLAN Settings

3. Go to **Advanced > Multicast > IGMP Snooping** and set **status** to **Enabled**.
4. Set **Fast Leave** to **Enabled**.
5. Set **Querier State** to **Enabled**.
6. Set **Querier Version** to **v3**, then go to the Web interface of the Crestron NVX to complete network settings.



IGMP SNOOPING

Settings

Status	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Version	<input type="radio"/> V2 <input checked="" type="radio"/> V3
Report Suppression	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Unregistered IPMC Forward Action	<input type="radio"/> Flood <input checked="" type="radio"/> Drop

VLAN Settings

VLAN ID	IGMP Snooping Status	Fast Leave
1	Enabled	Enabled
10	Enabled	Disabled
15	Enabled	Disabled

Querier Settings

VLAN ID	Querier State	Querier Version	Querier Status	Querier IP	Robustness	Interval	Oper Interval	Max Response Interval	Oper Max Response Interval	Last Member Query Counter	Oper Last Member Query Counter	Last Member Query Interval	Oper Last Member Query Interval
1	Enabled	v3	Querier	192.168.6.50	2	30	30	10	10	2	2	1	1
10	Enabled	v3	Querier	192.168.6.50	2	125	125	10	10	2	2	1	1
15	Enabled	v3	Querier	192.168.6.50	2	125	125	10	10	2	2	1	1

Step 2: NVX Network Settings

IMPORTANT: All instructions to complete setup are not included here. Contact Crestron for complete NVX setup instructions.

1. Click **Network Settings** on the NVX and set a static IP.
2. Set the NVX to **IGMP v3**.

The screenshot displays the Crestron NVX Network Settings interface. On the left is a sidebar menu with the following items: STATUS, STREAM, ROUTING, SUBSCRIPTIONS, INPUTS, OUTPUT, ON-SCREEN DISPLAY, USB, NETWORK (highlighted in blue), and DEVICE. The main content area is titled 'Network Setting' and contains the following configuration fields:

- Host Name: LG-Rx
- Domain Name: localdomain
- Adapter 1
 - DHCP Enabled: Off (indicated by a red box)
 - IP Address: 192.168.4.163
 - Subnet Mask: 255.255.255.0
 - Default Gateway: 192.168.4.1
 - DNS Server 1: 192.168.4.1
 - DNS Server 2: 8.8.8.8

Below the Adapter 1 settings, there is a section for '802.1x Configuration' and a 'Network Interface' section. The 'Network Interface' section contains the 'IGMP Support' setting, which is set to 'V3' (indicated by a red box).