

## 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.

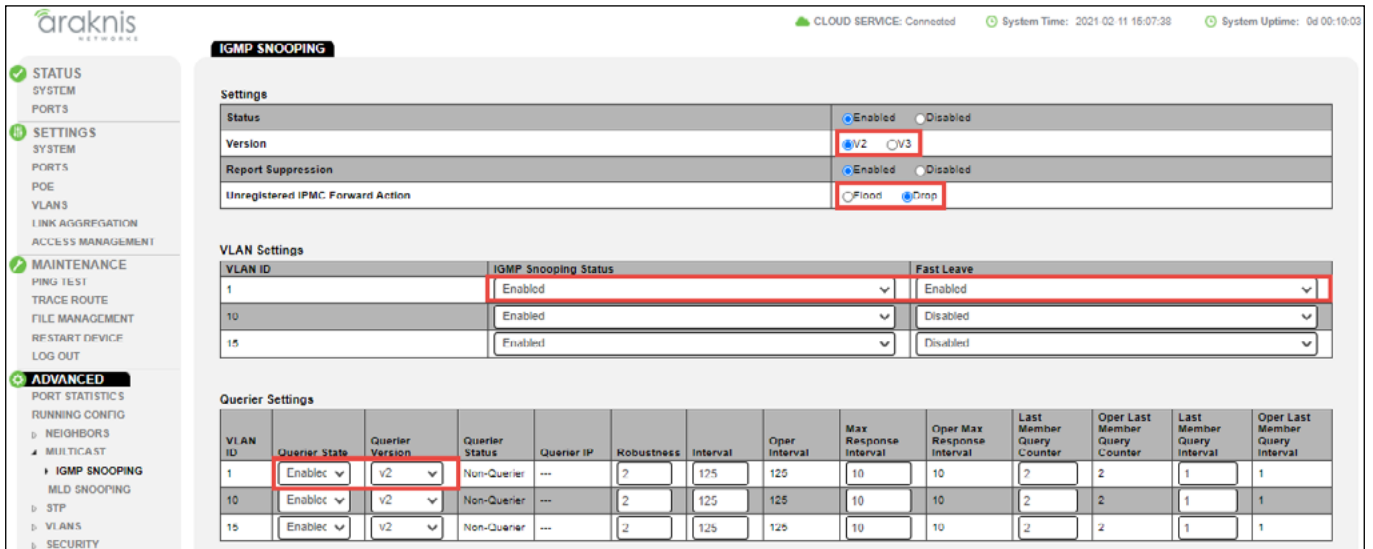
### Step 1: Switch Setup

#### Settings

1. Go to **Advanced > Multicast > IGMP Snooping** and set **IGMP Snooping** settings to **v2**.
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 **v2**, 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 checked="" type="radio"/> v2 <input 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	v2	Non-Querier	---	2	125	125	10	10	2	2	1	1
10	Enabled	v2	Non-Querier	---	2	125	125	10	10	2	2	1	1
15	Enabled	v2	Non-Querier	---	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 v2**.

The screenshot shows the Crestron NVX web interface. On the left is a dark sidebar with a menu containing: STATUS, STREAM, ROUTING, INPUTS, OUTPUT, ON-SCREEN DISPLAY, USB, NETWORK (highlighted in blue), and DEVICE. The main content area is titled 'Network Setting' and includes a 'Revert' button and a 'Save Changes' button. The settings are as follows:

- Host Name: DM-NVX-350-00107F9I
- Domain Name: localdomain
- Primary Static DNS: 1.1.1.1
- Secondary Static DNS: 1.0.0.1

Under the 'Adapter 1' section:

- DHCP: Disabled (toggle switch)
- IP Address: 192.168.4.160
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.4.1

Below this is the '802.1x Configuration' section with 'Revert' and 'Save Changes' buttons. Underneath is the 'Network Interface' section with 'IGMP Support' set to 'V2'.