



Luxul Configuration

Single and Multiple Switches

The EVO-IP HDMI over IP System has been tested and confirmed to work with Luxul AMS and XMS Switches. Below are screenshots showing the configuration needed to get the system up and running. These have been tested on Luxul switches with FW 4.0.8 and 4.1.1 installed.

Single Switch Configuration:

1. Enable IGMP Snooping by going to: Configuration->IPMC->IGMP Snooping->Basic Configuration. Save the setting once finished.
2. Disable Unregistered IPMCv4 Flooding
3. Enable Fast Leave on all ports

NOTE: When using a control system, for best results ensure the port that is connected to an external (outside of EVO-IP) network is selected as the Router Port.

The screenshot shows the Luxul web interface for configuration. The top left has the Luxul logo and tagline 'Simply Connected'. The top right shows 'Model: XMS-2624P' and 'Firmware Version: v4.0.8'. The left sidebar contains a navigation menu with categories like Configuration, Monitor, and Green Ethernet. The main content area is titled 'IGMP Snooping Configuration' and is divided into two sections: 'Global Configuration' and 'Port Related Configuration'.

Global Configuration

Snooping Enabled	<input checked="" type="checkbox"/>	1
Unregistered IPMCv4 Flooding Enabled	<input type="checkbox"/>	2
IGMP SSM Range	232.0.0.0	/ 8
Leave Proxy Enabled	<input type="checkbox"/>	
Proxy Enabled	<input type="checkbox"/>	

Port Related Configuration

Port	Router Port	Fast Leave	Throttling
*	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<>
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited

1. Next Add and enable an IGMP Snooping VLAN Configuration by going to Configuration->IPMC->IGMP Snooping->VLAN Configuration.

- Click on **Add New IGMP VLAN**
- Provide **VLAN ID** (Shown below as **1**)
- Check **Snooping Enabled**
- Save the setting once finished.

LUXUL Simply Connected

Model: AMS-1208P
Firmware Version: v4.0.6

IGMP Snooping VLAN Configuration

Start from VLAN 1 with 20 entries per page.

Delete	VLAN ID	Snooping Enabled	Querier Election	Querier Address	Compatibility	PRI	RV	QI (sec)	QRI (0.1 sec)	LLQI (0.1 sec)	URI (sec)
<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.0.0.0	IGMP-Auto	0	2	125	100	10	1

Add New IGMP VLAN (1)
Save (4) **Reset**

* for best results and to prevent you network from being flooded, enter the IP address of the EVOIPCTL1 control box in the Querier Address field and click save.

3. To make sure you switch settings are saved and come up after power is cycles, go to **Administration->Configuration-> Save Startup Config**, then click on **Save Configuration**.



Save Running Configuration to startup-config

Please note: The generation of the configuration file may be time consuming, depending on the amount of non-default configuration.

[Save Configuration](#)

Multi-Switch Configuration

The EVO-IP HDMI over IP System has been tested and confirmed to work with Luxul AMS and XMS Switches. Below are two methods and screenshots showing the configuration needed to get the system up and running with multiple switches.

Setting Up Core/Extended Switches

For static setups that do not require switching of inputs (transmitters) and outputs (receivers) across different switches but still would like to maintain the control and remote monitoring capabilities of the system. Depending on the resolution and settings of the source on the transmitter, bitrate can vary between 250Mbps to 850Mbps (4K and HDR applications) when set to **AUTO** on the **TX Speed** setting in **Setup**. If additional bandwidth is needed based on your installation or you have experiencing issues, see the **Create an Aggregate Link** section below.

NOTE: The **TX SPEED** setting can also be adjusted and fixed from 10Mbps to 200Mbps

Core Switch

1. Enable IGMP Snooping and disable IPMCv4 Flooding by going to: Configuration->IPMC->IGMP Snooping->Basic Configuration. Save the setting once finished.

LUXUL
Simply Connected

Model: XMS-2624P
Firmware Version: v4.0.8

IGMP Snooping Configuration

Global Configuration

Snooping Enabled	<input checked="" type="checkbox"/>	1
Unregistered IPMCv4 Flooding Enabled	<input type="checkbox"/>	2
IGMP SSM Range	232.0.0.0	/ 8
Leave Proxy Enabled	<input type="checkbox"/>	
Proxy Enabled	<input type="checkbox"/>	

Port Related Configuration

Port	Router Port	Fast Leave	Throttling
*	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<>
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited

2. Next Add and enable an IGMP Snooping VLAN Configuration by going to Configuration->IPMC->IGMP Snooping->VLAN Configuration.

- Click on **Add New IGMP VLAN**
- Provide **VLAN ID** (Shown below as **1**)
- Check **Snooping Enabled**
- Under **Querier Address**, enter the IP address of the Control Box
- For **Compatibility**, select **IGMPv2** from the dropdown menu
- Save the setting once finished

LUXUL
Simply Connected

Model: AMS-1206P
Firmware Version: v4.0.6

IGMP Snooping VLAN Configuration

Start from VLAN 1 with 20 entries per page.

Delete	VLAN ID	Snooping Enabled	Querier Election	Querier Address	Compatibility	PRI	RV	QI (sec)	QRI (0.1 sec)	LLQI (0.1 sec)	URI (sec)
<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.0.0.0	IGMP-Auto	0	2	125	100	10	1

Add New IGMP VLAN **Save** **Reset**

3. To make sure you switch settings are saved and come up after power is cycles, go to **Administration->Configuration->Save Startup Config**, then click on **Save Configuration**.

LUXUL
Simply Connected

Save Running Configuration to startup-config

Please note: The generation of the configuration file may be time consuming, depending on the amount of non-default configuration.

Save Configuration

Extended Switch(es)

When setting up an additional switch, it is important to change the default IP address of the switches that come AFTER the Core Switch so that there is not an IP conflict.

Change Switch IP Address

1. Go to Configuration
2. Quick Setup
3. IP->IP Interfaces
4. Change the IP address provided in the IPv4 field
5. Click Save
6. To make sure you switch settings are saved and come up after power is cycles, go to **Administration>Configuration-> Save Startup Config**, then click on **Save Configuration**.

Enable IGMP Snooping

1. Enable IGMP Snooping by going to: Configuration->IPMC->IGMP Snooping->Basic Configuration. Save the setting once finished.

The screenshot shows the Luxul web interface for an AMS-1208P switch. The left sidebar contains a navigation menu with categories like Configuration, Monitor, Tools, and Administration. The main content area is titled 'IGMP Snooping Configuration' and is divided into two sections: 'Global Configuration' and 'Port Related Configuration'. In the 'Global Configuration' section, the 'Snooping Enabled' checkbox is checked and circled in red. The 'Port Related Configuration' section is a table with columns for Port, Router Port, Fast Leave, and Throttling. The table shows ports 1 through 11, all with 'unlimited' throttling.

Port	Router Port	Fast Leave	Throttling
1	<input type="checkbox"/>	<input type="checkbox"/>	unlimited
2	<input type="checkbox"/>	<input type="checkbox"/>	unlimited
3	<input type="checkbox"/>	<input type="checkbox"/>	unlimited
4	<input type="checkbox"/>	<input type="checkbox"/>	unlimited
5	<input type="checkbox"/>	<input type="checkbox"/>	unlimited
6	<input type="checkbox"/>	<input type="checkbox"/>	unlimited
7	<input type="checkbox"/>	<input type="checkbox"/>	unlimited
8	<input type="checkbox"/>	<input type="checkbox"/>	unlimited
9	<input type="checkbox"/>	<input type="checkbox"/>	unlimited
10	<input type="checkbox"/>	<input type="checkbox"/>	unlimited
11	<input type="checkbox"/>	<input type="checkbox"/>	unlimited

2. Next Add and enable an IGMP Snooping VLAN Configuration by going to Configuration->IPMC->IGMP Snooping->VLAN Configuration.

- Click on **Add New IGMP VLAN**
- Provide **VLAN ID** (Shown below as 1)
- Check **Snooping Enabled**

EVOLUTION

- Under **Querier Address**, enter the IP address of the **CORE SWITCH** - For **Compatibility**, select **IGMPv2** from the dropdown menu
- Save the setting once finished.

LUXUL
Simply Connected

Model: AMS-1208P
Firmware Version: v4.0.8

IGMP Snooping VLAN Configuration

Start from VLAN 1 with 20 entries per page.

Delete	VLAN ID	Snooping Enabled	Querier Election	Querier Address	Compatibility	PRI	RV	QI (sec)	QRI (0.1 sec)	LLQI (0.1 sec)	URI (sec)
<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.0.0.0	IGMPv2	0	2	125	100	10	1

Add New IGMP VLAN **Save** **Reset**

3. To make sure you switch settings are saved and come up after power is cycles, go to **Administration->Configuration->Save Startup Config**, then click on **Save Configuration**.

Configuration	▶
Monitor	▶
Tools	▶
Administration	▼
Reboot	
Factory Defaults	
Firmware Update	
Firmware Image Select	
Configuration	▼
Save startup-config	
Download	
Upload	
Activate	
Delete	

Save Running Configuration to startup-config

Please note: The generation of the configuration file may be time consuming, depending on the amount of non-default configuration.

Save Configuration

Creating an Aggregated Link

If you find you are having issues with higher resolution sources in systems that rely on switching sources, creating an aggregated link will help achieve higher bandwidth capacity when going between switches. This is only dependent on the model of switch you are using. Check the manufacturers features and specifications to ensure this is possible.


1. Within the Luxul GUI of the first switch, go to **Configuration->Aggregation->Static**
2. Select which ports you wish to aggregate to a **Group ID**.
3. Click **Save** button once finished.
4. Repeat for additional switches within the system.

Locality	Group ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	Normal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Global	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Global	2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Adding VLANs

If your finding the EVO-IP system not working reliably. Having the system on its own VLAN might help. Doing this separates the EVO-IP system from anything else on your network that could be causing issues with the EVO-IP. For this, you will need access to the main router or request to put in a static route in.

1. Create and assign a new VLAN by going to **Configuration->Quick Setup->VLANs**. In **Allowed Access VLANs** box, you want to put “,2” in the box so its “1,2”.



Model: AMS-4424P
Firmware Version: v4.1.3

- Configuration
- Quick Setup
- System
- PoE
- VLANs
- Private VLANs
- Port Isolation
- VCL
- MAC-based VLAN
- Protocol-based VLAN
- IP Subnet-based VLAN
- Spanning Tree
- Green Ethernet
- Ports
- DHCP
- Security
- Aggregation
- Loop Protection
- IPMC Profile
- MVR
- IPMC
- LLDP
- MAC Table
- Voice VLAN
- QoS

Global VLAN Configuration

Allowed Access VLANs

Ethertype for Custom S-ports

Port VLAN Configuration for Switch 1

Port	Mode	Port VLAN	Port Type	Ingress Filtering	Ingress Acceptance	Egress Tagging	Allowed VLANs	Forbidden VLANs
*	<>	1	<>	<input checked="" type="checkbox"/>	<>	<>	1	
1	Access	1	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagged	Untag All	1	
2	Access	1	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagged	Untag All	1	
3	Access	1	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagged	Untag All	1	
4	Access	1	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagged	Untag All	1	
5	Access	1	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagged	Untag All	1	
6	Access	1	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagged	Untag All	1	
7	Access	1	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagged	Untag All	1	

2. In the **Port VLAN Configuration** table, change all the port's **Port VLAN** to 2, apart from the first port and hit **Save** at the bottom.

- Configuration
- Quick Setup
- System
- PoE
- VLANs**
- Private VLANs
- Port Isolation
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- IPMC Profile
- MVR
- IPMC
- LLDP
- MAC Table
- Voice VLAN
- QoS

Port VLAN Configuration for Switch 1

Port	Mode	Port VLAN	Port Type	Ingress Filtering	Ingress Acceptance	Egress Tagging	Allowed VLANs	Forbider VLANs
*	<>	1	<>	<input checked="" type="checkbox"/>	<>	<>	1	
1	Access	1	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	1	
2	Access	2	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	2	
3	Access	2	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	2	
4	Access	2	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	2	
5	Access	2	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	2	
6	Access	2	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	2	
7	Access	2	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	2	
8	Access	2	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	2	
9	Access	2	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	2	
10	Access	2	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	2	
11	Access	2	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	2	
12	Access	2	C-Port	<input checked="" type="checkbox"/>	Tagged and Untagger	Untag All	2	

3. you need to enable **IGMP Snooping** for the **VLAN2**, go to **Configuration->IPMC->IGMP Snooping->VLAN Configuration**. select **Add New IGMP VLAN**, set **VLAN ID** to 2 and tick the **Snooping Enabled** Box. Then **Save**.

IGMP Snooping VLAN Configuration

Start from VLAN 1 with 20 entries per page.

Delete	VLAN ID	Snooping Enabled	Querier Election	Querier Address	Compatibility	PRI	RV	QI (sec)	QRI (0.1 sec)	LLQI (0.1 sec)	URI (sec)
<input type="checkbox"/>	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0.0.0.0	IGMP-Auto	0	2	125	100	10	1
<input type="checkbox"/>	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.0.0.0	IGMP-Auto	0	2	125	100	10	1

Add New IGMP VLAN

Save Reset

4. While on the **IGMP Snooping VLAN Configuration**, you want to delete VLAN1 entry, if you have it, select the **Delete Tick box** and **Save**.

IGMP Snooping VLAN Configuration

Start from VLAN with entries per page.

Delete	VLAN ID	Snooping Enabled	Querier Election	Querier Address	Compatibility	PRI	RV	QI (sec)	QRI (0.1 sec)	LLQI (0.1 sec)	URI (sec)
<input type="checkbox"/>	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text" value="0.0.0.0"/>	IGMP-Auto	<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text" value="125"/>	<input type="text" value="100"/>	<input type="text" value="10"/>	<input type="text" value="1"/>

Add New IGMP VLAN

Save Reset

5. Add an IP Interface to VLAN2, go to **Configuration->Quick Setup->System->IP**. Make sure **Mode** in **IP Configuration** is set to router. Click **Add Interface** and in the new row you want to put **2** in **VLAN ID** and enter a static IP address from an unused network subnet in the IPv4 sections.

For example, if the main network is 192.168.0.1/24 you could use 192.168.1.1/24 or 192.168.10.1/24. Here, I am using 192.168.22.1 in the **Address** and 24 in the **Mask Length**. **Save**.

- Configuration
- Quick Setup
- System
- Information
- IP**
- NTP
- Time
- Log
- PoE
- VLANs
- Private VLANs
- Port Isolation
- VCL
- MAC-based VLAN
- Protocol-based VLAN
- IP Subnet-based VLAN
- Spanning Tree
- Green Ethernet
- Ports
- DHCP
- Security
- Aggregation
- Loop Protection
- IPMC Profile
- MVR
- IPMC
- IGMP Snooping
- Basic Configuration
- VLAN Configuration
- Port Filtering Profile
- MLD Snooping
- LLDP
- MAC Table

IP Configuration

Mode	Router
DNS Server 0	No DNS server
DNS Server 1	No DNS server
DNS Server 2	No DNS server
DNS Server 3	No DNS server
DNS Proxy	<input type="checkbox"/>

IP Interfaces

Delete	VLAN	Enable	DHCPv4		IPv4		DHCPv6			IPv6	
			Fallback	Current Lease	Address	Mask Length	Enable	Rapid Commit	Current Lease	Address	Mask Length
<input type="checkbox"/>	1	<input type="checkbox"/>	0		172.16.112.108	16	<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	2	<input type="checkbox"/>	0		192.168.22.1	24	<input type="checkbox"/>	<input type="checkbox"/>			

Add Interface


IP Routes

Delete	Network	Mask Length	Gateway	Next Hop VLAN
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Add Route

Save Reset

6. As shown in the last image, you want to set a static IP for **VLAN1** just like you did in the previous step. Make sure that the IP Address you use isn't already in use. Afterwards click the **Save**.
Note: this will cause you to lose connection until you reconnect with the new IP address.
7. Add a static route to the main router by clicking **Add Route**. Put **0.0.0.0** in the **Network** section, **0** in the **Mask Length** section and the IP Address of the main router in your network in the **Gateway** section. After, click **Save**.



Model: AMS-4424P
Firmware Version: v4.1.3

- Configuration
- Quick Setup
- Green Ethernet
- Ports
- DHCP
- Server
- Mode
- Excluded IP
- Pool
- Snooping
- Relay
- Security
- Aggregation
- Loop Protection
- IPMC Profile
- MVR
- IPMC
- LLDP
- MAC Table
- Voice VLAN
- QoS
- Mirroring
- UPnP
- GVRP
- Stack

DNS Server 2:

DNS Server 3:

DNS Proxy:

IP Interfaces

Delete	VLAN	DHCPv4			IPv4		DHCPv6			IPv6	
		Enable	Fallback	Current Lease	Address	Mask Length	Enable	Rapid Commit	Current Lease	Address	Mask Length
<input type="checkbox"/>	1	<input type="checkbox"/>	<input type="text" value="0"/>		<input type="text" value="172.16.112.108"/>	<input type="text" value="16"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	2	<input type="checkbox"/>	<input type="text" value="0"/>		<input type="text" value="192.168.22.1"/>	<input type="text" value="24"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="text"/>	<input type="text"/>


Add Interface

IP Routes

Delete	Network	Mask Length	Gateway	Next Hop VLAN
<input type="checkbox"/>	0.0.0.0	0	172.16.0.1	0

Add Route
Save Reset

- Enable the **DHCP Server** by going to **Configuration->DHCP->Server->Mode**. Change **Global Mode** to **Enable** and click **Add VLAN Range**, put **2** in both boxes under **VLAN Range**. Click the **Save**.



Model: AMS-4424P
Firmware Version: v4.1.3

- Configuration
- Quick Setup
- Green Ethernet
- Ports
- DHCP
- Server
- Mode
- Excluded IP
- Pool
- Snooping
- Relay
- Security
- Aggregation
- Loop Protection
- IPMC Profile
- MVR
- IPMC
- LLDP
- MAC Table
- Voice VLAN
- QoS
- Mirroring
- UPnP

DHCP Server Mode Configuration

Global Mode

Mode:

VLAN Mode

Delete	VLAN Range	Mode
<input type="checkbox"/>	2	Enabled

Add VLAN Range

Save Reset

- Exclude the switch's IP address, go to **Configuration->DHCP->Server->Exclude IP**. Click **Add IP Range** and put in IP address that you used in step 5 for the vlan2 interface in the first box. The second box you want to put a value that is higher by about 5-10. For example, I am doing 192.168.22.1-192.168.22.10. Afterwards, click the **Save**.



Configuration	▼
Quick Setup	▶
Green Ethernet	▶
Ports	▶
DHCP	▼
Server	▼
Mode	
Excluded IP	
Pool	
Snooping	
Relay	
Security	▶
Aggregation	▶
Loop Protection	
IPMC Profile	▶
MVR	
IPMC	▶
LLDP	▶

DHCP Server Excluded IP Configuration

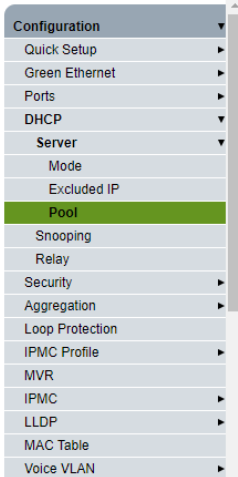
Excluded IP Address

Delete	IP Range
<input type="checkbox"/>	192.168.22.1 - 192.168.22.10

Add IP Range

Save **Reset**

- Make a pool for the DHCP Server, go to **Configuration->DHCP->Server->Pool**. Click **Add New Pool**, Enter **EVO-IP-Pool** for the **Name** and then **Save**.



DHCP Server Pool Configuration

Pool Setting

Delete	Name	Type	IP	Subnet Mask	Lease Time
<input type="checkbox"/>	EVO-IP-Pool	-	-	-	1 days 0 hours 0 minutes

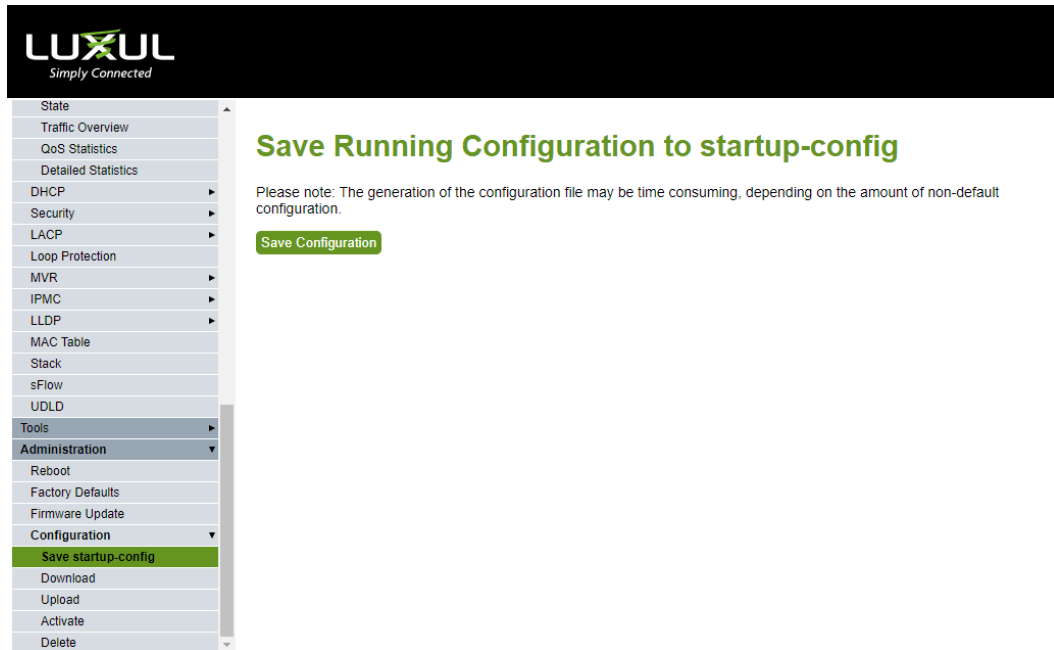
Add New Pool

Save Reset

11. Click the **EVO-IP-Pool** name and in the new page you want to do the following,
 - a. **Type** set to Network
 - b. **IP** and **Subnet Mask** must be the same as the Network you chosen for VLAN2 in step 5.
 - c. The first **Default Router** is set to the IP address you used in step 5
 - d. Hit **Save** at the bottom

Configuration	Name	EVO-IP-Pool
Quick Setup	Setting	
Green Ethernet	Pool Name	EVO-IP-Pool
Ports	Type	Network
DHCP	IP	192.168.22.0
Server	Subnet Mask	255.255.255.0
Mode	Lease Time	1 days (0-365)
Excluded IP		0 hours (0-23)
Pool		0 minutes (0-59)
Snooping	Broadcast Address	
Relay	Default Router	192.168.22.1
Security		0.0.0.0
Aggregation		0.0.0.0
Loop Protection		0.0.0.0
IPMC Profile	DNS Server	0.0.0.0
MVR		0.0.0.0
IPMC		0.0.0.0
LLDP		0.0.0.0
MAC Table	Client Identifier	None
Voice VLAN	Hardware Address	
QoS	Client Name	
Mirroring	Advanced Options	
UPnP	Save Reset	
GVRP		
Stack		
sFlow		
UDLD		
Monitor		
Quick Setup		
Green Ethernet		
Ports		
State		
Traffic Overview		
QoS Statistics		
Detailed Statistics		
DHCP		
Security		
LACP		
Loop Protection		
MVR		

12. Save your changes by going to **Administration->Configuration->Save Startup-Config**. Click the **Save Configuration**.



The screenshot shows the Luxul web interface. At the top left is the Luxul logo with the tagline 'Simply Connected'. A navigation menu on the left lists various system functions. The 'Configuration' menu is expanded, and the 'Save startup-config' option is highlighted in green. To the right of the menu, a green heading reads 'Save Running Configuration to startup-config'. Below this heading is a note: 'Please note: The generation of the configuration file may be time consuming, depending on the amount of non-default configuration.' A green button labeled 'Save Configuration' is positioned below the note.

13. The switch is now configured. You need to add a static route to the main router to tell all traffic that's bound for the network you pick for vlan2 to head to the switch.