

The logo for LUXUL, featuring the letters 'LUXUL' in a bold, black, sans-serif font. The letter 'X' is stylized with two green, ribbon-like shapes that cross each other to form the letter. A small 'TM' trademark symbol is located at the bottom right of the 'L'.

QSC® Q-Sys

Switch Configuration Guide

Login to switch

Login to switch via web browser.

If your network is not currently on a 192.168.0.x subnet, you may need to temporarily set your computer to a static IP subnet of 192.168.0.x. It is also recommended to change the IP address of the switch to match the subnet of your network.

Default IP address of the switches are:

AMS-2600 = 192.168.0.2

AMS/XMS-1208P = 192.168.0.3

All other AMS/XMS models = 192.168.0.4

SW-510/610 Series = DHCP by default

Default username = admin

Default password = admin*

*Firmware will require a password change upon initial setup

← → ↻ 🏠 ⓘ Not Secure | 192.168.0.4

LUXUL
Simply Connected

- Configuration ▶
- Monitor ▼
- Quick Setup ▶
- Green Ethernet ▶
- Ports ▼
- State**
- Traffic Overview
- QoS Statistics
- Detailed Statistics
- DHCP ▶
- Security ▶

Port State Overview

1 3 5 7 9 11 13 15 17 19 21 23
2 4 6 8 10 12 14 16 18 20 22 24 25 26

LUXUL


Set Port Frame Size

Navigate to Configuration > Ports > Ports

Set Maximum Frame Size to 1518.

Changing the setting on the top row with the * globally selects all ports

Click Save at bottom of screen.



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

[Refresh](#)

Configuration ▾

- Quick Setup ▸
- Green Ethernet ▸
- Ports ▾**
- Ports
- Port Description
- DHCP ▸
- Security ▸
- Aggregation ▸
- Loop Protection
- IPMC Profile ▸
- MVR
- IPMC ▸
- LLDP ▸
- MAC Table
- Voice VLAN ▸
- QoS ▸
- Mirroring
- UPnP
- GVRP ▸
- Stack
- sFlow
- UDLD
- Monitor ▸
- Tools ▸
- Administration ▸

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Port Configuration for Switch 1

Port	Link	Current	Speed		Adv Duplex		Adv speed			Flow Control			Maximum Frame Size	Excessive Collision Mode
			Configured	Fdx	Hdx	10M	100M	1G	Enable	Curr Rx	Curr Tx			
*			<>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			1518	<>
1	✓	1Gfdx	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
2	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
3	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
4	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
5	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
6	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
7	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
8	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
9	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
10	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
11	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
12	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
13	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
14	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard
15	✗	Down	Auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1518	Discard


DSCP Based Port Classification

Navigate to Configuration > QoS > Port Classification

Select DSCP Based for every port

Changing the setting on the top row with the * globally selects all ports

Click Save at bottom of screen



Simply Connected

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

Configuration

- Quick Setup
- Green Ethernet
- Ports
- DHCP
- Security
- Aggregation
- Loop Protection
- IPMC Profile
- MVR
- IPMC
- LLDP
- MAC Table
- Voice VLAN
- QoS**
- Port Classification
- Port Policing
- Queue Policing
- Port Scheduler
- Port Shaping
- Port Tag Remarking
- Port DSCP
- DSCP-Based QoS
- DSCP Translation
- DSCP Classification
- Storm Policing
- WRED
- Mirroring
- UPnP
- GVRP
- Stack

QoS Ingress Port Classification for Switch 1

Port	CoS	DPL	DSCP Based
*	<>	<>	<input checked="" type="checkbox"/>
1	0	0	<input checked="" type="checkbox"/>
2	0	0	<input checked="" type="checkbox"/>
3	0	0	<input checked="" type="checkbox"/>
4	0	0	<input checked="" type="checkbox"/>
5	0	0	<input checked="" type="checkbox"/>
6	0	0	<input checked="" type="checkbox"/>
7	0	0	<input checked="" type="checkbox"/>
8	0	0	<input checked="" type="checkbox"/>
9	0	0	<input checked="" type="checkbox"/>
10	0	0	<input checked="" type="checkbox"/>
11	0	0	<input checked="" type="checkbox"/>
12	0	0	<input checked="" type="checkbox"/>
13	0	0	<input checked="" type="checkbox"/>
14	0	0	<input checked="" type="checkbox"/>
15	0	0	<input checked="" type="checkbox"/>
16	0	0	<input checked="" type="checkbox"/>
17	0	0	<input checked="" type="checkbox"/>


Trust DSCP

Navigate to Configuration
> QoS > DSCP Based
QoS

Select Trust for all ports

Changing the setting on
the top row with the *
globally selects all ports

Click Save at bottom of
screen

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

- Configuration
- Quick Setup
- Green Ethernet
- Ports
- DHCP
- Security
- Aggregation
- Loop Protection
- IPMC Profile
- MVR
- IPMC
- LLDP
- MAC Table
- Voice VLAN
- QoS**
- Port Classification
- Port Policing
- Queue Policing
- Port Scheduler
- Port Shaping
- Port Tag Remarking
- Port DSCP
- DSCP-Based QoS**
- DSCP Translation
- DSCP Classification
- Storm Policing
- WRED
- Mirroring
- UPnP
- GVRP
- Stack

DSCP-Based QoS Ingress Classification

DSCP	Trust	QoS Class	DPL
*	<input checked="" type="checkbox"/>	<>	<>
0 (BE)	<input checked="" type="checkbox"/>	0	0
1	<input checked="" type="checkbox"/>	0	0
2	<input checked="" type="checkbox"/>	0	0
3	<input checked="" type="checkbox"/>	0	0
4	<input checked="" type="checkbox"/>	0	0
5	<input checked="" type="checkbox"/>	0	0
6	<input checked="" type="checkbox"/>	0	0
7	<input checked="" type="checkbox"/>	0	0
8 (CS1)	<input checked="" type="checkbox"/>	0	0
9	<input checked="" type="checkbox"/>	0	0
10 (AF11)	<input checked="" type="checkbox"/>	0	0
11	<input checked="" type="checkbox"/>	0	0
12 (AF12)	<input checked="" type="checkbox"/>	0	0
13	<input checked="" type="checkbox"/>	0	0
14 (AF13)	<input checked="" type="checkbox"/>	0	0
15	<input checked="" type="checkbox"/>	0	0
16 (CS2)	<input checked="" type="checkbox"/>	0	0

DSCP Class for Q-Sys only configuration

*Use this config when configuring only for Q-Sys. If using the same switch for both Q-Sys and Dante, skip to the next page.

On same screen as above

Set Class 46 to Priority 7

Set Class 34 to Priority 6

Click Save at bottom of screen

LUXUL
Simply Connected

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

Class	Enabled	Priority	DSCP
28 (AF32)	<input checked="" type="checkbox"/>	0	0
29	<input checked="" type="checkbox"/>	0	0
30 (AF33)	<input checked="" type="checkbox"/>	0	0
31	<input checked="" type="checkbox"/>	0	0
32 (CS4)	<input checked="" type="checkbox"/>	0	0
33	<input checked="" type="checkbox"/>	0	0
34 (AF41)	<input checked="" type="checkbox"/>	6	0
35	<input checked="" type="checkbox"/>	0	0
36 (AF42)	<input checked="" type="checkbox"/>	0	0
37	<input checked="" type="checkbox"/>	0	0
38 (AF43)	<input checked="" type="checkbox"/>	0	0
39	<input checked="" type="checkbox"/>	0	0
40 (CS5)	<input checked="" type="checkbox"/>	0	0
41	<input checked="" type="checkbox"/>	0	0
42	<input checked="" type="checkbox"/>	0	0
43	<input checked="" type="checkbox"/>	0	0
44	<input checked="" type="checkbox"/>	0	0
45	<input checked="" type="checkbox"/>	0	0
46 (EF)	<input checked="" type="checkbox"/>	7	0
47	<input checked="" type="checkbox"/>	0	0
48 (CS6)	<input checked="" type="checkbox"/>	0	0
49	<input checked="" type="checkbox"/>	0	0

DSCP Class for combo Dante & Q-sys

*Use this config only when using the same switch to run both Dante Q-Sys. Skip this step if only configuring for Q-Sys.

On same screen as above
Set Class 56 to Priority 7
Set Class 46 to Priority 6
Click Save at bottom of screen

LUXUL
Simply Connected

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

Class	Enabled	Priority	Drop
36 (AF42)	<input checked="" type="checkbox"/>	0	0
37	<input checked="" type="checkbox"/>	0	0
38 (AF43)	<input checked="" type="checkbox"/>	0	0
39	<input checked="" type="checkbox"/>	0	0
40 (CS5)	<input checked="" type="checkbox"/>	0	0
41	<input checked="" type="checkbox"/>	0	0
42	<input checked="" type="checkbox"/>	0	0
43	<input checked="" type="checkbox"/>	0	0
44	<input checked="" type="checkbox"/>	0	0
45	<input checked="" type="checkbox"/>	0	0
46 (EF)	<input checked="" type="checkbox"/>	6	0
47	<input checked="" type="checkbox"/>	0	0
48 (CS6)	<input checked="" type="checkbox"/>	0	0
49	<input checked="" type="checkbox"/>	0	0
50	<input checked="" type="checkbox"/>	0	0
51	<input checked="" type="checkbox"/>	0	0
52	<input checked="" type="checkbox"/>	0	0
53	<input checked="" type="checkbox"/>	0	0
54	<input checked="" type="checkbox"/>	0	0
55	<input checked="" type="checkbox"/>	0	0
56 (CS7)	<input checked="" type="checkbox"/>	7	0
57	<input checked="" type="checkbox"/>	0	0

DSCP Class for combo Dante & Q-sys

*Use this config only when using the same switch to run both Dante Q-Sys. Skip this step if only configuring for Q-Sys.

On same screen as above

Set Class 26 to Priority 5

Set Class 8 to Priority 5

All other Classes set to 0

Click Save at bottom of screen.

LUXUL
Simply Connected

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

Class	Enabled	Priority	Drop
7	<input checked="" type="checkbox"/>	0	0
8 (CS1)	<input checked="" type="checkbox"/>	5	←
9	<input checked="" type="checkbox"/>	0	0
10 (AF11)	<input checked="" type="checkbox"/>	0	0
11	<input checked="" type="checkbox"/>	0	0
12 (AF12)	<input checked="" type="checkbox"/>	0	0
13	<input checked="" type="checkbox"/>	0	0
14 (AF13)	<input checked="" type="checkbox"/>	0	0
15	<input checked="" type="checkbox"/>	0	0
16 (CS2)	<input checked="" type="checkbox"/>	0	0
17	<input checked="" type="checkbox"/>	0	0
18 (AF21)	<input checked="" type="checkbox"/>	0	0
19	<input checked="" type="checkbox"/>	0	0
20 (AF22)	<input checked="" type="checkbox"/>	0	0
21	<input checked="" type="checkbox"/>	0	0
22 (AF23)	<input checked="" type="checkbox"/>	0	0
23	<input checked="" type="checkbox"/>	0	0
24 (CS3)	<input checked="" type="checkbox"/>	0	0
25	<input checked="" type="checkbox"/>	0	0
26 (AF31)	<input checked="" type="checkbox"/>	5	←
27	<input checked="" type="checkbox"/>	0	0

Save Startup Configuration

Navigate to Administration
> Configuration > Save
startup-config

Click Save Configuration

The screenshot displays the LUXUL web interface. At the top left is the LUXUL logo with the tagline "Simply Connected". At the top right, a green box contains the text "Model: AMS-4424P" and "Firmware Version: v4.1.3" with a help icon. A left-hand navigation menu is shown with the following items: Configuration, Monitor, Tools, Administration, Reboot, Factory Defaults, Firmware Update, Configuration, Save startup-config, Download, Upload, Activate, and Delete. Red arrows point from the text on the left to the "Administration" and "Save startup-config" menu items. The main content area features the heading "Save Running Configuration to startup-config" in green. 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 "Save Configuration" button is located below the note, with a red arrow pointing to it from the text "Click Save Configuration".

IGMP Multicast Configuration

Navigate to Configuration > IPMC > IGMP Snooping > Basic Configuration


Check Snooping Enabled

Check Unregistered IPMCv4 Flooding Enabled (it should be enabled already)

Check Fast Leave on all ports

Changing the setting on the top row with the * globally selects all ports

Click Save at bottom of screen



Simply Connected

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

Configuration ▾

- Quick Setup ▸
- 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
- Voice VLAN ▸
- QoS ▸
- Mirroring
- UPnP
- GVRP ▸
- Stack
- sFlow
- UDLD
- Monitor ▸
- Tools ▸
- Administration ▸

IGMP Snooping Configuration

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

Port Related Configuration for Switch 1

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
8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited
9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	unlimited

IGMP Multicast VLAN Configuration

Navigate to Configuration > IPMC > IGMP Snooping > VLAN Configuration

Click Add New IGMP VLAN

Check Snooping Enabled

Check Querier Election

IP Address can be left at 0.0.0.0 if only using one switch

*Set IP as IP address of the switch if using more than one switch in network

Change Compatibility to Forced IGMPv2

LUXUL
Simply Connected

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

Refresh |<< >>

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	Forced IGMPv2	0	2	125	100	10	1

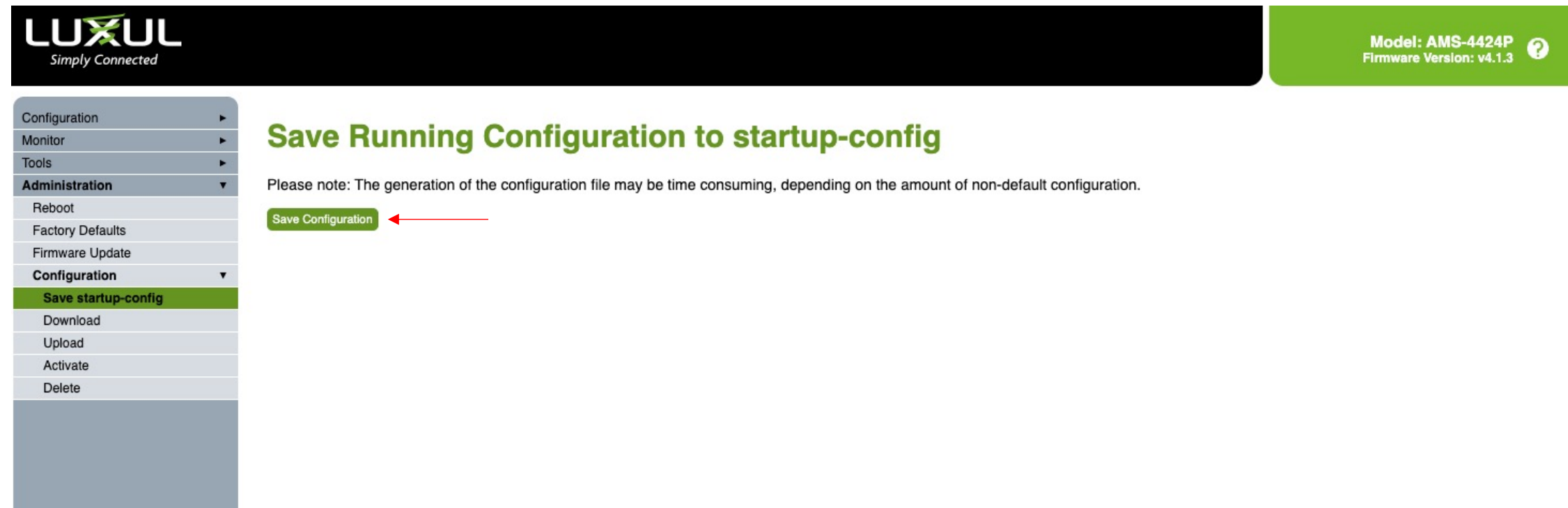
Buttons: Add New IGMP VLAN, Save, Reset

Arrows: 1 (Save), 2 (Snooping Enabled), 3 (Querier Election), 4 (Querier Address), 5 (Compatibility), 6 (Add New IGMP VLAN)

Save Startup Configuration

Navigate to Administration
> Configuration > Save
startup-config

Click Save Configuration



The screenshot displays the LUXUL web interface. At the top left is the LUXUL logo with the tagline 'Simply Connected'. At the top right, a green box shows 'Model: AMS-4424P' and 'Firmware Version: v4.1.3'. On the left, a navigation menu is open, showing 'Configuration' selected. Under 'Configuration', the 'Save startup-config' option is highlighted in green. On the right, the main content area has the heading 'Save Running Configuration to startup-config' in green. Below the heading is a note: 'Please note: The generation of the configuration file may be time consuming, depending on the amount of non-default configuration.' At the bottom of this section is a green button labeled 'Save Configuration', with a red arrow pointing to it from the left.

Diagnostic Tools

Navigate to Monitor > Ports > Traffic Overview

Errors, Drops, Filtered should be 0 or near 0

The screenshot shows the LUXUL web interface for a switch. The navigation menu on the left includes Configuration, OUI, QoS, Mirroring, UPnP, GVRP, sFlow, UDLD, Monitor, Quick Setup, Green Ethernet, Thermal Protection, Ports, State, Traffic Overview (highlighted), QoS Statistics, QCL Status, Detailed Statistics, DHCP, Security, LACP, Loop Protection, MVR, IPMC, and LLDP. The main content area displays the 'Port Statistics Overview' table. The header of the table is 'LUXUL Simply Connected'. The top right corner shows 'Model: AMS-2616P' and 'Firmware Version: v4.0.5'. Below the header, there are 'Auto-refresh', 'Refresh', and 'Clear' buttons. The table has columns for Port, Packets (Received, Transmitted), Bytes (Received, Transmitted), Errors (Received, Transmitted), Drops (Received, Transmitted), and Filtered (Received). The data shows traffic on ports 3, 4, 5, 6, and 13, with port 13 showing the highest traffic volume.

Port	Packets		Bytes		Errors		Drops		Filtered
	Received	Transmitted	Received	Transmitted	Received	Transmitted	Received	Transmitted	Received
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	1	1841	64	166899	0	0	0	0	0
4	1	1842	64	166986	0	0	0	0	0
5	1	1842	64	166986	0	0	0	0	0
6	0	189	0	15314	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	1464	1528	108017	438308	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0

Diagnostic Tools

Navigate to Monitor > Ports > QoS Statistics

Numbers should be seen in Q6 and Q7 for any port that a Q-Sys device is connected as that is where the Q-Sys system runs on the network

LUXUL
Simply Connected

Model: AMS-2616P
Firmware Version: v4.0.5

Auto-refresh Refresh Clear

Queuing Counters

Port	Q0		Q1		Q2		Q3		Q4		Q5		Q6		Q7	
	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx	Rx	Tx
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	3006	0	0	0	0	0	0	0	0	0	0	0	0	0	2448
4	2	3006	0	0	0	0	0	0	0	0	0	0	0	0	0	2448
5	2	3006	0	0	0	0	0	0	0	0	0	0	0	0	0	2448
6	0	491	0	0	0	0	0	0	0	0	0	0	0	0	0	89
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	4422	4390	0	0	0	0	0	0	0	0	0	0	0	0	0	240
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Diagnostic Tools

Navigate to Monitor > IPMC > IGMP Snooping > Status

Q-Sys uses IGMP v2. Querier and Host Version should indicate v2. Querier Status should indicate Active.

The screenshot shows the LUXUL web interface for a switch. The navigation menu on the left includes sections for LACP, Loop Protection, MVR, IPMC, IGMP Snooping (with sub-items for Status, Groups Information, IPv4 SFM Information, MLD Snooping, LLDP, MAC Table, sFlow, and UDLD), Tools, Administration (with sub-items for Reboot, Factory Defaults, Firmware Update, and Firmware Image Select), and Configuration (with sub-items for Save startup-config, Download, Upload, Activate, and Delete). The main content area is titled "IGMP Snooping Status" and contains a "Statistics" table and a "Router Port" table. The header shows the LUXUL logo and the text "Simply Connected". The top right corner displays the model "AMS-2616P" and firmware version "v4.0.5". There are also "Auto-refresh", "Refresh", and "Clear" buttons.

VLAN ID	Querier Version	Host Version	Querier Status	Queries Transmitted	Queries Received	V1 Reports Received	V2 Reports Received	V3 Reports Received	V2 Leaves Received
1	v2	v2	ACTIVE	23	0	0	362	0	0

Port	Status
1	-
2	-
3	-
4	-
5	-
6	-
7	-
8	-
9	-
10	-

Diagnostic Tools

Navigate to Monitor >
IPMC > IGMP Snooping
> Groups Information

Q-SYS uses the following
multicast groups:

224.0.1.129 used for
PTPv2

224.0.23.175 used for
QDP (Q-SYS Discovery
Protocol)

This screen shows the
groups and which
ports/devices are part of
the IGMP group

The screenshot shows the Luxul web interface for the IGMP Snooping Group Information page. The navigation menu on the left includes options like LACP, Loop Protection, MVR, IPMC, IGMP Snooping, Status, Groups Information (highlighted), IPv4 SFM Information, MLD Snooping, LLDP, MAC Table, sFlow, UDLD, Tools, Administration, and Configuration. The main content area displays the title "IGMP Snooping Group Information" and a search filter: "Start from VLAN 1 and group address 224.0.0.0 with 20 entries per page." Below this is a table with columns for VLAN ID, Groups, and Port Members (ports 1-26). The table shows three entries for VLAN 1 with their respective group addresses and port members.

VLAN ID	Groups	Port Members																									
		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
1	224.0.1.129			✓	✓	✓															✓	✓	✓				
1	224.0.23.175												✓						✓	✓	✓	✓					
1	239.255.255.250												✓				✓										