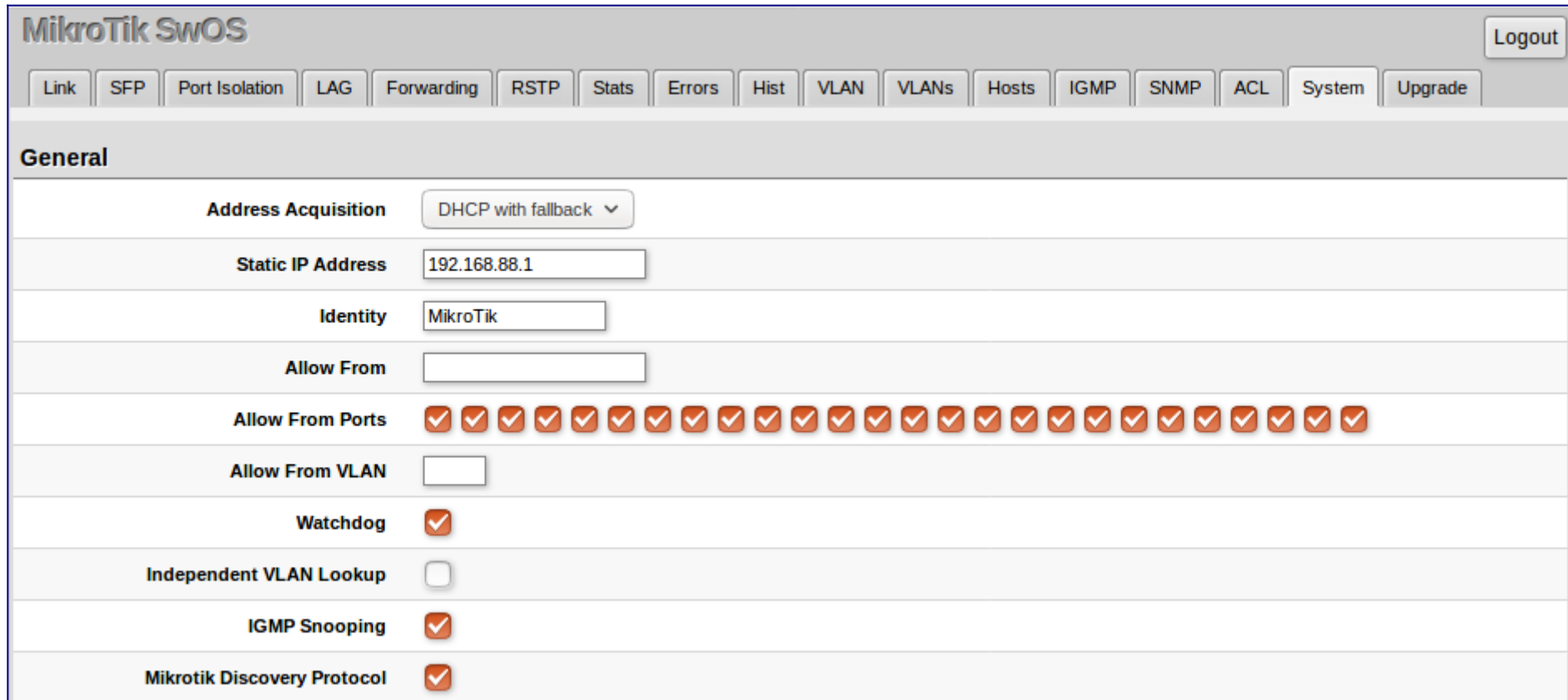


Check for the latest revision of this file at: https://wiki.mikrotik.com/wiki/SwOS/CRS3xx#IGMP_Snooping

IGMP Snooping

IGMP Snooping which controls multicast streams and prevents multicast flooding is implemented in SwOS starting from version 2.5. The feature allows a switch to listen in the IGMP conversation between hosts and routers.

Enable this option under System tab.

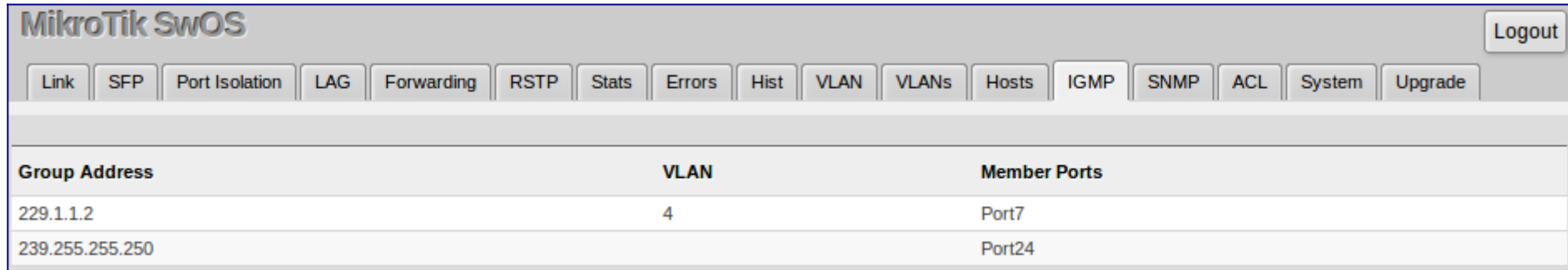


The screenshot shows the MikroTik SwOS configuration interface. At the top, there is a navigation bar with tabs for Link, SFP, Port Isolation, LAG, Forwarding, RSTP, Stats, Errors, Hist, VLAN, VLANs, Hosts, IGMP, SNMP, ACL, System, and Upgrade. The 'System' tab is selected. Below the navigation bar, the 'General' section is visible. The settings are as follows:

Setting	Value
Address Acquisition	DHCP with fallback
Static IP Address	192.168.88.1
Identity	MikroTik
Allow From	
Allow From Ports	24 checked checkboxes
Allow From VLAN	
Watchdog	checked
Independent VLAN Lookup	unchecked
IGMP Snooping	checked
Mikrotik Discovery Protocol	checked

IGMP Snooping under System tab

Available IGMP snooping data can be found under IGMP tab:

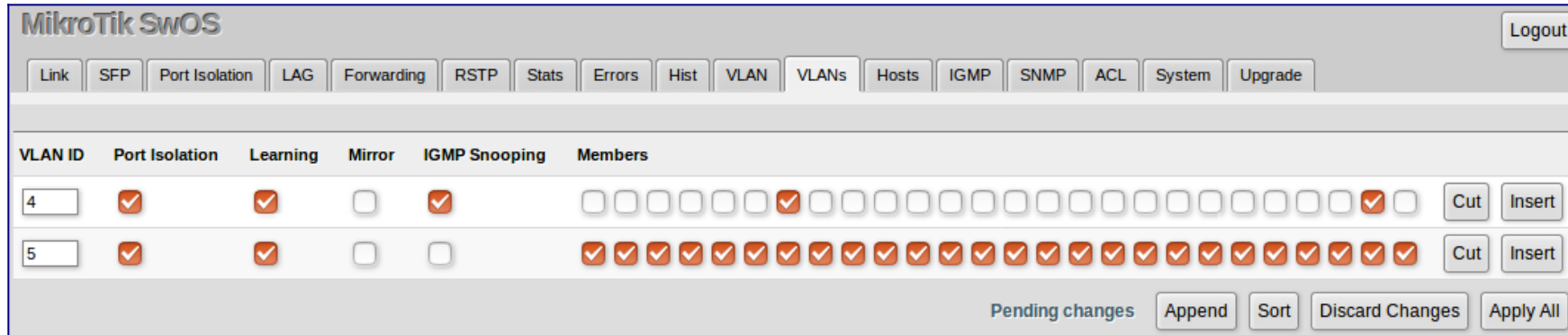


Group Address	VLAN	Member Ports
229.1.1.2	4	Port7
239.255.255.250		Port24

IGMP Snooping table

It is possible to enable IGMP Snooping for a specific VLAN ID under VLANs menu.

Note: IGMP Snooping for VLANs requires enabled "Independent VLAN Lookup" in the System menu.



VLAN ID	Port Isolation	Learning	Mirror	IGMP Snooping	Members
4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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 checked="" type="checkbox"/> <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 checked="" type="checkbox"/> <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 checked="" type="checkbox"/> <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 checked="" type="checkbox"/> <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 checked="" type="checkbox"/> <input checked="" type="checkbox"/>

IGMP Snooping VLANs settings

IGMP Snooping fast leave:

MikroTik SwOS Logout

[Link](#) [SFP](#) [Port Isolation](#) [LAG](#) [Forwarding](#) [RSTP](#) [Stats](#) [Errors](#) [Hist](#) [VLAN](#) [VLANs](#) [Hosts](#) [IGMP](#) [SNMP](#) [ACL](#) [System](#) [Upgrade](#)

General

Address Acquisition	<input type="text" value="DHCP with fallback"/>
Static IP Address	<input type="text" value="192.168.88.1"/>
Identity	<input type="text" value="MikroTik"/>
Allow From	<input type="text"/>
Allow From Ports	<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 checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Allow From VLAN	<input type="text"/>
Watchdog	<input checked="" type="checkbox"/>
Independent VLAN Lookup	<input checked="" type="checkbox"/>
IGMP Snooping	<input checked="" type="checkbox"/>
IGMP Fast Leave	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Mikrotik Discovery Protocol	<input checked="" type="checkbox"/>
MAC Address	74:4d:28:11:70:6b
Serial Number	A8010AD3C1FE
Board Name	CRS309-1G-8S+
Uptime	00:02:07

DHCP & PPPoE Snooping

Trusted Ports	<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 checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Add Information Option	<input checked="" type="checkbox"/>

Health

Temperature	39C
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Password Change

Old Password	<input type="text"/>
New Password	<input type="text"/>
Confirm Password	<input type="text"/>

NB: The switch must run SwOS v2.13 or newer version for IGMP fast leave mode.