

Cisco SG500-48 Sample Network Switch Configuration

Release Notes

Feel free to make the appropriate changes to fit your port count and network environment.

```
port jumbo-frame
bridge multicast filtering
vlan database

default-vlan vlan 999

exit

vlan database

vlan 1

exit

voice vlan oui-table add 0001e3 Siemens_AG_phone_____
voice vlan oui-table add 00036b Cisco_phone_____
voice vlan oui-table add 00096e Avaya_____
voice vlan oui-table add 000fe2 H3C_Aolynk_____
voice vlan oui-table add 0060b9 Philips_and_NEC_AG_phone
voice vlan oui-table add 00d01e Pingtel_phone_____
voice vlan oui-table add 00e075 Polycom/Veritel_phone___
voice vlan oui-table add 00e0bb 3Com_phone_____
lldp med network-policy 1 streaming-video vlan 999 up 1 dscp 3
ip igmp snooping

interface vlan 999
ip address 172.16.4.25 255.255.0.0

ip igmp snooping
ip igmp query-interval 30

ip igmp last-member-query-interval 100
ip igmp snooping querier enable

no ip address dhcp
ip ssh server
exit
```

```
ip igmp snooping
ip igmp snooping vlan 999
ip igmp snooping vlan 999 immediate-leave

ip igmp snooping vlan 999 querier
interface range gigabitethernet1/1/1-48
bridge multicast unregistered filtering

traffic-shape queue 1 500000 4096

traffic-shape queue 2 500000 4096

lldp optional-tlv port-desc sys-name sys-desc sys-cap 802.3-mac-phy
lldp optional-tlv 802.1 pvid disable
lldp management-address automatic

exit
interface range tengigabitethernet1/1/1-4
bridge multicast unregistered filtering

traffic-shape queue 1 500000 4096

traffic-shape queue 2 500000 4096

lldp optional-tlv port-desc sys-name sys-desc sys-cap 802.3-mac-phy
lldp optional-tlv 802.1 pvid disable
lldp management-address automatic

exit
username cisco password encrypted 5baa61e4c9b93f3f0682250b6cf8331b7ee68fd8 privilege 15
no ip dhcp autoconfig

no bonjour enable

no snmp-server enable
```