

```
***** show version *****
```

Switch: 1

System Description..... GS748Tv5 ProSafe 48-port Gigabit Ethernet Smart Switch,
6.3.1.43,
B1.0.0.4
Machine Model..... GS748Tv5
Serial Number..... 3H36937T808C8
Burned In MAC Address..... 8C:3B:AD:68:C0:BC
Software Version..... 6.3.1.43
Bootcode Version..... B1.0.0.4
Supported Java Plugin Version..... 1.6
Current Time..... Oct 14 16:27:43 2022 GMT(UTC+1:00)
Current SNTP Sync Status..... Success

```
***** show sysInfo *****
```

System Description..... GS748Tv5 ProSafe 48-port Gigabit Ethernet Smart Switch,
6.3.1.43,
B1.0.0.4
System Name..... 48 Port Main Switch
System Location..... Sitting Room
System Contact.....
System Object ID..... 1.3.6.1.4.1.4526.100.4.33
System Up Time..... 116 days 0 hrs 26 mins 7 secs
Current SNTP Synchronized Time..... Oct 14 15:27:43 2022 UTC

MIBs Supported:

RFC 1907 - SNMPv2-MIB	The MIB module for SNMPv2 entities
RFC 2819 - RMON-MIB	Remote Network Monitoring Management Information Base
HC-RMON-MIB	The original version of this MIB, published as RFC3273.
HC-ALARM-MIB	Initial version of the High Capacity Alarm MIB module. This version published as RFC 3434.
HCNUM-TC	A MIB module containing textual conventions for high capacity data types.
NETGEAR-REF-MIB	NETGEAR Reference
SNMP-COMMUNITY-MIB	This MIB module defines objects to help support coexistence between SNMPv1, SNMPv2, and SNMPv3.
SNMP-FRAMEWORK-MIB	The SNMP Management Architecture MIB
SNMP-MPD-MIB	The MIB for Message Processing and Dispatching
SNMP-NOTIFICATION-MIB	The Notification MIB Module
SNMP-TARGET-MIB	The Target MIB Module
SNMP-USER-BASED-SM-MIB	The management information definitions for the SNMP User-based Security Model.
SNMP-VIEW-BASED-ACM-MIB	The management information definitions for the View-based Access Control Model for SNMP.
USM-TARGET-TAG-MIB	SNMP Research, Inc.
NETGEAR-BOXSERVICES-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Box Services Feature.
DIFFSERV-DSCP-TC	The Textual Conventions defined in this module should be used whenever a Differentiated Services Code Point is used in a MIB.
IANA-ADDRESS-FAMILY-NUMBERS-MIB	The MIB module defines the AddressFamilyNumbers textual convention.
NETGEAR-DNS-RESOLVER-CONTROL-MIB	Defines a portion of the SNMP MIB under the NETGEAR Corporation enterprise OID pertaining to DNS Client control configuration
NETGEAR-DENIALOFSERVICE-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Denial of Service.
NETGEAR-GREENETHERNET-PRIVATE-MIB	The MIB definitions for NETGEAR Green

NETGEAR-KEYING-PRIVATE-MIB	Ethernet Feature. The NETGEAR Private MIB for NETGEAR Keying Utility
LLDP-MIB	Management Information Base module for LLDP configuration, statistics, local system data and remote systems data components.
LLDP-EXT-DOT3-MIB	The LLDP Management Information Base extension module for IEEE 802.3 organizationally defined discovery information.
LLDP-EXT-MED-MIB	The LLDP Management Information Base extension module for TIA-TR41.4 Media Endpoint Discovery information.
DISMAN-PING-MIB	The Ping MIB (DISMAN-PING-MIB) provides the capability of controlling the use of the ping function at a remote host.
DNS-SERVER-MIB	The MIB module for entities implementing the server side of the Domain Name System (DNS) protocol.
DNS-RESOLVER-MIB	The MIB module for entities implementing the client (resolver) side of the Domain Name System (DNS) protocol.
SMON-MIB	The MIB module for managing remote monitoring device implementations for Switched Networks
NETGEAR-TIMEZONE-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR for system time, timezone and summer-time settings
DISMAN-TRACEROUTE-MIB	The Traceroute MIB (DISMAN-TRACEROUTE-MIB) provides access to the traceroute capability at a remote host.
LAG-MIB	The Link Aggregation module for managing IEEE 802.3ad
RFC 1213 - RFC1213-MIB	Management Information Base for Network Management of TCP/IP-based internets: MIB-II
RFC 1493 - BRIDGE-MIB	Definitions of Managed Objects for Bridges (dot1d)
RFC 2674 - P-BRIDGE-MIB	The Bridge MIB Extension module for managing Priority and Multicast Filtering, defined by IEEE 802.1D-1998.
RFC 2674 - Q-BRIDGE-MIB	The VLAN Bridge MIB module for managing Virtual Bridged Local Area Networks
RFC 2737 - ENTITY-MIB	Entity MIB (Version 2)
RFC 2863 - IF-MIB	The Interfaces Group MIB using SMIv2
RFC 3635 - Etherlike-MIB	Definitions of Managed Objects for the Ethernet-like Interface Types
NETGEAR-SWITCHING-MIB	NETGEAR Switching - Layer 2
NETGEAR-INVENTORY-MIB	Unit and Slot configuration.
NETGEAR-PORTSECURITY-PRIVATE-MIB	Port Security MIB.
INET-ADDRESS-MIB	This MIB module defines textual conventions for representing Internet addresses.
IANAifType-MIB	This MIB module defines the IANAifType Textual Convention
NETGEAR-LOGGING-MIB	This MIB provides objects to configure and display events logged on this system.
MAU-MIB	Management information for 802.3 MAUs.
NETGEAR-MVR-PRIVATE-MIB	The NETGEAR Private MIB for MVR Configuration
NETGEAR-SNTP-CLIENT-MIB	Defines NETGEAR Corporation enterprise OID pertaining to SNTP client configuration and statistical collection.
IEEE8021-PAE-MIB	Port Access Entity module for managing IEEE 802.1X.
NETGEAR-DOT1X-ADVANCED-FEATURES-MIB	The NETGEAR Private MIB for NETGEAR Dot1x Advanced Features
NETGEAR-DOT1X-AUTHENTICATION- SERVER-MIB	The NETGEAR Private MIB for NETGEAR Dot1x Authentication Server
NETGEAR-RADIUS-AUTH-CLIENT-MIB	The NETGEAR Private MIB for NETGEAR Radius Authentication Client.
RADIUS-ACC-CLIENT-MIB	RADIUS Accounting Client MIB
RADIUS-AUTH-CLIENT-MIB	RADIUS Authentication Client MIB
TACACS-CLIENT-MIB	Defines a portion of the SNMP MIB under the NETGEAR Corporation enterprise OID

NETGEAR-MGMT-SECURITY-MIB	pertaining to TACACS+ client configuration. The NETGEAR Private MIB for NETGEAR Mgmt Security
NETGEAR-ROUTING-MIB	NETGEAR Routing - Layer 3
IP-FORWARD-MIB	The MIB module for the management of CIDR multipath IP Routes.
IP-MIB	The MIB module for managing IP and ICMP implementations, but excluding their management of IP routes.
NETGEAR-QOS-MIB	NETGEAR Flex QoS Support
NETGEAR-QOS-ACL-MIB	NETGEAR Flex QoS ACL
NETGEAR-QOS-COS-MIB	NETGEAR Flex QoS COS
NETGEAR-QOS-AUTOVOIP-MIB	NETGEAR Flex QoS VOIP
NETGEAR-QOS-DIFFSERV-PRIVATE-MIB	NETGEAR Flex QoS DiffServ Private MIBs' definitions

***** show hardware *****

Switch: 1

System Description.....	GS748Tv5 ProSafe 48-port Gigabit Ethernet Smart Switch,
6.3.1.43,	
B1.0.0.4	
Machine Model.....	GS748Tv5
Serial Number.....	3H36937T808C8
Burned In MAC Address.....	8C:3B:AD:68:C0:BC
Software Version.....	6.3.1.43
Bootcode Version.....	B1.0.0.4
Supported Java Plugin Version.....	1.6
Current Time.....	Oct 14 16:27:44 2022 GMT(UTC+1:00)
Current SNTP Sync Status.....	Success

***** show environment *****

Temp (C).....
Temperature traps range: 0 to 90 degrees (Celsius)
No temperature sensors detected

Fans:

Unit	Fan	Description	Type	Speed	Duty level	State
1	1	System1	Fixed	Not Supported	Not Supported	Operational
1	2	System2	Fixed	Not Supported	Not Supported	Operational

Power supplies:

Unit	Power supply	Description	Type	State
1	1	AC-1	Fixed	Operational

***** show lldp remote-device all *****

LLDP Remote Device Summary

Local	Interface	RemID	Chassis ID	Port ID	System Name
g1		144	9C:C9:EB:D6:D9:52	g8	GS308T
g2					
g3		143	9C:C9:EB:D6:D9:52	g7	GS308T
g4					
g5					
g6					
g7					
g8					
g9					
g10					
g11					
g12					

g13
g14
g15
g16
g17
g18
g19
g20
g21 2 38:94:ED:16:79:10 g9
g22
g23 6 38:94:ED:16:79:10 g10
g24
g25
g26
g27
g28
g29
g30
g31
g32
g33
g34
g35
g36
g37
g38
g39
g40
g41
g42
g43
g44
g45 3 38:94:ED:16:60:11 g7
g46
g47 4 38:94:ED:16:60:11 g8
g48
g49
g50

***** show logging buffered *****

Buffered (In-Memory) Logging : enabled
Buffered Logging Wrapping Behavior : On
Buffered Log Count : 23201

Buffered Log Threshold (lines) : 160

<14> Oct 14 16:25:42 192.168.10.253-1 General[-1253289292]: main_login.c(763) 36224 %% HTTPS Session 5 initiated for connection from 192.168.20.24
<14> Oct 14 16:25:41 192.168.10.253-1 CLI_WEB[-1253289292]: emweb_common_custom.c(162) 36223 %% HTTPS Session 5 started for user admin connected from 192.168.20.24
<14> Oct 14 16:08:01 192.168.10.253-1 CLI_WEB[-1253793508]: emweb_common_custom.c(119) 36221 %% HTTPS Session 5 ended for user admin connected from 192.168.20.24
<14> Oct 14 16:00:29 192.168.10.253-1 General[-1253289292]: main_login.c(763) 36217 %% HTTPS Session 5 initiated for connection from 192.168.20.24
<14> Oct 14 16:00:29 192.168.10.253-1 CLI_WEB[-1253289292]: emweb_common_custom.c(162) 36216 %% HTTPS Session 5 started for user admin connected from 192.168.20.24
<13> Oct 14 11:53:16 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 36156 %% Link Up: g32
<13> Oct 14 11:53:11 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 36155 %% Link Down: g32
<13> Oct 14 11:52:16 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 36154 %% Link Up: g32
<13> Oct 14 11:52:11 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 36153 %% Link Down: g32
<13> Oct 14 11:51:20 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 36152 %% Link Up: g32
<13> Oct 14 11:51:17 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 36151 %% Link Down: g32
<13> Oct 14 11:51:09 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 36150 %% Link Up: g32
<13> Oct 14 11:50:58 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 36149 %% Link Down: g32
<13> Oct 14 11:50:54 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 36148 %% Link Up: g32
<13> Oct 14 09:06:59 192.168.10.253-1 TRAPMGR[-1253244108]: traputil.c(739) 36137 %% Spanning Tree Topology Change Received: MSTID: 0 g24
<13> Oct 14 09:06:57 192.168.10.253-1 TRAPMGR[-1253244108]: traputil.c(739) 36136 %% Spanning Tree Topology Change Received: MSTID: 0 g24
<13> Oct 14 09:06:55 192.168.10.253-1 TRAPMGR[-1253244108]: traputil.c(739) 36135 %% Spanning Tree Topology

<13> Oct 13 09:05:39 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35897 % Link Up: g24
 <13> Oct 13 09:05:38 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35896 % Link Up: g28
 <13> Oct 13 09:05:38 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35895 % Link Up: g26
 <13> Oct 13 09:01:31 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35894 % Link Down: g30
 <13> Oct 13 09:01:31 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35893 % Link Down: g28
 <13> Oct 13 09:01:31 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35892 % Link Down: g26
 <13> Oct 13 09:01:31 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35891 % Link Down: g24
 <13> Oct 13 09:00:34 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35890 % Link Up: g30
 <13> Oct 13 09:00:34 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35889 % Link Up: g24
 <13> Oct 13 09:00:34 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35888 % Link Up: g28
 <13> Oct 13 09:00:34 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35887 % Link Up: g26
 <13> Oct 13 09:00:30 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35886 % Link Down: g30
 <13> Oct 13 09:00:30 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35885 % Link Down: g28
 <13> Oct 13 09:00:30 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35884 % Link Down: g26
 <13> Oct 13 09:00:30 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35883 % Link Down: g24
 <13> Oct 13 09:00:05 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35882 % Link Up: g30
 <13> Oct 13 09:00:05 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35881 % Link Up: g28
 <13> Oct 13 09:00:05 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35880 % Link Up: g26
 <13> Oct 13 09:00:05 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35879 % Link Up: g24
 <13> Oct 13 09:00:01 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35878 % Link Down: g24
 <13> Oct 13 09:00:01 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35877 % Link Down: g30
 <13> Oct 13 09:00:01 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35876 % Link Down: g28
 <13> Oct 13 09:00:01 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35875 % Link Down: g26
 <13> Oct 13 03:05:28 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35846 % Link Up: g24
 <13> Oct 13 03:05:28 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35845 % Link Up: g30
 <13> Oct 13 03:05:28 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35844 % Link Up: g28
 <13> Oct 13 03:05:28 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35843 % Link Up: g26
 <13> Oct 13 03:05:25 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35842 % Link Down: g24
 <13> Oct 13 03:05:25 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35841 % Link Down: g30
 <13> Oct 13 03:05:25 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35840 % Link Down: g28
 <13> Oct 13 03:05:25 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35839 % Link Down: g26
 <13> Oct 13 03:04:42 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35838 % Link Up: g30
 <13> Oct 13 03:04:39 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35837 % Link Down: g30
 <13> Oct 13 03:04:39 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35836 % Link Up: g28
 <13> Oct 13 03:04:36 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35835 % Link Down: g28
 <13> Oct 13 03:04:36 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35834 % Link Up: g26
 <13> Oct 13 03:04:33 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35833 % Link Down: g26
 <13> Oct 13 03:04:33 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35832 % Link Up: g24
 <13> Oct 13 03:04:30 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35831 % Unit 1 elected as the new STP root
 <13> Oct 13 03:04:30 192.168.10.253-1 TRAPMGR[-1253216388]: traputil.c(696) 35830 % Link Down: g24
 <13> Oct 12 09:07:01 192.168.10.253-1 TRAPMGR[-1253244108]: traputil.c(739) 35716 % Spanning Tree Topology Change Received: MSTID: 0 g24
 <13> Oct 12 09:06:58 192.168.10.253-1 TRAPMGR[-1253244108]: traputil.c(739) 35715 % Spanning Tree Topology Change Received: MSTID: 0 g24
 <13> Oct 12 09:06:56 192.168.10.253-1 TRAPMGR[-1253244108]: traputil.c(739) 35714 % Spanning Tree Topology Change Received: MSTID: 0 g24
 <13> Oct 12 09:06:55 192.168.10.253-1 TRAPMGR[-1253244108]: traputil.c(739) 35713 % Spanning Tree Topology Change Received: MSTID: 0 g24
 <13> Oct 12 09:06:53 192.168.10.253-1 TRAPMGR[-1253244108]: traputil.c(739) 35712 % Spanning Tree Topology Change Received: MSTID: 0 g24
 <13> Oct 12 09:06:50 192.168.10.253-1 TRAPMGR[-1253244108]: traputil.c(739) 35711 % Spanning Tree Topology Change Received: MSTID: 0 g24
 <13> Oct 12 09:06:48 192.168.10.253-1 TRAPMGR[-1253244108]: traputil.c(739) 35710 % Spanning Tree Topology Change Received: MSTID: 0 g24

***** show trap info *****

Number of Traps Since Last Reset..... 23068
 Trap Log Capacity..... 256
 Number of Traps Since Log Last Viewed..... 23068

Log	System	Up Time	Trap
0	Oct 14	11:53:16 2022	Link Up: g32
1	Oct 14	11:53:11 2022	Link Down: g32
2	Oct 14	11:52:16 2022	Link Up: g32
3	Oct 14	11:52:11 2022	Link Down: g32
4	Oct 14	11:51:20 2022	Link Up: g32
5	Oct 14	11:51:17 2022	Link Down: g32
6	Oct 14	11:51:09 2022	Link Up: g32

7 Oct 14 11:50:58 2022 Link Down: g32
8 Oct 14 11:50:54 2022 Link Up: g32
9 Oct 14 09:06:59 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
10 Oct 14 09:06:57 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
11 Oct 14 09:06:55 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
12 Oct 14 09:06:53 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
13 Oct 14 09:06:51 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
14 Oct 14 09:06:49 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
15 Oct 14 09:06:47 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
16 Oct 14 09:06:45 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
17 Oct 14 09:06:43 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
18 Oct 14 09:06:41 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
19 Oct 14 09:06:39 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
20 Oct 14 09:06:37 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
21 Oct 14 09:06:35 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
22 Oct 14 09:06:33 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
23 Oct 14 09:06:31 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
24 Oct 14 09:06:29 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
25 Oct 14 09:06:27 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
26 Oct 14 09:06:26 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
27 Oct 14 09:06:25 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
28 Oct 14 09:06:23 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g30
29 Oct 14 09:06:23 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g28
30 Oct 14 09:06:23 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
31 Oct 14 09:06:23 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g26
32 Oct 14 09:06:21 2022 Spanning Tree Topology Change: 0, Unit: 1
33 Oct 14 09:06:21 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
34 Oct 14 09:06:19 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
35 Oct 14 09:06:17 2022 Spanning Tree Topology Change: 0, Unit: 1
36 Oct 14 09:06:17 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
37 Oct 14 09:06:15 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
38 Oct 14 09:06:13 2022 Spanning Tree Topology Change: 0, Unit: 1
39 Oct 14 09:06:13 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
40 Oct 14 09:06:11 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
41 Oct 14 09:06:09 2022 Spanning Tree Topology Change: 0, Unit: 1
42 Oct 14 09:06:09 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
43 Oct 14 09:06:07 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
44 Oct 14 09:06:05 2022 Spanning Tree Topology Change: 0, Unit: 1
45 Oct 14 09:06:05 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
46 Oct 14 09:06:03 2022 Spanning Tree Topology Change Received: MSTID: 0

g24
47 Oct 14 09:06:01 2022 Spanning Tree Topology Change: 0, Unit: 1
48 Oct 14 09:06:01 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
49 Oct 14 09:05:59 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
50 Oct 14 09:05:57 2022 Spanning Tree Topology Change: 0, Unit: 1
51 Oct 14 09:05:57 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
52 Oct 14 09:05:55 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
53 Oct 14 09:05:53 2022 Spanning Tree Topology Change: 0, Unit: 1
54 Oct 14 09:05:53 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
55 Oct 14 09:05:51 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
56 Oct 14 09:05:50 2022 Spanning Tree Topology Change: 0, Unit: 1
57 Oct 14 09:05:50 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
58 Oct 14 09:05:49 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
59 Oct 14 09:05:48 2022 Link Up: g30
60 Oct 14 09:05:48 2022 Link Up: g28
61 Oct 14 09:05:48 2022 Link Up: g26
62 Oct 14 09:05:47 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g24
63 Oct 14 09:05:47 2022 Spanning Tree Topology Change: 0, Unit: 1
64 Oct 14 09:05:45 2022 Link Down: g30
65 Oct 14 09:05:45 2022 Link Down: g28
66 Oct 14 09:05:45 2022 Link Down: g26
67 Oct 14 09:05:44 2022 Link Up: g24
68 Oct 14 09:05:41 2022 Link Down: g24
69 Oct 14 09:05:39 2022 Link Up: g30
70 Oct 14 09:05:39 2022 Link Up: g28
71 Oct 14 09:05:39 2022 Link Up: g24
72 Oct 14 09:05:39 2022 Link Up: g26
73 Oct 14 09:01:31 2022 Link Down: g30
74 Oct 14 09:01:31 2022 Link Down: g28
75 Oct 14 09:01:31 2022 Link Down: g26
76 Oct 14 09:01:31 2022 Link Down: g24
77 Oct 14 09:00:34 2022 Link Up: g26
78 Oct 14 09:00:34 2022 Link Up: g24
79 Oct 14 09:00:33 2022 Link Up: g30
80 Oct 14 09:00:33 2022 Link Up: g28
81 Oct 14 09:00:30 2022 Link Down: g24
82 Oct 14 09:00:30 2022 Link Down: g30
83 Oct 14 09:00:30 2022 Link Down: g28
84 Oct 14 09:00:30 2022 Link Down: g26
85 Oct 14 09:00:05 2022 Link Up: g30
86 Oct 14 09:00:05 2022 Link Up: g28
87 Oct 14 09:00:05 2022 Link Up: g24
88 Oct 14 09:00:05 2022 Link Up: g26
89 Oct 14 09:00:01 2022 Link Down: g28
90 Oct 14 09:00:01 2022 Link Down: g24
91 Oct 14 09:00:01 2022 Link Down: g30
92 Oct 14 09:00:01 2022 Link Down: g26
93 Oct 14 03:05:33 2022 Link Up: g26
94 Oct 14 03:05:33 2022 Link Up: g24
95 Oct 14 03:05:33 2022 Link Up: g30
96 Oct 14 03:05:33 2022 Link Up: g28
97 Oct 14 03:05:30 2022 Link Down: g24
98 Oct 14 03:05:30 2022 Link Down: g30
99 Oct 14 03:05:30 2022 Link Down: g28
100 Oct 14 03:05:30 2022 Link Down: g26
101 Oct 14 03:04:46 2022 Link Up: g30
102 Oct 14 03:04:43 2022 Link Up: g28
103 Oct 14 03:04:43 2022 Link Down: g30
104 Oct 14 03:04:40 2022 Link Down: g28
105 Oct 14 03:04:39 2022 Link Up: g26
106 Oct 14 03:04:37 2022 Link Down: g26
107 Oct 14 03:04:36 2022 Link Up: g24
108 Oct 14 03:04:33 2022 Unit 1 elected as the new STP root

109 Oct 14 03:04:33 2022 Link Down: g24
110 Oct 13 09:07:01 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
111 Oct 13 09:06:59 2022 Spanning Tree Topology Change: 0, Unit: 1
112 Oct 13 09:06:59 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
113 Oct 13 09:06:57 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
114 Oct 13 09:06:55 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
115 Oct 13 09:06:53 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
116 Oct 13 09:06:51 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
117 Oct 13 09:06:49 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
118 Oct 13 09:06:47 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
119 Oct 13 09:06:45 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
120 Oct 13 09:06:43 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
121 Oct 13 09:06:41 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
122 Oct 13 09:06:39 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
123 Oct 13 09:06:37 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
124 Oct 13 09:06:35 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
125 Oct 13 09:06:33 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
126 Oct 13 09:06:31 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
127 Oct 13 09:06:29 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
128 Oct 13 09:06:27 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
129 Oct 13 09:06:26 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
130 Oct 13 09:06:25 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
131 Oct 13 09:06:24 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
132 Oct 13 09:06:23 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g30
133 Oct 13 09:06:23 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g28
134 Oct 13 09:06:23 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
135 Oct 13 09:06:23 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g26
136 Oct 13 09:06:23 2022 Spanning Tree Topology Change: 0, Unit: 1
137 Oct 13 09:05:48 2022 Link Up: g30
138 Oct 13 09:05:48 2022 Link Up: g28
139 Oct 13 09:05:48 2022 Link Up: g26
140 Oct 13 09:05:47 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g24
141 Oct 13 09:05:47 2022 Spanning Tree Topology Change: 0, Unit: 1
142 Oct 13 09:05:45 2022 Link Down: g30
143 Oct 13 09:05:45 2022 Link Down: g28
144 Oct 13 09:05:45 2022 Link Down: g26
145 Oct 13 09:05:44 2022 Link Up: g24
146 Oct 13 09:05:41 2022 Link Down: g24
147 Oct 13 09:05:39 2022 Link Up: g30
148 Oct 13 09:05:39 2022 Link Up: g24
149 Oct 13 09:05:38 2022 Link Up: g28
150 Oct 13 09:05:38 2022 Link Up: g26
151 Oct 13 09:01:31 2022 Link Down: g30
152 Oct 13 09:01:31 2022 Link Down: g28
153 Oct 13 09:01:31 2022 Link Down: g26
154 Oct 13 09:01:31 2022 Link Down: g24

155 Oct 13 09:00:34 2022 Link Up: g30
156 Oct 13 09:00:34 2022 Link Up: g24
157 Oct 13 09:00:34 2022 Link Up: g28
158 Oct 13 09:00:34 2022 Link Up: g26
159 Oct 13 09:00:30 2022 Link Down: g30
160 Oct 13 09:00:30 2022 Link Down: g28
161 Oct 13 09:00:30 2022 Link Down: g26
162 Oct 13 09:00:30 2022 Link Down: g24
163 Oct 13 09:00:05 2022 Link Up: g30
164 Oct 13 09:00:05 2022 Link Up: g28
165 Oct 13 09:00:05 2022 Link Up: g26
166 Oct 13 09:00:05 2022 Link Up: g24
167 Oct 13 09:00:01 2022 Link Down: g24
168 Oct 13 09:00:01 2022 Link Down: g30
169 Oct 13 09:00:01 2022 Link Down: g28
170 Oct 13 09:00:01 2022 Link Down: g26
171 Oct 13 03:05:28 2022 Link Up: g24
172 Oct 13 03:05:28 2022 Link Up: g30
173 Oct 13 03:05:28 2022 Link Up: g28
174 Oct 13 03:05:28 2022 Link Up: g26
175 Oct 13 03:05:25 2022 Link Down: g24
176 Oct 13 03:05:25 2022 Link Down: g30
177 Oct 13 03:05:25 2022 Link Down: g28
178 Oct 13 03:05:25 2022 Link Down: g26
179 Oct 13 03:04:42 2022 Link Up: g30
180 Oct 13 03:04:39 2022 Link Down: g30
181 Oct 13 03:04:39 2022 Link Up: g28
182 Oct 13 03:04:36 2022 Link Down: g28
183 Oct 13 03:04:36 2022 Link Up: g26
184 Oct 13 03:04:33 2022 Link Down: g26
185 Oct 13 03:04:33 2022 Link Up: g24
186 Oct 13 03:04:30 2022 Unit 1 elected as the new STP root
187 Oct 13 03:04:30 2022 Link Down: g24
188 Oct 12 09:07:01 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
189 Oct 12 09:06:58 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
190 Oct 12 09:06:56 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
191 Oct 12 09:06:55 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
192 Oct 12 09:06:53 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
193 Oct 12 09:06:50 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
194 Oct 12 09:06:48 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
195 Oct 12 09:06:47 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
196 Oct 12 09:06:45 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
197 Oct 12 09:06:42 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
198 Oct 12 09:06:40 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
199 Oct 12 09:06:39 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
200 Oct 12 09:06:37 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
201 Oct 12 09:06:34 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
202 Oct 12 09:06:32 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
203 Oct 12 09:06:31 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
204 Oct 12 09:06:29 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
205 Oct 12 09:06:26 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
206 Oct 12 09:06:26 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
207 Oct 12 09:06:24 2022 Spanning Tree Topology Change Received: MSTID: 0

208 Oct 12 09:06:23 2022 g24
Spanning Tree Topology Change Received: MSTID: 0
g24
209 Oct 12 09:06:22 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g30
210 Oct 12 09:06:22 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g28
211 Oct 12 09:06:22 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g26
212 Oct 12 09:06:21 2022 Spanning Tree Topology Change: 0, Unit: 1
213 Oct 12 09:06:21 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
214 Oct 12 09:06:18 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
215 Oct 12 09:06:16 2022 Spanning Tree Topology Change: 0, Unit: 1
216 Oct 12 09:06:16 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
217 Oct 12 09:06:15 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
218 Oct 12 09:06:13 2022 Spanning Tree Topology Change: 0, Unit: 1
219 Oct 12 09:06:13 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
220 Oct 12 09:06:10 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
221 Oct 12 09:06:08 2022 Spanning Tree Topology Change: 0, Unit: 1
222 Oct 12 09:06:08 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
223 Oct 12 09:06:07 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
224 Oct 12 09:06:05 2022 Spanning Tree Topology Change: 0, Unit: 1
225 Oct 12 09:06:05 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
226 Oct 12 09:06:02 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
227 Oct 12 09:06:00 2022 Spanning Tree Topology Change: 0, Unit: 1
228 Oct 12 09:06:00 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
229 Oct 12 09:05:59 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
230 Oct 12 09:05:57 2022 Spanning Tree Topology Change: 0, Unit: 1
231 Oct 12 09:05:57 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
232 Oct 12 09:05:54 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
233 Oct 12 09:05:52 2022 Spanning Tree Topology Change: 0, Unit: 1
234 Oct 12 09:05:52 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
235 Oct 12 09:05:51 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
236 Oct 12 09:05:49 2022 Spanning Tree Topology Change: 0, Unit: 1
237 Oct 12 09:05:49 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
238 Oct 12 09:05:48 2022 Spanning Tree Topology Change Received: MSTID: 0
g24
239 Oct 12 09:05:47 2022 Link Up: g30
240 Oct 12 09:05:47 2022 Link Up: g28
241 Oct 12 09:05:47 2022 Link Up: g26
242 Oct 12 09:05:46 2022 Spanning Tree Topology Change Initiated: 0,
Interface: g24
243 Oct 12 09:05:46 2022 Spanning Tree Topology Change: 0, Unit: 1
244 Oct 12 09:05:44 2022 Link Down: g30
245 Oct 12 09:05:44 2022 Link Down: g28
246 Oct 12 09:05:44 2022 Link Down: g26
247 Oct 12 09:05:43 2022 Link Up: g24
248 Oct 12 09:05:40 2022 Link Down: g24
249 Oct 12 09:05:38 2022 Link Up: g30
250 Oct 12 09:05:38 2022 Link Up: g28
251 Oct 12 09:05:38 2022 Link Up: g26
252 Oct 12 09:05:37 2022 Link Up: g24
253 Oct 12 09:01:30 2022 Link Down: g30
254 Oct 12 09:01:30 2022 Link Down: g28
255 Oct 12 09:01:30 2022 Link Down: g26

```
***** Show Previous Run Persistent Logs *****  
----- Print file - slog2.txt -----  
----- Print file - olog2.txt -----  
----- Print file - slog1.txt -----  
----- Print file - olog1.txt -----  
----- Print file - slog0.txt -----  
----- Print file - olog0.txt -----  
***** show running Config *****  
!Current Configuration:  
!  
!System Description "GS748Tv5 ProSafe 48-port Gigabit Ethernet Smart Switch, 6.3.1.43, B1.0.0.4"  
!System Software Version "6.3.1.43"  
!System Up Time      "116 days 0 hrs 26 mins 11 secs"  
!Additional Packages   QoS,IPv6 Management,Routing  
!Current SNTP Synchronized Time: Oct 14 15:27:48 2022 UTC  
!  
network protocol none  
network parms 192.168.10.253 255.255.255.0 192.168.10.254  
vlan database  
vlan 10,20,30,40,50,60,70,80  
vlan name 10 "MGMT"  
vlan name 20 "ISP"  
vlan name 30 "VPN"  
vlan name 40 "CAM"  
vlan name 50 "GUEST"  
vlan name 60 "IOT"  
vlan name 70 "DEUS"  
vlan name 80 "PRINT"  
exit  
network mgmt_vlan 10  
no ip http server  
ip http secure-server  
configure  
  sntp client mode unicast  
  sntp server "192.168.10.254"  
  clock timezone 1 minutes 0 zone "GMT"  
  ip name server 192.168.1.254 192.168.10.254 192.168.20.254 192.168.30.254 192.168.40.254 192.168.50.254  
  192.168.60.254 192.168.70.254  
  username "admin" password $6$z10RQNcoTNruj.VF$VoAXyAn6EtFBGTIX7sN9SPtnV8bbwUUlodwAw/0PrjmUQyD./  
  A65zYd6YpgaAVU9SvorTCJuoGdAizqnJpMiql encryption-type sha512 level 15 encrypted  
line console  
serial timeout 0  
exit  
line telnet  
exit  
port-channel name lag 1 LAGG01  
interface g4  
addport lag 1  
exit  
interface g6  
addport lag 1  
exit  
interface g8  
addport lag 1  
exit  
interface g10  
addport lag 1  
exit  
port-channel name lag 2 LAGG02  
interface g45  
addport lag 2  
exit  
interface g47
```

```
addport lag 2
exit
port-channel name lag 3 LAGG03
interface g9
addport lag 3
exit
interface g11
addport lag 3
exit
port-channel name lag 4 LAGG04
interface g21
addport lag 4
exit
interface g23
addport lag 4
exit
port-channel name lag 5 LAGG05
interface g1
addport lag 5
exit
interface g3
addport lag 5
exit
port-channel name lag 6 LAGG06
interface g14
addport lag 6
exit
interface g16
addport lag 6
exit
interface g18
addport lag 6
exit
interface g20
addport lag 6
exit
port-channel name lag 7 LAGG07
interface g5
addport lag 7
exit
interface g7
addport lag 7
exit
snmp-server sysname "48 Port Main Switch"
snmp-server location "Sitting Room"
!
snmp-server community "PembrokeRead"
snmp-server community ipaddr 192.168.20.202 PembrokeRead
snmp-server community ipmask 192.168.20.202 PembrokeRead
snmp-server user "admin" DefaultWrite auth-sha512-key
15abd143da5a137887bb029abbda63cd148363207e3e4dc0ee5ee43b19d0e2cd7356338f905718339bc9c55bf7d698d63f1acba25ba88222f95
priv-aes128-key
15abd143da5a137887bb029abbda63cd148363207e3e4dc0ee5ee43b19d0e2cd7356338f905718339bc9c55bf7d698d63f1acba25ba88222f95
interface g1
description 'UBR Switch LAGG'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g2
description 'Kettop pfSense LAN igb1'
exit
interface g3
description 'UBR Switch LAGG'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g4
description 'Kettop pfSense igb2 LACP Trunk'
vlan pvid 10
vlan participation auto 1
```

```
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g5
description 'LBR LACP Trunk'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g6
description 'Ketttop pfSense igb3 LACP Trunk'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g7
description 'LBR LACP Trunk'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g8
description 'Ketttop pfSense igb4 LACP Trunk'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g9
description 'Living Room TV PoE LACP'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g10
description 'Ketttop pfSense igb5 LACP Trunk'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g11
description 'Living Room TV PoE LACP'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g12
description 'Proxmox MGMT'
vlan pvid 10
vlan participation auto 1
vlan participation include 10
exit
interface g13
description 'LR Right Port GUEST'
vlan pvid 50
vlan participation auto 1
vlan participation include 50
exit
interface g14
description 'Proxmox LACP'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g15
description 'LR Left Port ISP'
vlan pvid 20
vlan participation auto 1
vlan participation include 20
exit
interface g16
description 'Proxmox LACP'
vlan pvid 10
vlan participation auto 1
```

```
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g18
description 'Proxmox LACP'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g20
description 'Proxmox LACP'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g21
description 'Dining Room PoE LACP'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g22
description 'm900usff OMV'
vlan pvid 20
vlan participation auto 1
vlan participation include 20
exit
interface g23
description 'Dining Room PoE LACP'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g24
description 'QNAP P01 MGMT'
vlan pvid 10
vlan participation auto 1
vlan participation include 10
exit
interface g25
description 'MGMT Port'
vlan pvid 10
vlan participation auto 1
vlan participation include 10
exit
interface g26
description 'QNAP P02 ISP'
vlan pvid 20
vlan participation auto 1
vlan participation include 20
exit
interface g28
description 'QNAP P03 VPN'
vlan pvid 30
vlan participation auto 1
vlan participation include 30
exit
interface g30
description 'QNAP P04 CAM'
vlan pvid 40
vlan participation auto 1
vlan participation include 40
exit
interface g32
description 'm900i5 -ESXi'
vlan pvid 10
vlan participation auto 1
vlan participation include 10
exit
interface g34
description 'Xerox Printer'
vlan pvid 80
vlan participation auto 1
```

```
vlan participation include 80
exit
interface g45
description 'Cabinet PoE uplink LACP'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface g47
description 'Cabinet PoE uplink LACP'
vlan pvid 10
vlan participation auto 1
vlan participation include 10,20,30,40,50,60,70,80
exit
interface lag 1
description 'pfSense igb2, igb3, igb4, igb5'
no port-channel static
vlan participation include 10,20,30,40,50,60,70,80
vlan tagging 10,20,30,40,50,60,70,80
exit
interface lag 2
description 'Cabinet PoE'
no port-channel static
vlan participation include 10,20,30,40,50,60,70,80
vlan tagging 10,20,30,40,50,60,70,80
exit
interface lag 3
description 'LR TV PoE'
no port-channel static
vlan participation include 10,20,30,40,50,60,70,80
vlan tagging 10,20,30,40,50,60,70,80
exit
interface lag 4
description 'Dining Room PoE'
no port-channel static
vlan participation include 10,20,30,40,50,60,70,80
vlan tagging 10,20,30,40,50,60,70,80
exit
interface lag 5
description 'UBR Switch'
no port-channel static
vlan participation include 10,20,30,40,50,60,70,80
vlan tagging 10,20,30,40,50,60,70,80
exit
interface lag 6
description 'Proxmox QUAD LACP'
no port-channel static
vlan participation include 10,20,30,40,50,60,70,80
vlan tagging 10,20,30,40,50,60,70,80
exit
interface lag 7
description 'LBR LACP'
no port-channel static
vlan participation include 10,20,30,40,50,60,70,80
vlan tagging 10,20,30,40,50,60,70,80
exit
exit
```

***** show spanning-tree*****

Bridge Priority.....	32768
Bridge Identifier.....	80:00:8C:3B:AD:68:C0:BC
Time Since Topology Change.....	0 day 7 hr 21 min 30 sec
Topology Change Count.....	214
Topology Change in progress.....	False
Designated Root.....	80:00:24:5E:BE:18:81:03
Root Path Cost.....	20000
Root Port Identifier.....	80:18
Bridge Max Age.....	20
Bridge Max Hops.....	20
Bridge Tx Hold Count.....	6

Bridge Forwarding Delay..... 15
 Hello Time..... 2
 Bridge Hold Time..... 6
 CST Regional Root..... 80:00:8C:3B:AD:68:C0:BC
 Regional Root Path Cost..... 0
 Port Triggered TC..... 30

Associated FIDs	Associated VLANs
1	1
2	2
3	3
10	10
20	20
30	30
40	40
50	50
60	60
70	70
80	80

***** show interface ethernet switchport *****

Total Packets Received (Octets)..... 3328171564
 Packets Received Without Error..... 29139015
 Unicast Packets Received..... 334371
 Multicast Packets Received..... 15052759
 Broadcast Packets Received..... 13751885
 Receive Packets Discarded..... 0

 Octets Transmitted..... 2153527712
 Packets Transmitted Without Errors..... 80391775
 Unicast Packets Transmitted..... 339722
 Multicast Packets Transmitted..... 80051876
 Broadcast Packets Transmitted..... 177
 Transmit Packets Discarded..... 0

 Packets forwarded by cpu..... 0
 IP Packets received without errors..... 22954040

 Most Address Entries Ever Used..... 59
 Address Entries Currently in Use..... 45

 Maximum VLAN Entries..... 256
 Most VLAN Entries Ever Used..... 11
 Static VLAN Entries..... 11
 Dynamic VLAN Entries..... 0
 VLAN Deletes..... 0
 Time Since Counters Last Cleared..... 116 day 0 hr 26 min 13 sec

***** show mac-addr-table *****

Address Entries Currently in Use..... 45

VLAN ID	MAC Address	Interface	IfIndex	Status
1	00:15:17:F0:1D:C4	lag 6	57	Learned
1	00:15:17:F0:1D:C5	lag 6	57	Learned
1	00:15:17:F0:1D:C6	lag 6	57	Learned
1	00:15:17:F0:1D:C7	lag 6	57	Learned
1	38:94:ED:16:60:13	lag 2	53	Learned
1	38:94:ED:16:79:12	lag 4	55	Learned
1	40:62:31:08:75:F1	lag 1	52	Learned
1	40:62:31:08:75:F2	lag 1	52	Learned
1	40:62:31:08:75:F3	lag 1	52	Learned
1	9C:C9:EB:D6:D9:54	lag 5	56	Learned
10	24:5E:BE:18:81:03	g24	24	Learned
10	2A:E8:D3:3B:0D:36	g12	12	Learned
10	38:94:ED:16:60:11	lag 2	53	Learned

```

10 38:94:ED:16:79:10 lag 4      55 Learned
10 40:62:31:08:75:F1 lag 1      52 Learned
10 4C:CC:6A:58:CB:D2 g12       12 Learned
10 8C:3B:AD:68:C0:BC CPU Interface: 5/1 51 Management
10 98:DA:C4:47:E8:7A lag 2      53 Learned
10 9C:C9:EB:D6:D9:52 lag 5      56 Learned
20 00:0C:29:34:8E:28 lag 4      55 Learned
20 00:0C:29:41:EF:68 lag 4      55 Learned
20 08:8F:C3:2B:A1:CC lag 5      56 Learned
20 22:EE:DB:68:AA:DE lag 6      57 Learned
20 24:5E:BE:18:81:04 g26       26 Learned
20 40:45:DA:DE:62:F8 lag 2      53 Learned
20 40:62:31:08:75:F1 lag 1      52 Learned
20 46:4B:7E:B9:62:43 lag 6      57 Learned
20 4A:09:64:9A:5A:A1 lag 6      57 Learned
20 6A:C2:5D:8C:56:17 lag 6      57 Learned
20 76:C5:3D:E3:CC:A6 lag 6      57 Learned
20 9A:07:AE:04:AA:76 lag 6      57 Learned
20 C0:10:B1:AF:91:BF lag 2      53 Learned
20 C8:5B:76:67:05:5D lag 4      55 Learned
20 F6:68:B8:58:9F:A0 lag 6      57 Learned
30 08:8F:C3:33:01:B3 lag 5      56 Learned
30 24:5E:BE:18:81:05 g28       28 Learned
30 40:62:31:08:75:F1 lag 1      52 Learned
30 B6:2C:63:7F:EA:FF lag 6      57 Learned
40 00:14:D1:95:1A:59 lag 2      53 Learned
40 24:5E:BE:18:81:06 g30       30 Learned
40 40:62:31:08:75:F1 lag 1      52 Learned
40 D8:EB:97:CD:76:2B lag 2      53 Learned
40 D8:EB:97:CD:76:69 lag 2      53 Learned
50 40:62:31:08:75:F1 lag 1      52 Learned
50 A0:CE:C8:D6:EC:75 lag 5      56 Learned

```

***** Show Vlan brief *****

```

Maximum VLAN Entries..... 256
VLAN Entries Currently in Use..... 11

```

VLAN ID	VLAN Name	VLAN Type
1	Default	Default
2	Auto VoIP	AUTO VoIP
3	Auto-Video	Auto-Video
10	MGMT	Static
20	ISP	Static
30	VPN	Static
40	CAM	Static
50	GUEST	Static
60	IOT	Static
70	DEUS	Static
80	PRINT	Static

***** show port status all *****

Intf	Media Type	STP Mode	Physical Mode	Physical Status	Link Status	Loop Status	Partner Flow Control
g1	1000TX	DIS	Auto	1000 Full	Up	Off	
g2	1000TX	FWD	Auto	1000 Full	Up	On	
g3	1000TX	DIS	Auto	1000 Full	Up	Off	
g4	1000TX	DIS	Auto	1000 Full	Up	On	
g5		DIS	Auto		Down	Off	
g6	1000TX	DIS	Auto	1000 Full	Up	On	
g7		DIS	Auto		Down	Off	
g8	1000TX	DIS	Auto	1000 Full	Up	On	
g9		DIS	Auto		Down	Off	
g10	100TX	FWD	Auto	100T Full	Up	On	
g11		DIS	Auto		Down	Off	
g12	1000TX	FWD	Auto	1000 Full	Up	On	

g13		DIS	Auto		Down	Off
g14	1000TX	DIS	Auto	1000 Full	Up	On
g15		DIS	Auto		Down	Off
g16	1000TX	DIS	Auto	1000 Full	Up	On
g17		DIS	Auto		Down	Off
g18	1000TX	DIS	Auto	1000 Full	Up	On
g19		DIS	Auto		Down	Off
g20	1000TX	DIS	Auto	1000 Full	Up	On
g21	1000TX	DIS	Auto	1000 Full	Up	On
g22	10TX	FWD	Auto	10T Full	Up	On
g23	1000TX	DIS	Auto	1000 Full	Up	Off
g24	1000TX	FWD	Auto	1000 Full	Up	On
g25		DIS	Auto		Down	Off
g26	1000TX	FWD	Auto	1000 Full	Up	On
g27		DIS	Auto		Down	Off
g28	1000TX	FWD	Auto	1000 Full	Up	On
g29		DIS	Auto		Down	Off
g30	1000TX	FWD	Auto	1000 Full	Up	On
g31		DIS	Auto		Down	Off
g32	10TX	FWD	Auto	10T Full	Up	Off
g33		DIS	Auto		Down	Off
g34		DIS	Auto		Down	Off
g35		DIS	Auto		Down	Off
g36		DIS	Auto		Down	Off
g37		DIS	Auto		Down	Off
g38		DIS	Auto		Down	Off
g39		DIS	Auto		Down	Off
g40		DIS	Auto		Down	Off
g41		DIS	Auto		Down	Off
g42		DIS	Auto		Down	Off
g43		DIS	Auto		Down	Off
g44		DIS	Auto		Down	Off
g45	1000TX	DIS	Auto	1000 Full	Up	Off
g46		DIS	Auto		Down	Off
g47	1000TX	DIS	Auto	1000 Full	Up	Off
g48		DIS	Auto		Down	Off
g49		DIS	Auto		Down	Off
g50		DIS	Auto		Down	Off
lag 1		FWD			Up	Off
lag 2		FWD			Up	Off
lag 3		DIS			Down	Off
lag 4		FWD			Up	Off
lag 5		FWD			Up	Off
lag 6		FWD			Up	Off
lag 7		DIS			Down	Off
lag 8		DIS			Down	Off
lag 9		DIS			Down	Off
lag 10		DIS			Down	Off
lag 11		DIS			Down	Off
lag 12		DIS			Down	Off
lag 13		DIS			Down	Off
lag 14		DIS			Down	Off
lag 15		DIS			Down	Off
lag 16		DIS			Down	Off
lag 17		DIS			Down	Off
lag 18		DIS			Down	Off
lag 19		DIS			Down	Off
lag 20		DIS			Down	Off
lag 21		DIS			Down	Off
lag 22		DIS			Down	Off
lag 23		DIS			Down	Off
lag 24		DIS			Down	Off
lag 25		DIS			Down	Off
lag 26		DIS			Down	Off

***** show wlan port all *****

	Port VLAN ID	Port VLAN ID	Ingress Acceptable Frame Types	Ingress Filtering Configured	Ingress Filtering Current	Default Priority
Interface	Configured	Current	Frame Types	Configured	Current	Priority

g1	10	1	Admit All	Disable	Disable	0
g2	1	1	Admit All	Disable	Disable	0
g3	10	1	Admit All	Disable	Disable	0
g4	10	1	Admit All	Disable	Disable	0
g5	10	10	Admit All	Disable	Disable	0
g6	10	1	Admit All	Disable	Disable	0
g7	10	10	Admit All	Disable	Disable	0
g8	10	1	Admit All	Disable	Disable	0
g9	10	10	Admit All	Disable	Disable	0
g10	10	10	Admit All	Disable	Disable	0
g11	10	10	Admit All	Disable	Disable	0
g12	10	10	Admit All	Disable	Disable	0
g13	50	50	Admit All	Disable	Disable	0
g14	10	1	Admit All	Disable	Disable	0
g15	20	20	Admit All	Disable	Disable	0
g16	10	1	Admit All	Disable	Disable	0
g17	1	1	Admit All	Disable	Disable	0
g18	10	1	Admit All	Disable	Disable	0
g19	1	1	Admit All	Disable	Disable	0
g20	10	1	Admit All	Disable	Disable	0
g21	10	1	Admit All	Disable	Disable	0
g22	20	20	Admit All	Disable	Disable	0
g23	10	1	Admit All	Disable	Disable	0
g24	10	10	Admit All	Disable	Disable	0
g25	10	10	Admit All	Disable	Disable	0
g26	20	20	Admit All	Disable	Disable	0
g27	1	1	Admit All	Disable	Disable	0
g28	30	30	Admit All	Disable	Disable	0
g29	1	1	Admit All	Disable	Disable	0
g30	40	40	Admit All	Disable	Disable	0
g31	1	1	Admit All	Disable	Disable	0
g32	10	10	Admit All	Disable	Disable	0
g33	1	1	Admit All	Disable	Disable	0
g34	80	80	Admit All	Disable	Disable	0
g35	1	1	Admit All	Disable	Disable	0
g36	1	1	Admit All	Disable	Disable	0
g37	1	1	Admit All	Disable	Disable	0
g38	1	1	Admit All	Disable	Disable	0
g39	1	1	Admit All	Disable	Disable	0
g40	1	1	Admit All	Disable	Disable	0
g41	1	1	Admit All	Disable	Disable	0
g42	1	1	Admit All	Disable	Disable	0
g43	1	1	Admit All	Disable	Disable	0
g44	1	1	Admit All	Disable	Disable	0
g45	10	1	Admit All	Disable	Disable	0
g46	1	1	Admit All	Disable	Disable	0
g47	10	1	Admit All	Disable	Disable	0
g48	1	1	Admit All	Disable	Disable	0
g49	1	1	Admit All	Disable	Disable	0
g50	1	1	Admit All	Disable	Disable	0
lag 1	1	1	Admit All	Disable	Disable	0
lag 2	1	1	Admit All	Disable	Disable	0
lag 3	1	1	Admit All	Disable	Disable	0
lag 4	1	1	Admit All	Disable	Disable	0
lag 5	1	1	Admit All	Disable	Disable	0
lag 6	1	1	Admit All	Disable	Disable	0
lag 7	1	1	Admit All	Disable	Disable	0
lag 8	1	1	Admit All	Disable	Disable	0
lag 9	1	1	Admit All	Disable	Disable	0
lag 10	1	1	Admit All	Disable	Disable	0
lag 11	1	1	Admit All	Disable	Disable	0
lag 12	1	1	Admit All	Disable	Disable	0
lag 13	1	1	Admit All	Disable	Disable	0
lag 14	1	1	Admit All	Disable	Disable	0
lag 15	1	1	Admit All	Disable	Disable	0
lag 16	1	1	Admit All	Disable	Disable	0
lag 17	1	1	Admit All	Disable	Disable	0
lag 18	1	1	Admit All	Disable	Disable	0
lag 19	1	1	Admit All	Disable	Disable	0
lag 20	1	1	Admit All	Disable	Disable	0
lag 21	1	1	Admit All	Disable	Disable	0
lag 22	1	1	Admit All	Disable	Disable	0

```
lag 23      1          1      Admit All    Disable    Disable    0
lag 24      1          1      Admit All    Disable    Disable    0
lag 25      1          1      Admit All    Disable    Disable    0
lag 26      1          1      Admit All    Disable    Disable    0
```

***** show arp *****

```
Age Time (seconds)..... 1200
Response Time (seconds)..... 10
Retries..... 10
Cache Size..... 512
Dynamic Renew Mode ..... Enable
Total Entry Count Current / Peak ..... 0 / 0
Static Entry Count Configured / Active / Max .. 0 / 0 / 32
```

IP Address	MAC Address	Interface	Type	Age
-----	-----	-----	-----	-----

***** Show ip route *****

Route Codes: C - Connected, S - Static

***** Show ip stats *****

```
IpInReceives..... 791700
IpInHdrErrors..... 0
IpInAddrErrors..... 0
IpForwDatagrams..... 0
IpInUnknownProtos..... 0
IpInDiscards..... 0
IpInDelivers..... 791700
IpOutRequests..... 209068
IpOutDiscards..... 0
IpOutNoRoutes..... 0
IpReasmTimeout..... 0
IpReasmReqds..... 0
IpReasmOKs..... 0
IpReasmFails..... 0
IpFragOKs..... 0
IpFragFails..... 4
IpFragCreates..... 0
IpRoutingDiscards..... 0
IcmpInMsgs..... 101
IcmpInErrors..... 0
IcmpInDestUnreachs..... 101

IcmpInTimeExcds..... 0
IcmpInParmProbs..... 0
IcmpInSrcQuenches..... 0
IcmpInRedirects..... 0
IcmpInEchos..... 0
IcmpInEchoReps..... 0
IcmpInTimestamps..... 0
IcmpInTimestampReps..... 0
IcmpInAddrMasks..... 0
IcmpInAddrMaskReps..... 0
IcmpOutMsgs..... 36
IcmpOutErrors..... 0
IcmpOutDestUnreachs..... 36
IcmpOutTimeExcds..... 0
IcmpOutParmProbs..... 0
IcmpOutSrcQuenches..... 0
IcmpOutRedirects..... 0
IcmpOutEchos..... 0
IcmpOutEchoReps..... 0
IcmpOutTimestamps..... 0
IcmpOutTimestampReps..... 0
```

IcmpOutAddrMasks..... 0

***** Show ip vlan *****

There are no configured VLANs on which routing is enabled.

***** Show process cpu *****

Memory Utilization Report status bytes

```
-----  
free      46194688  
alloc     83644416
```

CPU Utilization:

PID	Name	5 Secs	60 Secs	300 Secs
784	(spi1)	10.64%	2.65%	0.59%
1071	(jffs2_gcd_mtd6)	0.00%	0.53%	0.13%
1183	osapiTimer	0.19%	0.05%	0.01%
1185	_interrupt_thread	0.00%	0.16%	0.21%
1186	socdmadesc.0	0.00%	0.01%	0.01%
1189	bcmL2X.0	8.86%	7.28%	7.15%
1190	bcmCNTR.0	1.77%	0.85%	0.68%
1193	bcmLINK.0	4.72%	4.00%	3.79%
1195	bcmL2X.1	7.68%	7.28%	7.20%
1196	bcmCNTR.1	0.78%	0.83%	0.80%
1197	bcmLINK.1	4.13%	3.79%	3.64%
1198	bcmRX	0.19%	0.13%	0.16%
1199	cpuUtilMonitorTask	0.39%	0.46%	0.44%
1201	tL7Timer0	0.00%	0.02%	0.02%
1204	tap_monitor_task	0.00%	0.20%	0.22%
1218	dtlTask	0.00%	0.06%	0.06%
1222	hapiRxTask	0.00%	0.04%	0.06%
1229	emWeb	23.45%	4.46%	1.48%
1251	dot1s_task	0.00%	0.01%	0.01%
1261	dot3ad_core_lac_tas	0.00%	0.02%	0.01%
1269	ipMapForwardingTask	0.00%	0.03%	0.07%
1280	lldpTask	0.19%	0.67%	0.70%
1284	RMONTask	0.00%	1.55%	1.90%
1295	dot1as_timer_task	1.97%	0.55%	0.15%
2004	ssltConnTask	0.00%	0.05%	0.01%
<hr/>				
Total CPU Utilization		65.03%	36.19%	30.09%

***** Show mbuf total *****

```
Mbufs Total..... 100
Mbufs Free..... 100
Mbufs Rx Used..... 0
Total Rx Norm Alloc Attempts..... 5451774
Total Rx Mid2 Alloc Attempts..... 12776882
Total Rx Mid1 Alloc Attempts..... 9
Total Rx Mid0 Alloc Attempts..... 0
Total Rx High Alloc Attempts..... 10910681
Total Tx Alloc Attempts..... 149247067
Total Rx Norm Alloc Failures..... 260
Total Rx Mid2 Alloc Failures..... 6
Total Rx Mid1 Alloc Failures..... 0
Total Rx Mid0 Alloc Failures..... 0
Total Rx High Alloc Failures..... 0
Total Tx Alloc Failures..... 0
```

***** Show port-channel all *****

Log.	Channel	Adm.	Mbr	Device/	Port	Port
------	---------	------	-----	---------	------	------

Intf	Name	Min	Link	Mode	Type	Ports	Timeout	Speed	Active
lag 1	LAGG01	1	Up	En.	Dyn.	g4	actor/long	Auto	True
							partner/long	Auto	True
							actor/long	Auto	True
							partner/long	Auto	True
							actor/long	Auto	False
lag 2	LAGG02	1	Up	En.	Dyn.	g45	actor/long	Auto	True
							partner/long	Auto	True
lag 3	LAGG03	1	Down	En.	Dyn.	g9	actor/long	Auto	False
							partner/long	Auto	False
lag 4	LAGG04	1	Up	En.	Dyn.	g21	actor/long	Auto	True
							partner/long	Auto	True
lag 5	LAGG05	1	Up	En.	Dyn.	g1	actor/long	Auto	True
							partner/long	Auto	True
lag 6	LAGG06	1	Up	En.	Dyn.	g14	actor/long	Auto	True
							partner/long	Auto	True
							actor/long	Auto	True
							partner/long	Auto	True
lag 7	LAGG07	1	Down	En.	Dyn.	g5	actor/long	Auto	False
							partner/long	Auto	False
lag 8	ch8	1	Down	En.	Stat				
lag 9	ch9	1	Down	En.	Stat				
lag 10	ch10	1	Down	En.	Stat				
lag 11	ch11	1	Down	En.	Stat				
lag 12	ch12	1	Down	En.	Stat				
lag 13	ch13	1	Down	En.	Stat				
lag 14	ch14	1	Down	En.	Stat				
lag 15	ch15	1	Down	En.	Stat				
lag 16	ch16	1	Down	En.	Stat				
lag 17	ch17	1	Down	En.	Stat				
lag 18	ch18	1	Down	En.	Stat				
lag 19	ch19	1	Down	En.	Stat				
lag 20	ch20	1	Down	En.	Stat				
lag 21	ch21	1	Down	En.	Stat				
lag 22	ch22	1	Down	En.	Stat				
lag 23	ch23	1	Down	En.	Stat				
lag 24	ch24	1	Down	En.	Stat				
lag 25	ch25	1	Down	En.	Stat				
lag 26	ch26	1	Down	En.	Stat				

***** Show Routing Heap Summary *****

Heap Size 3593536
Memory In Use 54100 (1%)
Memory on Free List 47 (0%)
Memory Available in Heap 3539420 (98%)
In Use High Water Mark 54147 (1%)

***** Debug crashlog 0 *****

Displaying Switching software Crash Dump 0
For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)
Crash Dump 0 is not found

***** Debug crashlog 1 *****
Displaying Switching software Crash Dump 1
For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)
Crash Dump 1 is not found

***** Debug crashlog 2 *****
Displaying Switching software Crash Dump 2
For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)
Crash Dump 2 is not found

***** Debug crashlog 3 *****
Displaying Switching software Crash Dump 3
For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)
Crash Dump 3 is not found

***** Debug crashlog 4 *****
Displaying Switching software Crash Dump 4
For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)
Crash Dump 4 is not found

***** Debug crashlog kernel 0 *****
Displaying Kernel Crash Dump 0
For Switching software CrashDump - osapiDebugCrashDumpDisplay(x,0)
Crash Dump 0 is not found

***** Debug crashlog kernel 1 *****
Displaying Kernel Crash Dump 1
For Switching software CrashDump - osapiDebugCrashDumpDisplay(x,0)
Crash Dump 1 is not found

***** Debug crashlog kernel 2 *****
Displaying Kernel Crash Dump 2
For Switching software CrashDump - osapiDebugCrashDumpDisplay(x,0)
Crash Dump 2 is not found

***** Debug crashlog kernel 3 *****
Displaying Kernel Crash Dump 3
For Switching software CrashDump - osapiDebugCrashDumpDisplay(x,0)
Crash Dump 3 is not found

***** Debug crashlog kernel 4 *****
Displaying Kernel Crash Dump 4
For Switching software CrashDump - osapiDebugCrashDumpDisplay(x,0)
Crash Dump 4 is not found