

TechSupportSwitch1V12.0.2.17.txt

\*\*\*\*\* show version \*\*\*\*\*

Switch: 1

System Description..... M4300-28G-PoE+ ProSAFE 24-port  
1G PoE+ and 2-port 10GBASE-T and 2-port 10G SFP+, 12.0.2.17, 1.0.0.8

Machine Model..... M4300-28G-PoE+  
Serial Number.....  
Burned In MAC Address.....  
Software Version..... 12.0.2.17  
CPLD version..... 0x1  
Bootcode Version..... 1.0.0.8  
Current Time..... Nov 27 08:49:20 2017  
CET(UTC+1:00)  
Current SNTP Sync Status..... Success

\*\*\*\*\* show sysinfo \*\*\*\*\*

System Description..... M4300-28G-PoE+ ProSAFE 24-port  
1G PoE+ and 2-port 10GBASE-T and 2-port 10G SFP+, 12.0.2.17, 1.0.0.8

System Name.....  
System Location.....  
System Contact.....  
System Object ID..... 1.3.6.1.4.1.4526.100.1.32  
System Up Time..... 2 days 20 hrs 51 mins 40 secs  
Current SNTP Synchronized Time..... Nov 27 07:49:21 2017 UTC

MIBs Supported:

RFC 1907 - SNMPv2-MIB	The MIB module for SNMPv2 entities
HC-RMON-MIB	The original version of this MIB, published as RFC3273.
HCNUM-TC	A MIB module containing textual conventions for high capacity data types.
SNMP-COMMUNITY-MIB	This MIB module defines objects to help support coexistence between SNMPv1, SNMPv2, and SNMPv3.
SNMP-MPD-MIB	The MIB for Message Processing and Dispatching
SNMP-TARGET-MIB	The Target MIB Module
SNMP-VIEW-BASED-ACM-MIB	The management information definitions for the View-based Access Control Model for SNMP.
NETGEAR-POWER-ETHERNET-MIB	NETGEAR Power Ethernet Extensions MIB

TechSupportSwitch1V12.0.2.17.txt

SFLOW-MIB	sFlow MIB
NETGEAR-ISDP-MIB	Industry Standard Discovery Protocol MIB
NETGEAR-BOXSERVICES-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Box Services Feature.
IANA-ADDRESS-FAMILY-NUMBERS-MIB	The MIB module defines the AddressFamilyNumbers textual convention.
NETGEAR-DHCPCLIENT-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR DHCP Client
NETGEAR-DENIALOFSERVICE-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Denial of Service.
NETGEAR-KEYING-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Keying Utility
LLDP-EXT-DOT3-MIB	The LLDP Management Information Base extension module for IEEE 802.3 organizationally defined discovery information.
NETGEAR-LLPF-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Link Local Protocol Filtering.
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-RESOLVER-MIB	The MIB module for entities implementing the client (resolver) side of the Domain Name System (DNS) protocol.
NETGEAR-OUTBOUNDTELNET-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Outbound Telnet
NETGEAR-TIMEZONE-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR for system time, timezone and summer-time settings
LAG-MIB	The Link Aggregation module for managing IEEE 802.3ad
RFC 1493 - BRIDGE-MIB	Definitions of Managed Objects for Bridges (dot1d)
RFC 2674 - Q-BRIDGE-MIB	The VLAN Bridge MIB module for managing Virtual Bridged Local Area Networks
RFC 2863 - IF-MIB	The Interfaces Group MIB using SMIV2
NETGEAR-SWITCHING-MIB	NETGEAR Switching - Layer 2
NETGEAR-PORTSECURITY-PRIVATE-MIB	Port Security MIB.
IANAifType-MIB	This MIB module defines the IANAifType Textual Convention
MAU-MIB	Management information for 802.3 MAUs.
NETGEAR-MVR-PRIVATE-MIB	The NETGEAR Private MIB for MVR Configuration
IEEE8021-PFC-MIB	Priority-based Flow Control module for managing IEEE 802.1Qbb
IEEE8021-PAE-MIB	Port Access Entity module for managing IEEE 802.1X.
NETGEAR-DOT1X-AUTHENTICATION-SERVER-MIB	The NETGEAR Private MIB for NETGEAR Dot1x Authentication Server
RADIUS-ACC-CLIENT-MIB	RADIUS Accounting Client MIB
TACACS-CLIENT-MIB	Defines a portion of the SNMP MIB under the NETGEAR Corporation enterprise OID pertaining to TACACS+ client configuration.

TechSupportSwitch1V12.0.2.17.txt

NETGEAR-AUTHENTICATION-MANAGER-MIB B The NETGEAR Private MIB for NETGEAR authentication manager feature.  
 RFC 1724 - RIPV2-MIB RIP Version 2 MIB Extension  
 RFC 1850 - OSPF-TRAP-MIB The MIB module to describe traps for the OSPF Version 2 Protocol.  
 NETGEAR-ROUTING-MIB NETGEAR Routing - Layer 3  
 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-COS-MIB NETGEAR Flex QOS COS  
 RFC 3289 - DIFFSERV-DSCP-TC Management Information Base for the Textual Conventions used in DIFFSERV-MIB  
 NETGEAR-QOS-DIFFSERV-EXTENSIONS-MIB NETGEAR Flex QOS DiffServ Private MIBs' definitions  
 NETGEAR-QOS-ISCSI-MIB NETGEAR Flex QOS iSCSI Flow Acceleration MIBs' definitions  
 draft-ietf-magma-mgmd-mib-03 MGMD MIB, includes IGMPv3 and MLDv2.  
 RFC 5240 - PIM-BSR-MIB Bootstrap Router mechanism for PIM routers  
 IANA-RTPROTO-MIB IANA IP Route Protocol and IP MRoute Protocol Textual Conventions  
 IPMROUTE-STD-MIB The MIB module for management of IP Multicast routing, but independent of the specific multicast routing protocol in use.  
 NETGEAR-NSF-MIB The MIB module defines objects to configure Non Stop Forwarding.  
 RFC 2466 - IPV6-ICMP-MIB Management Information Base for IP Version 6: ICMPv6 Group  
 NETGEAR-ROUTING6-MIB The NETGEAR Private MIB for NETGEAR IPv6 Routing.  
 NETGEAR-IPV6-LOOPBACK-MIB The NETGEAR Private MIB for NETGEAR Loopback IPV6 address configuration.

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

Total Packets Received (Octets)..... 197537322  
 Packets Received Without Error..... 2112691  
 Unicast Packets Received..... 10515  
 Multicast Packets Received..... 806130  
 Broadcast Packets Received..... 1296046  
 Receive Packets Discarded..... 0  
 Octets Transmitted..... 71799302  
 Packets Transmitted Without Errors..... 361632  
 Unicast Packets Transmitted..... 10671  
 Multicast Packets Transmitted..... 350951  
 Broadcast Packets Transmitted..... 10  
 Transmit Packets Discarded..... 0  
 Packets forwarded by cpu..... 0

IP Packets received without errors..... 2275948

Most Address Entries Ever Used..... 111

Address Entries Currently in Use..... 107

Maximum VLAN Entries..... 4093

Most VLAN Entries Ever Used..... 4

Static VLAN Entries..... 4

Dynamic VLAN Entries..... 0

VLAN Deletes..... 0

Time Since Counters Last Cleared..... 2 day 20 hr 51 min 40 sec

\*\*\*\*\* show port all \*\*\*\*\*

Intf	Type	Admin Mode	Physical Mode	Physical Status	Link Status	Link Trap	LACP Mode	Flow Mode
1/0/1		Enable	Auto		Down	Enable	Enable	Disable
1/0/2		Enable	Auto		Down	Enable	Enable	Disable
1/0/3		Enable	Auto		Down	Enable	Enable	Disable
1/0/4		Enable	Auto		Down	Enable	Enable	Disable
1/0/5		Enable	Auto		Down	Enable	Enable	Disable
1/0/6		Enable	Auto		Down	Enable	Enable	Disable
1/0/7		Enable	Auto		Down	Enable	Enable	Disable
1/0/8		Enable	Auto		Down	Enable	Enable	Disable
1/0/9		Enable	Auto		Down	Enable	Enable	Disable
1/0/10		Enable	Auto		Down	Enable	Enable	Disable
1/0/11		Enable	Auto		Down	Enable	Enable	Disable
1/0/12		Enable	Auto		Down	Enable	Enable	Disable
1/0/13		Enable	Auto		Down	Enable	Enable	Disable
1/0/14		Enable	Auto		Down	Enable	Enable	Disable
1/0/15		Enable	Auto		Down	Enable	Enable	Disable
1/0/16		Enable	Auto		Down	Enable	Enable	Disable
1/0/17		Enable	Auto		Down	Enable	Enable	Disable
1/0/18		Enable	Auto		Down	Enable	Enable	Disable
1/0/19		Enable	Auto		Down	Enable	Enable	Disable
1/0/20		Enable	Auto		Down	Enable	Enable	Disable
1/0/21		Enable	Auto		Down	Enable	Enable	Disable
1/0/22		Enable	Auto		Down	Enable	Enable	Disable
1/0/23		Enable	Auto		Down	Enable	Enable	Disable
1/0/24		Enable	Auto	1000 Full	Up	Enable	Enable	Disable
1/0/25		Enable	Auto		Down	Enable	Enable	Disable
1/0/26		Enable	Auto		Down	Enable	Enable	Disable
1/0/27		Enable	10G Full	10G Full	Up	Enable	Enable	Disable
1/0/28		Enable	10G Full	10G Full	Up	Enable	Enable	Disable
lag 1		Enable			Down	Disable	N/A	Disable
lag 2		Enable			Down	Disable	N/A	Disable
lag 3		Enable			Down	Disable	N/A	Disable
lag 4		Enable			Down	Disable	N/A	Disable
lag 5		Enable			Down	Disable	N/A	Disable

TechSupportSwitch1V12.0.2.17.txt

lag 6	Enable	Down	Disable	N/A	Disable
lag 7	Enable	Down	Disable	N/A	Disable
lag 8	Enable	Down	Disable	N/A	Disable
lag 9	Enable	Down	Disable	N/A	Disable
lag 10	Enable	Down	Disable	N/A	Disable
lag 11	Enable	Down	Disable	N/A	Disable
lag 12	Enable	Down	Disable	N/A	Disable
lag 13	Enable	Down	Disable	N/A	Disable
lag 14	Enable	Down	Disable	N/A	Disable
lag 15	Enable	Down	Disable	N/A	Disable
lag 16	Enable	Down	Disable	N/A	Disable
lag 17	Enable	Down	Disable	N/A	Disable
lag 18	Enable	Down	Disable	N/A	Disable
lag 19	Enable	Down	Disable	N/A	Disable
lag 20	Enable	Down	Disable	N/A	Disable
lag 21	Enable	Down	Disable	N/A	Disable
lag 22	Enable	Down	Disable	N/A	Disable
lag 23	Enable	Down	Disable	N/A	Disable
lag 24	Enable	Down	Disable	N/A	Disable
lag 25	Enable	Down	Disable	N/A	Disable
lag 26	Enable	Down	Disable	N/A	Disable
lag 27	Enable	Down	Disable	N/A	Disable
lag 28	Enable	Down	Disable	N/A	Disable
lag 29	Enable	Down	Disable	N/A	Disable
lag 30	Enable	Down	Disable	N/A	Disable
lag 31	Enable	Down	Disable	N/A	Disable
lag 32	Enable	Down	Disable	N/A	Disable
lag 33	Enable	Down	Disable	N/A	Disable
lag 34	Enable	Down	Disable	N/A	Disable
lag 35	Enable	Down	Disable	N/A	Disable
lag 36	Enable	Down	Disable	N/A	Disable
lag 37	Enable	Down	Disable	N/A	Disable
lag 38	Enable	Down	Disable	N/A	Disable
lag 39	Enable	Down	Disable	N/A	Disable
lag 40	Enable	Down	Disable	N/A	Disable
lag 41	Enable	Down	Disable	N/A	Disable
lag 42	Enable	Down	Disable	N/A	Disable
lag 43	Enable	Down	Disable	N/A	Disable
lag 44	Enable	Down	Disable	N/A	Disable
lag 45	Enable	Down	Disable	N/A	Disable
lag 46	Enable	Down	Disable	N/A	Disable
lag 47	Enable	Down	Disable	N/A	Disable
lag 48	Enable	Down	Disable	N/A	Disable
lag 49	Enable	Down	Disable	N/A	Disable
lag 50	Enable	Down	Disable	N/A	Disable
lag 51	Enable	Down	Disable	N/A	Disable
lag 52	Enable	Down	Disable	N/A	Disable
lag 53	Enable	Down	Disable	N/A	Disable
lag 54	Enable	Down	Disable	N/A	Disable
lag 55	Enable	Down	Disable	N/A	Disable
lag 56	Enable	Down	Disable	N/A	Disable
lag 57	Enable	Down	Disable	N/A	Disable

TechSupportSwitch1V12.0.2.17.txt

lag 58	Enable	Down	Disable	N/A	Disable
lag 59	Enable	Down	Disable	N/A	Disable
lag 60	Enable	Down	Disable	N/A	Disable
lag 61	Enable	Down	Disable	N/A	Disable
lag 62	Enable	Down	Disable	N/A	Disable
lag 63	Enable	Down	Disable	N/A	Disable
lag 64	Enable	Down	Disable	N/A	Disable
lag 65	Enable	Down	Disable	N/A	Disable
lag 66	Enable	Down	Disable	N/A	Disable
lag 67	Enable	Down	Disable	N/A	Disable
lag 68	Enable	Down	Disable	N/A	Disable
lag 69	Enable	Down	Disable	N/A	Disable
lag 70	Enable	Down	Disable	N/A	Disable
lag 71	Enable	Down	Disable	N/A	Disable
lag 72	Enable	Down	Disable	N/A	Disable
lag 73	Enable	Down	Disable	N/A	Disable
lag 74	Enable	Down	Disable	N/A	Disable
lag 75	Enable	Down	Disable	N/A	Disable
lag 76	Enable	Down	Disable	N/A	Disable
lag 77	Enable	Down	Disable	N/A	Disable
lag 78	Enable	Down	Disable	N/A	Disable
lag 79	Enable	Down	Disable	N/A	Disable
lag 80	Enable	Down	Disable	N/A	Disable
lag 81	Enable	Down	Disable	N/A	Disable
lag 82	Enable	Down	Disable	N/A	Disable
lag 83	Enable	Down	Disable	N/A	Disable
lag 84	Enable	Down	Disable	N/A	Disable
lag 85	Enable	Down	Disable	N/A	Disable
lag 86	Enable	Down	Disable	N/A	Disable
lag 87	Enable	Down	Disable	N/A	Disable
lag 88	Enable	Down	Disable	N/A	Disable
lag 89	Enable	Down	Disable	N/A	Disable
lag 90	Enable	Down	Disable	N/A	Disable
lag 91	Enable	Down	Disable	N/A	Disable
lag 92	Enable	Down	Disable	N/A	Disable
lag 93	Enable	Down	Disable	N/A	Disable
lag 94	Enable	Down	Disable	N/A	Disable
lag 95	Enable	Down	Disable	N/A	Disable
lag 96	Enable	Down	Disable	N/A	Disable
lag 97	Enable	Down	Disable	N/A	Disable
lag 98	Enable	Down	Disable	N/A	Disable
lag 99	Enable	Down	Disable	N/A	Disable
lag 100	Enable	Down	Disable	N/A	Disable
lag 101	Enable	Down	Disable	N/A	Disable
lag 102	Enable	Down	Disable	N/A	Disable
lag 103	Enable	Down	Disable	N/A	Disable
lag 104	Enable	Down	Disable	N/A	Disable
lag 105	Enable	Down	Disable	N/A	Disable
lag 106	Enable	Down	Disable	N/A	Disable
lag 107	Enable	Down	Disable	N/A	Disable
lag 108	Enable	Down	Disable	N/A	Disable
lag 109	Enable	Down	Disable	N/A	Disable

TechSupportSwitch1V12.0.2.17.txt

lag 110	Enable	Down	Disable	N/A	Disable
lag 111	Enable	Down	Disable	N/A	Disable
lag 112	Enable	Down	Disable	N/A	Disable
lag 113	Enable	Down	Disable	N/A	Disable
lag 114	Enable	Down	Disable	N/A	Disable
lag 115	Enable	Down	Disable	N/A	Disable
lag 116	Enable	Down	Disable	N/A	Disable
lag 117	Enable	Down	Disable	N/A	Disable
lag 118	Enable	Down	Disable	N/A	Disable
lag 119	Enable	Down	Disable	N/A	Disable
lag 120	Enable	Down	Disable	N/A	Disable
lag 121	Enable	Down	Disable	N/A	Disable
lag 122	Enable	Down	Disable	N/A	Disable
lag 123	Enable	Down	Disable	N/A	Disable
lag 124	Enable	Down	Disable	N/A	Disable
lag 125	Enable	Down	Disable	N/A	Disable
lag 126	Enable	Down	Disable	N/A	Disable
lag 127	Enable	Down	Disable	N/A	Disable
lag 128	Enable	Down	Disable	N/A	Disable
vlan 1	Enable	Up	Enable	N/A	Disable

\*\*\*\*\* show process cpu \*\*\*\*\*

Memory and Process CPU Utilization Info of Unit:1

Memory Utilization Report

status KBytes

-----

free 314308

alloc 703132

CPU Utilization:

PID	Name	5 Secs	60 Secs	300 Secs
3	(ksoftirqd/0)	0.20%	0.04%	0.04%
12	(kworker/0:1)	0.00%	0.01%	0.03%
1353	(procmgr)	0.00%	0.04%	0.10%
1454	osapiTimer	0.00%	0.03%	0.02%
1458	bcmINTR	0.00%	0.29%	0.16%
1461	bcmL2X.0	4.16%	3.46%	3.28%
1462	bcmCNTR.0	0.83%	0.78%	0.79%
1467	bcmRX	0.20%	0.44%	0.23%
1480	bcmLINK.0	0.62%	0.52%	0.49%
1481	cpuUtilMonitorTask	0.20%	0.23%	0.24%
1491	tap_monitor_task	0.00%	0.55%	0.20%
1496	simPts_task	0.62%	0.77%	0.75%
1504	emWeb	0.00%	1.28%	0.51%
1506	dtlTask	0.20%	0.10%	0.08%
1510	hapiRxTask	0.00%	0.24%	0.11%

TechSupportSwitch1V12.0.2.17.txt

1524	trafficStormControl	0.00%	0.00%	0.01%
1553	snoopTask	0.00%	0.08%	0.14%
1565	dhcpsPingTask	0.00%	0.01%	0.01%
1588	ipMapForwardingTask	0.00%	0.63%	0.24%
1594	openrTask	1.25%	1.10%	1.06%
1631	lldpTask	0.00%	0.51%	0.55%
1643	RMONTask	0.41%	0.54%	0.53%
1709	poe_monitor	17.71%	13.69%	13.36%
-----				
Total CPU Utilization		26.47%	25.44%	23.07%

\*\*\*\*\* show process memory \*\*\*\*\*

Total: 1017440 KB  
 Allocated: 703132 KB  
 Free: 314308 KB

Component	CurrentAllocated[change]	
MaxAllocated[Allocs/Frees]		
1 - SIM	4591817[+4591817]	5281553
[1650/26]		
2 - NIM	813157[ +813157]	813157 [20/0]
3 - TRAPMGR	1416[ +1416]	1416 [1/0]
5 - CNFGR	21448[ +21448]	21448 [123/0]
6 - DRIVER	23460484[+23460484]	23471524
[17592/14636]		
7 - POLICY	27928[ +27928]	27928 [2/0]
8 - DOT1Q	5115260[+5115260]	5115260 [13/0]
9 - PBVLAN	2760[ +2760]	2760 [1/0]
10 - DOT3AD	643308[ +643308]	643308 [6/0]
11 - STATSMGR	11618228[+11618228]	11618228 [8/0]
14 - USMDB	747960[ +747960]	747960 [2/0]
17 - FDB	638976[ +638976]	638976 [4/0]
18 - GARP	2496894[+2496894]	2496894 [27/4]
19 - SNMP	11369[ +11369]	12845
[4299/4088]		
20 - DTL	426204[ +426204]	426204 [18/0]
21 - USER_MGR	29616[ +29616]	29616 [2/0]
22 - CLI_WEB	7292916[+7292916]	10517659
[42221/22206]		
24 - IP	8176957[+8176957]	8243557 [88/53]
25 - RTR_DISC	26048[ +26048]	26048 [4/0]
27 - RIP	129257[ +129257]	129257 [12/0]
28 - IGMP	8457628[+8457628]	8457628 [4/0]
29 - MCAST	72071296[+72071296]	72071296 [19/0]
30 - PIMDM	34644[ +34644]	34644 [2/0]
31 - DVMRP	108[ +108]	108 [1/0]
32 - PIMSM	59052[ +59052]	59052 [2/0]
33 - VRRP	70189914[+70189914]	70189914
[1207/0]		



## TechSupportSwitch1V12.0.2.17.txt

37	- QOS_ACL	17531748[+17531748]	17531748 [18/0]
38	- QOS_COS	197700[ +197700]	197700 [4/0]
39	- QOS_DIFFSERV	54426040[+54426040]	54426040 [51/0]
40	- PORT_MIRROR	1716[ +1716]	1716 [1/0]
41	- MFDB	1469352[+1469352]	1469352 [3/0]
42	- FILTER	737944[ +737944]	737944 [4/0]
43	- IP_HELPER	355704[ +355704]	355704 [136/0]
44	- SNOOPING	12703252[+12703252]	12703252 [128/0]
48	- DOT1S	68465704[+68465704]	68465704 [32/0]
49	- RADIUS	1894400[+1894400]	1894400 [2/0]
50	- TACACS	364856[ +364856]	364856 [3/0]
51	- DOT1X	2074963[+2074963]	2074963 [18/0]
52	- DHCP	1971712[+1971712]	1971712 [4/0]
53	- DVLANTAG	19448[ +19448]	19448 [2/0]
55	- OPENSSL	164[ +164]	164 [1/0]
56	- SSLT	204[ +204]	204 [1/0]
57	- SSHD	41364[ +41364]	41364 [1/0]
60	- UNITMGR	23332[ +23332]	23332 [6/0]
61	- CARDMGR	146700[ +146700]	146700 [20/0]
62	- STACKING	8192[ +8192]	8192 [1/0]
63	- EDB	1240[ +1240]	1240 [31/0]
66	- FFTP	20828[ +20828]	20828 [1/0]
67	- OSAPI	122964332[+122964332]	122964332
[3583/107]			
68	- POE	110696[ +110696]	110696 [3/0]
70	- LOG	160888[ +160888]	160888 [5/0]
71	- SNTP	648[ +648]	648 [3/0]
72	- OUTBOUND_TELNET	112[ +112]	112 [1/0]
73	- PORT_MACLOCK	847720[ +847720]	847720 [315/0]
75	- DENIAL_OF_SERVICE	13496[ +13496]	13496 [2/0]
81	- OSPFV3	127684[ +127684]	127684 [15/0]
82	- IPV6	931834[ +931834]	931834 [23/0]
83	- RLIM	2052[ +2052]	2052 [6/0]
84	- DHCP6S	196772[ +196772]	196772 [4/0]
85	- LLDP	2595707[+2595707]	2595707 [18/0]
86	- IP_SUBNET_VLAN	5804[ +5804]	5804 [4/0]
87	- MAC_VLAN	24748[ +24748]	24748 [4/0]
88	- PROTECTED_PORT	456[ +456]	456 [1/0]
90	- DNS_CLIENT	361640[ +361640]	361640 [5/0]
92	- BSP	512[ +512]	512 [2/0]
94	- MFC	54272[ +54272]	54272 [2/0]
95	- VOICE_VLAN	82728[ +82728]	82728 [7/0]
96	- DHCP_SNOOPING	7465372[+7465372]	7465372 [13/0]
97	- DYNAMIC_ARP_INSPECTION	2847112[+2847112]	2847112 [6/0]
98	- QOS_VOIP	59696[ +59696]	59696 [6/0]
99	- SFLOW	454012[ +454012]	454012 [14/0]
100	- CAPTIVE_PORTAL	9338518[+9338518]	9338518 [33/0]
101	- ISDP	1489443[+1489443]	1489532
[16533/16524]			
102	- MGMT_ACAL	2244[ +2244]	2244 [2/0]
103	- BOX_SERVICES	140[ +140]	140 [1/0]
105	- QOS_ISCSI	308652[ +308652]	308652 [6/0]

TechSupportSwitch1V12.0.2.17.txt

106 - RMON	7207040[+7207040]	7207040 [19/0]
111 - AUTO_INSTALL	3236[ +3236]	3236 [1/0]
112 - DHCP_CLIENT	189952[ +189952]	189952 [132/0]
113 - BOOTP_CLIENT	1416[ +1416]	1416 [1/0]
114 - CAPTIVE_PORTAL_WIRED_INTF_OWNE	131232[ +131232]	131232 [11/0]
115 - DHCP6_CLIENT	684[ +684]	684 [9/0]
117 - PRIVATE_GROUP_VLAN	39126[ +39126]	39126 [2/0]
118 - CHECKPOINT_SERVICE	8192[ +8192]	8192 [1/0]
119 - ARP	124640[ +124640]	124640 [4/0]
120 - MVR	1202414[+1202414]	1202414 [11/0]
121 - PFC	26220[ +26220]	26220 [3/0]
123 - LLPF	708[ +708]	708 [1/0]
125 - TIMERANGES	148100[ +148100]	148100 [4/0]
127 - GREENETHR	143580[ +143580]	143580 [5/0]
128 - MRP	17024[ +17024]	17024 [2/0]
129 - MMRP	1946952[+1946952]	1946952 [562/0]
130 - MVRP	6876632[+6876632]	6876632 [559/0]
133 - USBFLASHDRIVE	468[ +468]	468 [1/0]
137 - OPENFLOW	3778282[+3778282]	3778282 [34/0]
138 - PFXLIST	10264[ +10264]	10264 [2/0]
139 - ROUTEMAP	2576[ +2576]	2576 [2/0]
140 - PBR	22900[ +22900]	22900 [1/0]
141 - UDLD	842563[ +842563]	842563 [6/0]
145 - RPC_SERVER	1049996[+1049996]	1049996 [11/0]
146 - RPCAP	23284[ +23284]	23284 [6/0]
147 - RMT_SESSION	100[ +100]	100 [1/0]
148 - STATS_APP	3890080[+3890080]	3890080 [10/0]
149 - OpEN_API	58880[ +58880]	58880 [3/0]
151 - AUTHMGR	206292[ +206292]	206292 [13/0]
155 - RAGUARD	140[ +140]	140 [2/0]
163 - DAS	1093520[+1093520]	1093520 [8/0]
169 - LOOP_PROTECT	44308[ +44308]	44308 [3/0]
173 - -Unknown-	458[ +458]	458 [24/0]

Total Current Usage = 559079757

osapi Debug overhead = 1804488

\*\*\*\*\* show mbuf total \*\*\*\*\*

```

Mbufs Total..... 246
Mbufs Free..... 246
Mbufs Rx Used..... 0
Mbufs Rx Norm Used..... 0
Mbufs Rx Mid2 Used..... 0
Mbufs Rx Mid1 Used..... 0
Mbufs Rx Mid0 Used..... 0
Mbufs Rx High Used..... 0
Mbufs Tx Used..... 0
Total Rx Norm Alloc Attempts..... 1043389
Total Rx Mid2 Alloc Attempts..... 842501
    
```

TechSupportSwitch1V12.0.2.17.txt

```
Total Rx Mid1 Alloc Attempts..... 94609
Total Rx Mid0 Alloc Attempts..... 0
Total Rx High Alloc Attempts..... 132192
Total Tx Alloc Attempts..... 882197
Total Rx Norm Alloc Failures..... 0
Total Rx Mid2 Alloc Failures..... 0
Total Rx Mid1 Alloc Failures..... 0
Total Rx Mid0 Alloc Failures..... 0
Total Rx High Alloc Failures..... 0
Total Tx Alloc Failures..... 0
```

\*\*\*\*\* show switch \*\*\*\*\*

Management	Standby	Preconfig	Plugged-in	Switch	Code
SW	Switch	Status	Model ID	Model ID	Status
Version					
1	Mgmt Sw		M4300-28G-PoE+	M4300-28G-PoE+	OK
12.0.2.17					

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

Flow	Media	STP	Physical	Physical	Link	Loop	Partner
Intf	Type	Mode	Mode	Status	Status	Status	Control
1/0/1		DIS	Auto		Down		NA
1/0/2		DIS	Auto		Down		NA
1/0/3		DIS	Auto		Down		NA
1/0/4		DIS	Auto		Down		NA
1/0/5		DIS	Auto		Down		NA
1/0/6		DIS	Auto		Down		NA
1/0/7		DIS	Auto		Down		NA
1/0/8		DIS	Auto		Down		NA
1/0/9		DIS	Auto		Down		NA

## TechSupportSwitch1V12.0.2.17.txt

1/0/10		DIS	Auto		Down	NA
1/0/11		DIS	Auto		Down	NA
1/0/12		DIS	Auto		Down	NA
1/0/13		DIS	Auto		Down	NA
1/0/14		DIS	Auto		Down	NA
1/0/15		DIS	Auto		Down	NA
1/0/16		DIS	Auto		Down	NA
1/0/17		DIS	Auto		Down	NA
1/0/18		DIS	Auto		Down	NA
1/0/19		DIS	Auto		Down	NA
1/0/20		DIS	Auto		Down	NA
1/0/21		DIS	Auto		Down	NA
1/0/22		DIS	Auto		Down	NA
1/0/23		DIS	Auto		Down	NA
1/0/24	Copper	FWD	Auto	1000 Full	Up	On
1/0/25		DIS	Auto		Down	NA
1/0/26		DIS	Auto		Down	NA
1/0/27	10GBase-SR	FWD	10G Full	10G Full	Up	NA
1/0/28	DAC	FWD	10G Full	10G Full	Up	NA
lag 1		DIS			Down	NA
lag 2		DIS			Down	NA
lag 3		DIS			Down	NA
lag 4		DIS			Down	NA
lag 5		DIS			Down	NA
lag 6		DIS			Down	NA
lag 7		DIS			Down	NA

TechSupportSwitch1V12.0.2.17.txt

lag 8	DIS	Down	NA
lag 9	DIS	Down	NA
lag 10	DIS	Down	NA
lag 11	DIS	Down	NA
lag 12	DIS	Down	NA
lag 13	DIS	Down	NA
lag 14	DIS	Down	NA
lag 15	DIS	Down	NA
lag 16	DIS	Down	NA
lag 17	DIS	Down	NA
lag 18	DIS	Down	NA
lag 19	DIS	Down	NA
lag 20	DIS	Down	NA
lag 21	DIS	Down	NA
lag 22	DIS	Down	NA
lag 23	DIS	Down	NA
lag 24	DIS	Down	NA
lag 25	DIS	Down	NA
lag 26	DIS	Down	NA
lag 27	DIS	Down	NA
lag 28	DIS	Down	NA
lag 29	DIS	Down	NA
lag 30	DIS	Down	NA
lag 31	DIS	Down	NA
lag 32	DIS	Down	NA
lag 33	DIS	Down	NA

TechSupportSwitch1V12.0.2.17.txt

lag 34	DIS	Down	NA
lag 35	DIS	Down	NA
lag 36	DIS	Down	NA
lag 37	DIS	Down	NA
lag 38	DIS	Down	NA
lag 39	DIS	Down	NA
lag 40	DIS	Down	NA
lag 41	DIS	Down	NA
lag 42	DIS	Down	NA
lag 43	DIS	Down	NA
lag 44	DIS	Down	NA
lag 45	DIS	Down	NA
lag 46	DIS	Down	NA
lag 47	DIS	Down	NA
lag 48	DIS	Down	NA
lag 49	DIS	Down	NA
lag 50	DIS	Down	NA
lag 51	DIS	Down	NA
lag 52	DIS	Down	NA
lag 53	DIS	Down	NA
lag 54	DIS	Down	NA
lag 55	DIS	Down	NA
lag 56	DIS	Down	NA
lag 57	DIS	Down	NA
lag 58	DIS	Down	NA
lag 59	DIS	Down	NA

TechSupportSwitch1V12.0.2.17.txt

lag 60	DIS	Down	NA
lag 61	DIS	Down	NA
lag 62	DIS	Down	NA
lag 63	DIS	Down	NA
lag 64	DIS	Down	NA
lag 65	DIS	Down	NA
lag 66	DIS	Down	NA
lag 67	DIS	Down	NA
lag 68	DIS	Down	NA
lag 69	DIS	Down	NA
lag 70	DIS	Down	NA
lag 71	DIS	Down	NA
lag 72	DIS	Down	NA
lag 73	DIS	Down	NA
lag 74	DIS	Down	NA
lag 75	DIS	Down	NA
lag 76	DIS	Down	NA
lag 77	DIS	Down	NA
lag 78	DIS	Down	NA
lag 79	DIS	Down	NA
lag 80	DIS	Down	NA
lag 81	DIS	Down	NA
lag 82	DIS	Down	NA
lag 83	DIS	Down	NA
lag 84	DIS	Down	NA
lag 85	DIS	Down	NA

TechSupportSwitch1V12.0.2.17.txt

lag 86	DIS	Down	NA
lag 87	DIS	Down	NA
lag 88	DIS	Down	NA
lag 89	DIS	Down	NA
lag 90	DIS	Down	NA
lag 91	DIS	Down	NA
lag 92	DIS	Down	NA
lag 93	DIS	Down	NA
lag 94	DIS	Down	NA
lag 95	DIS	Down	NA
lag 96	DIS	Down	NA
lag 97	DIS	Down	NA
lag 98	DIS	Down	NA
lag 99	DIS	Down	NA
lag 100	DIS	Down	NA
lag 101	DIS	Down	NA
lag 102	DIS	Down	NA
lag 103	DIS	Down	NA
lag 104	DIS	Down	NA
lag 105	DIS	Down	NA
lag 106	DIS	Down	NA
lag 107	DIS	Down	NA
lag 108	DIS	Down	NA
lag 109	DIS	Down	NA
lag 110	DIS	Down	NA
lag 111	DIS	Down	NA



TechSupportSwitch1V12.0.2.17.txt

lag 112	DIS	Down	NA
lag 113	DIS	Down	NA
lag 114	DIS	Down	NA
lag 115	DIS	Down	NA
lag 116	DIS	Down	NA
lag 117	DIS	Down	NA
lag 118	DIS	Down	NA
lag 119	DIS	Down	NA
lag 120	DIS	Down	NA
lag 121	DIS	Down	NA
lag 122	DIS	Down	NA
lag 123	DIS	Down	NA
lag 124	DIS	Down	NA
lag 125	DIS	Down	NA
lag 126	DIS	Down	NA
lag 127	DIS	Down	NA
lag 128	DIS	Down	NA
vlan 1	-	Up	NA

\*\*\*\*\* show environment \*\*\*\*\*

Temp (C)..... 33  
Temperature traps range: 0 to 90 degrees (Celsius)

Temperature Sensors:

Unit	Sensor	Description	Temp (C)	State	Max_Temp (C)
1	1	MAC	33	Normal	90
1	2	System	31	Normal	90

Fans:

TechSupportSwitch1V12.0.2.17.txt

Unit	Fan	Description	Type	Speed	Duty level	State
1	1	System-1	Fixed	4290	39%	Operational
1	2	System-2	Fixed	4290	39%	Operational
1	3	System-3	Fixed	4290	39%	Operational

Power Modules:

Unit	Power supply	Description	Type	State
1	1	Internal AC-1	Fixed	Operational
1	2	Internal AC-2	Fixed	Not present

\*\*\*\*\* show stack-status all \*\*\*\*\*

Stack Unit 1 Status

Sampling Mode: Cumulative Summing

-----  
 Unit Current Average Min Max Dropped  
 -----

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

Address Entries Currently in Use..... 107

VLAN ID	MAC Address	Interface	IfIndex	Status
1	10:DA:43:DA:7F:C5	1/0/27	27	Learned
1	10:DA:43:DA:96:8B	1/0/27	27	Learned
1	20:0C:C8:51:64:67	1/0/27	27	Learned
1	2C:30:33:08:B2:00	1/0/27	27	Learned
1	2C:30:33:08:BB:00	1/0/27	27	Learned
1	2C:30:33:08:C0:20	1/0/27	27	Learned
1	2C:30:33:08:CE:A0	1/0/27	27	Learned
1	2C:30:33:97:D2:80	1/0/27	27	Learned
1	2C:30:33:98:09:60	1/0/27	27	Learned
1	2C:30:33:98:79:80	1/0/27	27	Learned
1	2C:30:33:98:83:C0	1/0/27	27	Learned
1	2C:30:33:99:49:A0	1/0/27	27	Learned
1	2C:30:33:99:4B:C0	1/0/27	27	Learned
1	2C:30:33:99:4D:20	1/0/27	27	Learned
1	2C:30:33:99:4D:C0	1/0/27	27	Learned
1	2C:30:33:99:51:60	1/0/27	27	Learned
1	2C:30:33:99:51:E0	1/0/27	27	Learned
1	2C:30:33:99:55:20	1/0/27	27	Learned
1	2C:30:33:99:55:E0	1/0/27	27	Learned
1	2C:30:33:99:56:60	1/0/24	24	Learned

## TechSupportSwitch1V12.0.2.17.txt

1	2C:30:33:99:58:60	1/0/27	27	Learned
1	2C:30:33:99:58:E0	1/0/27	27	Learned
1	2C:30:33:99:61:40	1/0/27	27	Learned
1	2C:30:33:99:63:80	1/0/27	27	Learned
1	2C:30:33:99:63:E0	1/0/27	27	Learned
1	2C:30:33:99:6A:80	1/0/27	27	Learned
1	2C:30:33:99:7F:80	1/0/27	27	Learned
1	2C:30:33:99:7F:88	1/0/27	27	Learned
1	2C:30:33:99:81:80	1/0/27	27	Learned
1	2C:30:33:99:82:40	1/0/27	27	Learned
1	2C:30:33:99:82:E0	1/0/27	27	Learned
1	2C:30:33:99:82:E8	1/0/27	27	Learned
1	2C:30:33:99:83:60	1/0/27	27	Learned
1	2C:30:33:99:84:40	1/0/27	27	Learned
1	2C:30:33:99:85:20	1/0/27	27	Learned
1	2C:30:33:99:86:A0	1/0/27	27	Learned
1	2C:30:33:99:87:A0	1/0/27	27	Learned
1	2C:30:33:99:88:20	1/0/27	27	Learned
1	9C:3D:CF:EE:5A:E8	CPU Interface: 0/5/1	417	Management
1	9C:3D:CF:EE:5A:EB	vlan 1	546	Management
1	B0:7F:B9:60:40:20	1/0/27	27	Learned
1	C0:EA:E4:A2:8C:BC	1/0/27	27	Learned
1	E8:FC:AF:BD:2E:60	1/0/27	27	Learned
1	E8:FC:AF:BD:3B:00	1/0/27	27	Learned
1	E8:FC:AF:BD:4A:00	1/0/27	27	Learned
1	E8:FC:AF:BD:4B:60	1/0/27	27	Learned
1	E8:FC:AF:BD:5E:00	1/0/27	27	Learned
10	C0:EA:E4:A2:8C:B9	1/0/27	27	Learned
100	00:07:4D:44:7C:8D	1/0/27	27	Learned
100	00:07:4D:53:E5:05	1/0/27	27	Learned
100	00:15:5D:01:02:00	1/0/27	27	Learned
100	00:15:5D:01:04:00	1/0/27	27	Learned
100	00:15:5D:01:04:03	1/0/27	27	Learned
100	00:15:5D:01:04:0A	1/0/27	27	Learned
100	00:15:5D:01:20:01	1/0/27	27	Learned
100	00:15:5D:01:20:03	1/0/27	27	Learned
100	00:15:5D:01:20:05	1/0/27	27	Learned
100	00:15:5D:02:01:05	1/0/27	27	Learned
100	00:15:99:89:81:D2	1/0/27	27	Learned
100	00:1B:E0:06:0C:EE	1/0/27	27	Learned
100	00:1E:8F:D3:78:FC	1/0/27	27	Learned
100	00:1E:8F:D3:7D:A3	1/0/27	27	Learned
100	00:C0:EB:0E:6E:50	1/0/27	27	Learned
100	00:C0:EB:0F:B0:13	1/0/27	27	Learned
100	08:62:66:80:DB:63	1/0/27	27	Learned
100	10:C3:7B:6E:75:64	1/0/27	27	Learned
100	10:C3:7B:6E:79:BF	1/0/27	27	Learned
100	10:C3:7B:6E:7A:0B	1/0/27	27	Learned
100	18:0C:AC:DB:0A:8C	1/0/27	27	Learned
100	18:0C:AC:DB:8A:D1	1/0/27	27	Learned
100	18:0C:AC:DB:8A:D4	1/0/27	27	Learned
100	18:0C:AC:DB:8A:D7	1/0/27	27	Learned

TechSupportSwitch1V12.0.2.17.txt

100	2C:9E:FC:1B:AC:2A	1/0/27	27	Learned
100	30:5A:3A:03:68:85	1/0/27	27	Learned
100	30:5A:3A:04:AA:83	1/0/27	27	Learned
100	30:5A:3A:04:AA:AF	1/0/27	27	Learned
100	30:5A:3A:04:AD:60	1/0/27	27	Learned
100	38:2C:4A:72:CB:1C	1/0/27	27	Learned
100	38:2C:4A:72:CF:BE	1/0/27	27	Learned
100	78:24:AF:88:71:FC	1/0/27	27	Learned
100	78:24:AF:88:72:D4	1/0/27	27	Learned
100	78:24:AF:88:72:DA	1/0/27	27	Learned
100	78:24:AF:88:73:02	1/0/27	27	Learned
100	78:24:AF:88:73:76	1/0/27	27	Learned
100	78:24:AF:88:73:92	1/0/27	27	Learned
100	78:24:AF:88:73:A1	1/0/27	27	Learned
100	78:24:AF:88:73:D3	1/0/27	27	Learned
100	78:24:AF:88:73:E0	1/0/27	27	Learned
100	78:24:AF:88:73:FD	1/0/27	27	Learned
100	78:24:AF:88:74:07	1/0/27	27	Learned
100	78:24:AF:88:74:50	1/0/27	27	Learned
100	78:24:AF:88:74:57	1/0/27	27	Learned
100	78:24:AF:88:74:5B	1/0/27	27	Learned
100	78:24:AF:88:74:5E	1/0/27	27	Learned
100	78:24:AF:88:74:5F	1/0/27	27	Learned
100	78:24:AF:88:74:65	1/0/27	27	Learned
100	78:24:AF:88:74:8A	1/0/27	27	Learned
100	78:24:AF:88:74:A7	1/0/27	27	Learned
100	78:24:AF:88:79:62	1/0/27	27	Learned
100	78:24:AF:88:79:A6	1/0/27	27	Learned
100	78:24:AF:88:79:D3	1/0/27	27	Learned
100	88:87:17:80:64:24	1/0/27	27	Learned
100	90:E2:BA:64:E0:10	1/0/28	28	Learned
100	90:E2:BA:9A:0C:40	1/0/27	27	Learned
100	CC:5D:4E:38:9D:7B	1/0/27	27	Learned
100	E4:A7:A0:F4:B0:05	1/0/27	27	Learned
100	F4:81:39:E5:2D:6E	1/0/27	27	Learned

\*\*\*\*\* show mac-address-table stats \*\*\*\*\*

Max MFDB Table Entries..... 1024  
 Most MFDB Entries Since Last Reset..... 1  
 Current Entries..... 1

\*\*\*\*\* show mac-address-table multicast \*\*\*\*\*

VLAN ID	MAC Address	Source	Type	Description	Interface	Fwd Interface
1	01:00:5E:00:64:FA	IGMP	Dynamic	Network Assist	Fwd:	Fwd:

\*\*\*\*\* show mac-address-table igmpsnoping \*\*\*\*\*

VLAN ID	MAC Address	Type	Description	Interfaces
1	01:00:5E:00:64:FA	Dynamic	Network Assist	Fwd: 1/0/27

\*\*\*\*\* show interface counters \*\*\*\*\*

Port	InDropPkts	InOctets	InUcastPkts	InMcastPkts	InBcastPkts
1/0/1	0	0	0	0	0
1/0/2	0	0	0	0	0
1/0/3	0	0	0	0	0
1/0/4	0	0	0	0	0
1/0/5	0	0	0	0	0
1/0/6	0	0	0	0	0
1/0/7	0	0	0	0	0
1/0/8	0	0	0	0	0
1/0/9	0	0	0	0	0
1/0/10	0	0	0	0	0
1/0/11	0	0	0	0	0
1/0/12	0	0	0	0	0
1/0/13	0	0	0	0	0
1/0/14	0	0	0	0	0
1/0/15	0	0	0	0	0
1/0/16	0	0	0	0	0
1/0/17	0	0	0	0	0

TechSupportSwitch1V12.0.2.17.txt

1/0/18		0	0	0	0
	0				
1/0/19		0	0	0	0
	0				
1/0/20		0	0	0	0
	0				
1/0/21		0	0	0	0
	0				
1/0/22		0	0	0	0
	0				
1/0/23		0	0	0	0
	0				
1/0/24		27822512	118300	17	4550
	0				
1/0/25		0	0	0	0
	0				
1/0/26		0	0	0	0
	0				
1/0/27		1028309594261	697168570	411672	987509
	3249				
1/0/28		16695299696	124255323	413731	304021
	54				
ch1		0	0	0	0
	0				
ch2		0	0	0	0
	0				
ch3		0	0	0	0
	0				
ch4		0	0	0	0
	0				
ch5		0	0	0	0
	0				
ch6		0	0	0	0
	0				
ch7		0	0	0	0
	0				
ch8		0	0	0	0
	0				
ch9		0	0	0	0
	0				
ch10		0	0	0	0
	0				
ch11		0	0	0	0
	0				
ch12		0	0	0	0
	0				
ch13		0	0	0	0
	0				
ch14		0	0	0	0
	0				
ch15		0	0	0	0
	0				

TechSupportSwitch1V12.0.2.17.txt

ch16		0	0	0	0
ch17	0	0	0	0	0
ch18	0	0	0	0	0
ch19	0	0	0	0	0
ch20	0	0	0	0	0
ch21	0	0	0	0	0
ch22	0	0	0	0	0
ch23	0	0	0	0	0
ch24	0	0	0	0	0
ch25	0	0	0	0	0
ch26	0	0	0	0	0
ch27	0	0	0	0	0
ch28	0	0	0	0	0
ch29	0	0	0	0	0
ch30	0	0	0	0	0
ch31	0	0	0	0	0
ch32	0	0	0	0	0
ch33	0	0	0	0	0
ch34	0	0	0	0	0
ch35	0	0	0	0	0
ch36	0	0	0	0	0
ch37	0	0	0	0	0
ch38	0	0	0	0	0
ch39	0	0	0	0	0
ch40	0	0	0	0	0
ch41	0	0	0	0	0

TechSupportSwitch1V12.0.2.17.txt

ch42		0	0	0	0
	0				
ch43		0	0	0	0
	0				
ch44		0	0	0	0
	0				
ch45		0	0	0	0
	0				
ch46		0	0	0	0
	0				
ch47		0	0	0	0
	0				
ch48		0	0	0	0
	0				
ch49		0	0	0	0
	0				
ch50		0	0	0	0
	0				
ch51		0	0	0	0
	0				
ch52		0	0	0	0
	0				
ch53		0	0	0	0
	0				
ch54		0	0	0	0
	0				
ch55		0	0	0	0
	0				
ch56		0	0	0	0
	0				
ch57		0	0	0	0
	0				
ch58		0	0	0	0
	0				
ch59		0	0	0	0
	0				
ch60		0	0	0	0
	0				
ch61		0	0	0	0
	0				
ch62		0	0	0	0
	0				
ch63		0	0	0	0
	0				
ch64		0	0	0	0
	0				
ch65		0	0	0	0
	0				
ch66		0	0	0	0
	0				
ch67		0	0	0	0
	0				



TechSupportSwitch1V12.0.2.17.txt

ch68		0	0	0	0
ch69	0	0	0	0	0
ch70	0	0	0	0	0
ch71	0	0	0	0	0
ch72	0	0	0	0	0
ch73	0	0	0	0	0
ch74	0	0	0	0	0
ch75	0	0	0	0	0
ch76	0	0	0	0	0
ch77	0	0	0	0	0
ch78	0	0	0	0	0
ch79	0	0	0	0	0
ch80	0	0	0	0	0
ch81	0	0	0	0	0
ch82	0	0	0	0	0
ch83	0	0	0	0	0
ch84	0	0	0	0	0
ch85	0	0	0	0	0
ch86	0	0	0	0	0
ch87	0	0	0	0	0
ch88	0	0	0	0	0
ch89	0	0	0	0	0
ch90	0	0	0	0	0
ch91	0	0	0	0	0
ch92	0	0	0	0	0
ch93	0	0	0	0	0

TechSupportSwitch1V12.0.2.17.txt

ch94		0	0	0	0
	0				
ch95		0	0	0	0
	0				
ch96		0	0	0	0
	0				
ch97		0	0	0	0
	0				
ch98		0	0	0	0
	0				
ch99		0	0	0	0
	0				
ch100		0	0	0	0
	0				
ch101		0	0	0	0
	0				
ch102		0	0	0	0
	0				
ch103		0	0	0	0
	0				
ch104		0	0	0	0
	0				
ch105		0	0	0	0
	0				
ch106		0	0	0	0
	0				
ch107		0	0	0	0
	0				
ch108		0	0	0	0
	0				
ch109		0	0	0	0
	0				
ch110		0	0	0	0
	0				
ch111		0	0	0	0
	0				
ch112		0	0	0	0
	0				
ch113		0	0	0	0
	0				
ch114		0	0	0	0
	0				
ch115		0	0	0	0
	0				
ch116		0	0	0	0
	0				
ch117		0	0	0	0
	0				
ch118		0	0	0	0
	0				
ch119		0	0	0	0
	0				

TechSupportSwitch1V12.0.2.17.txt

ch120		0	0	0	0
ch121	0	0	0	0	0
ch122	0	0	0	0	0
ch123	0	0	0	0	0
ch124	0	0	0	0	0
ch125	0	0	0	0	0
ch126	0	0	0	0	0
ch127	0	0	0	0	0
ch128	0	0	0	0	0
CPU	0	197537386	10515	806131	1296046
	0				

Port	OutDropPkts	OutOctets	OutUcastPkts	OutMcastPkts	OutBcastPkts
1/0/1		0	0	0	0
1/0/2	0	0	0	0	0
1/0/3	0	0	0	0	0
1/0/4	0	0	0	0	0
1/0/5	0	0	0	0	0
1/0/6	0	0	0	0	0
1/0/7	0	0	0	0	0
1/0/8	0	0	0	0	0
1/0/9	0	0	0	0	0
1/0/10	0	0	0	0	0
1/0/11	0	0	0	0	0
1/0/12	0	0	0	0	0
1/0/13	0	0	0	0	0

TechSupportSwitch1V12.0.2.17.txt

1/0/14	0	0	0	0
1/0/15	0	0	0	0
1/0/16	0	0	0	0
1/0/17	0	0	0	0
1/0/18	0	0	0	0
1/0/19	0	0	0	0
1/0/20	0	0	0	0
1/0/21	0	0	0	0
1/0/22	0	0	0	0
1/0/23	0	0	0	0
1/0/24	148232548	107968	397487	992408
1/0/25	0	0	0	0
1/0/26	0	0	0	0
1/0/27	17175400496	124381516	31898	9531
1/0/28	1025459909596	697050106	381871	686738
ch1	0	0	0	0
ch2	0	0	0	0
ch3	0	0	0	0
ch4	0	0	0	0
ch5	0	0	0	0
ch6	0	0	0	0
ch7	0	0	0	0
ch8	0	0	0	0
ch9	0	0	0	0
ch10	0	0	0	0
ch11	0	0	0	0

TechSupportSwitch1V12.0.2.17.txt

ch12		0	0	0	0
ch13	0	0	0	0	0
ch14	0	0	0	0	0
ch15	0	0	0	0	0
ch16	0	0	0	0	0
ch17	0	0	0	0	0
ch18	0	0	0	0	0
ch19	0	0	0	0	0
ch20	0	0	0	0	0
ch21	0	0	0	0	0
ch22	0	0	0	0	0
ch23	0	0	0	0	0
ch24	0	0	0	0	0
ch25	0	0	0	0	0
ch26	0	0	0	0	0
ch27	0	0	0	0	0
ch28	0	0	0	0	0
ch29	0	0	0	0	0
ch30	0	0	0	0	0
ch31	0	0	0	0	0
ch32	0	0	0	0	0
ch33	0	0	0	0	0
ch34	0	0	0	0	0
ch35	0	0	0	0	0
ch36	0	0	0	0	0
ch37	0	0	0	0	0

TechSupportSwitch1V12.0.2.17.txt

ch38		0	0	0	0
	0				
ch39		0	0	0	0
	0				
ch40		0	0	0	0
	0				
ch41		0	0	0	0
	0				
ch42		0	0	0	0
	0				
ch43		0	0	0	0
	0				
ch44		0	0	0	0
	0				
ch45		0	0	0	0
	0				
ch46		0	0	0	0
	0				
ch47		0	0	0	0
	0				
ch48		0	0	0	0
	0				
ch49		0	0	0	0
	0				
ch50		0	0	0	0
	0				
ch51		0	0	0	0
	0				
ch52		0	0	0	0
	0				
ch53		0	0	0	0
	0				
ch54		0	0	0	0
	0				
ch55		0	0	0	0
	0				
ch56		0	0	0	0
	0				
ch57		0	0	0	0
	0				
ch58		0	0	0	0
	0				
ch59		0	0	0	0
	0				
ch60		0	0	0	0
	0				
ch61		0	0	0	0
	0				
ch62		0	0	0	0
	0				
ch63		0	0	0	0
	0				

TechSupportSwitch1V12.0.2.17.txt

ch64		0	0	0	0
	0				
ch65		0	0	0	0
	0				
ch66		0	0	0	0
	0				
ch67		0	0	0	0
	0				
ch68		0	0	0	0
	0				
ch69		0	0	0	0
	0				
ch70		0	0	0	0
	0				
ch71		0	0	0	0
	0				
ch72		0	0	0	0
	0				
ch73		0	0	0	0
	0				
ch74		0	0	0	0
	0				
ch75		0	0	0	0
	0				
ch76		0	0	0	0
	0				
ch77		0	0	0	0
	0				
ch78		0	0	0	0
	0				
ch79		0	0	0	0
	0				
ch80		0	0	0	0
	0				
ch81		0	0	0	0
	0				
ch82		0	0	0	0
	0				
ch83		0	0	0	0
	0				
ch84		0	0	0	0
	0				
ch85		0	0	0	0
	0				
ch86		0	0	0	0
	0				
ch87		0	0	0	0
	0				
ch88		0	0	0	0
	0				
ch89		0	0	0	0
	0				

TechSupportSwitch1V12.0.2.17.txt

ch90		0	0	0	0
	0				
ch91		0	0	0	0
	0				
ch92		0	0	0	0
	0				
ch93		0	0	0	0
	0				
ch94		0	0	0	0
	0				
ch95		0	0	0	0
	0				
ch96		0	0	0	0
	0				
ch97		0	0	0	0
	0				
ch98		0	0	0	0
	0				
ch99		0	0	0	0
	0				
ch100		0	0	0	0
	0				
ch101		0	0	0	0
	0				
ch102		0	0	0	0
	0				
ch103		0	0	0	0
	0				
ch104		0	0	0	0
	0				
ch105		0	0	0	0
	0				
ch106		0	0	0	0
	0				
ch107		0	0	0	0
	0				
ch108		0	0	0	0
	0				
ch109		0	0	0	0
	0				
ch110		0	0	0	0
	0				
ch111		0	0	0	0
	0				
ch112		0	0	0	0
	0				
ch113		0	0	0	0
	0				
ch114		0	0	0	0
	0				
ch115		0	0	0	0
	0				



TechSupportSwitch1V12.0.2.17.txt

ch116		0	0	0	0
	0				
ch117		0	0	0	0
	0				
ch118		0	0	0	0
	0				
ch119		0	0	0	0
	0				
ch120		0	0	0	0
	0				
ch121		0	0	0	0
	0				
ch122		0	0	0	0
	0				
ch123		0	0	0	0
	0				
ch124		0	0	0	0
	0				
ch125		0	0	0	0
	0				
ch126		0	0	0	0
	0				
ch127		0	0	0	0
	0				
ch128		0	0	0	0
	0				
CPU		71799302	10671	350951	10
	0				

\*\*\*\*\* show interface debounce \*\*\*\*\*

Interface	Debounce Time (ms)	Flaps
1/0/1	0	0
1/0/2	0	0
1/0/3	0	0
1/0/4	0	0
1/0/5	0	0
1/0/6	0	0
1/0/7	0	0
1/0/8	0	0
1/0/9	0	0
1/0/10	0	0
1/0/11	0	0
1/0/12	0	0
1/0/13	0	0
1/0/14	0	0
1/0/15	0	0
1/0/16	0	0
1/0/17	0	0
1/0/18	0	0

TechSupportSwitch1V12.0.2.17.txt

```

1/0/19    0          0
1/0/20    0          0
1/0/21    0          0
1/0/22    0          0
1/0/23    0          0
1/0/24    0          0
1/0/25    0          0
1/0/26    0          0
1/0/27    0          0
1/0/28    0          0
    
```

\*\*\*\*\* show debugging \*\*\*\*\*

\*\*\*\*\* show fiber-ports optics-info all \*\*\*\*\*

Port	Vendor	Name	Link Length		Serial Number	Part Number	Nominal Bit Rate	
			50um [m]	62.5um [m]			[Mbps]	Rev
1/0/27	NETGEAR	10GBase-SR	8	3	3V81695103AB3	AXM761	10300	3000
1/0/28	NETGEAR	DAC	0	0	14232D0067	AXC763	10300	A

\*\*\*\*\* show fiber-ports optics all \*\*\*\*\*

Port	Temp [C]	Voltage [Volt]	Current [mA]	Output Power [dBm]	Input Power [dBm]	TX Fault	LOS	Fault Status
1/0/27	30.7	3.289	7.2	-1.701	-2.101	No	No	No Fault
1/0/28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No Fault

\*\*\*\*\* show vlan \*\*\*\*\*

```

Maximum VLAN Entries..... 4093
VLAN Entries Currently in Use..... 4
    
```

VLAN ID	VLAN Name	VLAN Type
---------	-----------	-----------

TechSupportSwitch1V12.0.2.17.txt

```

-----
1      default          Default
10     Direct Internet   Static
100    Standard Datenverkehr Static
4093   End-VLAN          Static

```

\*\*\*\*\* show vlan port all \*\*\*\*\*

Interface	Port VLAN ID Configured	Port VLAN ID Current	Acceptable Frame Types	Ingress Filtering Configured	Ingress Filtering Current	GVRP	Default Priority
1/0/1	1	1	Admit All	Disable	Disable	Disable	0
1/0/2	1	1	Admit All	Disable	Disable	Disable	0
1/0/3	1	1	Admit All	Disable	Disable	Disable	0
1/0/4	1	1	Admit All	Disable	Disable	Disable	0
1/0/5	1	1	Admit All	Disable	Disable	Disable	0
1/0/6	1	1	Admit All	Disable	Disable	Disable	0
1/0/7	1	1	Admit All	Disable	Disable	Disable	0
1/0/8	1	1	Admit All	Disable	Disable	Disable	0
1/0/9	1	1	Admit All	Disable	Disable	Disable	0
1/0/10	1	1	Admit All	Disable	Disable	Disable	0
1/0/11	1	1	Admit All	Disable	Disable	Disable	0
1/0/12	1	1	Admit All	Disable	Disable	Disable	0
1/0/13	1	1	Admit All	Disable	Disable	Disable	0
1/0/14	1	1	Admit All	Disable	Disable	Disable	0
1/0/15	1	1	Admit All	Disable	Disable	Disable	0
1/0/16	1	1	Admit All	Disable	Disable	Disable	0
1/0/17	1	1	Admit All	Disable	Disable	Disable	0
1/0/18	1	1	Admit All	Disable	Disable	Disable	0
1/0/19	1	1	Admit All	Disable	Disable	Disable	0
1/0/20	1	1	Admit All	Disable	Disable	Disable	0
1/0/21	1	1	Admit All	Disable	Disable	Disable	0
1/0/22	1	1	Admit All	Disable	Disable	Disable	0
1/0/23	1	1	Admit All	Disable	Disable	Disable	0
1/0/24	1	1	Admit All	Disable	Disable	Disable	0
1/0/25	1	1	Admit All	Disable	Disable	Disable	0
1/0/26	1	1	Admit All	Disable	Disable	Disable	0
1/0/27	1	1	Admit All	Disable	Disable	Disable	0
1/0/28	100	100	Admit All	Disable	Disable	Disable	0
lag 1	1	1	Admit All	Disable	Disable	Disable	0
lag 2	1	1	Admit All	Disable	Disable	Disable	0
lag 3	1	1	Admit All	Disable	Disable	Disable	0
lag 4	1	1	Admit All	Disable	Disable	Disable	0
lag 5	1	1	Admit All	Disable	Disable	Disable	0
lag 6	1	1	Admit All	Disable	Disable	Disable	0
lag 7	1	1	Admit All	Disable	Disable	Disable	0
lag 8	1	1	Admit All	Disable	Disable	Disable	0
lag 9	1	1	Admit All	Disable	Disable	Disable	0
lag 10	1	1	Admit All	Disable	Disable	Disable	0





TechSupportSwitch1V12.0.2.17.txt

lag 115	1	1	Admit	All	Disable	Disable	Disable	0
lag 116	1	1	Admit	All	Disable	Disable	Disable	0
lag 117	1	1	Admit	All	Disable	Disable	Disable	0
lag 118	1	1	Admit	All	Disable	Disable	Disable	0
lag 119	1	1	Admit	All	Disable	Disable	Disable	0
lag 120	1	1	Admit	All	Disable	Disable	Disable	0
lag 121	1	1	Admit	All	Disable	Disable	Disable	0
lag 122	1	1	Admit	All	Disable	Disable	Disable	0
lag 123	1	1	Admit	All	Disable	Disable	Disable	0
lag 124	1	1	Admit	All	Disable	Disable	Disable	0
lag 125	1	1	Admit	All	Disable	Disable	Disable	0
lag 126	1	1	Admit	All	Disable	Disable	Disable	0
lag 127	1	1	Admit	All	Disable	Disable	Disable	0
lag 128	1	1	Admit	All	Disable	Disable	Disable	0

\*\*\*\*\* show port-channel all \*\*\*\*\*

Log. Port	Channel	Admin	Mbr	Device/	Port
Intf	Name	Min	Link	Mode	Type
Active		Ports	Timeout	Speed	
lag 1	ch1	1	Down	En.	Dyn.
lag 2	ch2	1	Down	En.	Dyn.
lag 3	ch3	1	Down	En.	Dyn.
lag 4	ch4	1	Down	En.	Dyn.
lag 5	ch5	1	Down	En.	Dyn.
lag 6	ch6	1	Down	En.	Dyn.
lag 7	ch7	1	Down	En.	Dyn.
lag 8	ch8	1	Down	En.	Dyn.
lag 9	ch9	1	Down	En.	Dyn.
lag 10	ch10	1	Down	En.	Dyn.
lag 11	ch11	1	Down	En.	Dyn.
lag 12	ch12	1	Down	En.	Dyn.
lag 13	ch13	1	Down	En.	Dyn.
lag 14	ch14	1	Down	En.	Dyn.
lag 15	ch15	1	Down	En.	Dyn.
lag 16	ch16	1	Down	En.	Dyn.
lag 17	ch17	1	Down	En.	Dyn.
lag 18	ch18	1	Down	En.	Dyn.
lag 19	ch19	1	Down	En.	Dyn.
lag 20	ch20	1	Down	En.	Dyn.
lag 21	ch21	1	Down	En.	Dyn.
lag 22	ch22	1	Down	En.	Dyn.
lag 23	ch23	1	Down	En.	Dyn.
lag 24	ch24	1	Down	En.	Dyn.
lag 25	ch25	1	Down	En.	Dyn.
lag 26	ch26	1	Down	En.	Dyn.

## TechSupportSwitch1V12.0.2.17.txt

lag 27	ch27	1	Down	En.	Dyn.
lag 28	ch28	1	Down	En.	Dyn.
lag 29	ch29	1	Down	En.	Dyn.
lag 30	ch30	1	Down	En.	Dyn.
lag 31	ch31	1	Down	En.	Dyn.
lag 32	ch32	1	Down	En.	Dyn.
lag 33	ch33	1	Down	En.	Dyn.
lag 34	ch34	1	Down	En.	Dyn.
lag 35	ch35	1	Down	En.	Dyn.
lag 36	ch36	1	Down	En.	Dyn.
lag 37	ch37	1	Down	En.	Dyn.
lag 38	ch38	1	Down	En.	Dyn.
lag 39	ch39	1	Down	En.	Dyn.
lag 40	ch40	1	Down	En.	Dyn.
lag 41	ch41	1	Down	En.	Dyn.
lag 42	ch42	1	Down	En.	Dyn.
lag 43	ch43	1	Down	En.	Dyn.
lag 44	ch44	1	Down	En.	Dyn.
lag 45	ch45	1	Down	En.	Dyn.
lag 46	ch46	1	Down	En.	Dyn.
lag 47	ch47	1	Down	En.	Dyn.
lag 48	ch48	1	Down	En.	Dyn.
lag 49	ch49	1	Down	En.	Dyn.
lag 50	ch50	1	Down	En.	Dyn.
lag 51	ch51	1	Down	En.	Dyn.
lag 52	ch52	1	Down	En.	Dyn.
lag 53	ch53	1	Down	En.	Dyn.
lag 54	ch54	1	Down	En.	Dyn.
lag 55	ch55	1	Down	En.	Dyn.
lag 56	ch56	1	Down	En.	Dyn.
lag 57	ch57	1	Down	En.	Dyn.
lag 58	ch58	1	Down	En.	Dyn.
lag 59	ch59	1	Down	En.	Dyn.
lag 60	ch60	1	Down	En.	Dyn.
lag 61	ch61	1	Down	En.	Dyn.
lag 62	ch62	1	Down	En.	Dyn.
lag 63	ch63	1	Down	En.	Dyn.
lag 64	ch64	1	Down	En.	Dyn.
lag 65	ch65	1	Down	En.	Dyn.
lag 66	ch66	1	Down	En.	Dyn.
lag 67	ch67	1	Down	En.	Dyn.
lag 68	ch68	1	Down	En.	Dyn.
lag 69	ch69	1	Down	En.	Dyn.
lag 70	ch70	1	Down	En.	Dyn.
lag 71	ch71	1	Down	En.	Dyn.
lag 72	ch72	1	Down	En.	Dyn.
lag 73	ch73	1	Down	En.	Dyn.
lag 74	ch74	1	Down	En.	Dyn.
lag 75	ch75	1	Down	En.	Dyn.
lag 76	ch76	1	Down	En.	Dyn.
lag 77	ch77	1	Down	En.	Dyn.
lag 78	ch78	1	Down	En.	Dyn.

## TechSupportSwitch1V12.0.2.17.txt

lag 79	ch79	1	Down	En.	Dyn.
lag 80	ch80	1	Down	En.	Dyn.
lag 81	ch81	1	Down	En.	Dyn.
lag 82	ch82	1	Down	En.	Dyn.
lag 83	ch83	1	Down	En.	Dyn.
lag 84	ch84	1	Down	En.	Dyn.
lag 85	ch85	1	Down	En.	Dyn.
lag 86	ch86	1	Down	En.	Dyn.
lag 87	ch87	1	Down	En.	Dyn.
lag 88	ch88	1	Down	En.	Dyn.
lag 89	ch89	1	Down	En.	Dyn.
lag 90	ch90	1	Down	En.	Dyn.
lag 91	ch91	1	Down	En.	Dyn.
lag 92	ch92	1	Down	En.	Dyn.
lag 93	ch93	1	Down	En.	Dyn.
lag 94	ch94	1	Down	En.	Dyn.
lag 95	ch95	1	Down	En.	Dyn.
lag 96	ch96	1	Down	En.	Dyn.
lag 97	ch97	1	Down	En.	Dyn.
lag 98	ch98	1	Down	En.	Dyn.
lag 99	ch99	1	Down	En.	Dyn.
lag 100	ch100	1	Down	En.	Dyn.
lag 101	ch101	1	Down	En.	Dyn.
lag 102	ch102	1	Down	En.	Dyn.
lag 103	ch103	1	Down	En.	Dyn.
lag 104	ch104	1	Down	En.	Dyn.
lag 105	ch105	1	Down	En.	Dyn.
lag 106	ch106	1	Down	En.	Dyn.
lag 107	ch107	1	Down	En.	Dyn.
lag 108	ch108	1	Down	En.	Dyn.
lag 109	ch109	1	Down	En.	Dyn.
lag 110	ch110	1	Down	En.	Dyn.
lag 111	ch111	1	Down	En.	Dyn.
lag 112	ch112	1	Down	En.	Dyn.
lag 113	ch113	1	Down	En.	Dyn.
lag 114	ch114	1	Down	En.	Dyn.
lag 115	ch115	1	Down	En.	Dyn.
lag 116	ch116	1	Down	En.	Dyn.
lag 117	ch117	1	Down	En.	Dyn.
lag 118	ch118	1	Down	En.	Dyn.
lag 119	ch119	1	Down	En.	Dyn.
lag 120	ch120	1	Down	En.	Dyn.
lag 121	ch121	1	Down	En.	Dyn.
lag 122	ch122	1	Down	En.	Dyn.
lag 123	ch123	1	Down	En.	Dyn.
lag 124	ch124	1	Down	En.	Dyn.
lag 125	ch125	1	Down	En.	Dyn.
lag 126	ch126	1	Down	En.	Dyn.
lag 127	ch127	1	Down	En.	Dyn.
lag 128	ch128	1	Down	En.	Dyn.



\*\*\*\*\* show arp \*\*\*\*\*

Age Time (seconds)..... 1200  
Response Time (seconds)..... 1  
Retries..... 4  
Cache Size..... 760  
Dynamic Renew Mode ..... Enable  
Total Entry Count Current / Peak ..... 2 / 2  
Static Entry Count Configured / Active / Max .. 0 / 0 / 128

IP Address	MAC Address	Interface	Type	Age
-----	-----	-----	-----	-----
		vlan 1	Gateway	0h 0m 34s
		vlan 1	Local	n/a

\*\*\*\*\* show ip route \*\*\*\*\*

Route Codes: C - Connected, S - Static  
R - RIP Derived  
O - OSPF Derived, IA - OSPF Inter Area  
E1 - OSPF External Type 1, E2 - OSPF External Type 2  
N1 - OSPF NSSA External Type 1, N2 - OSPF NSSA External Type 2  
K - Kernel, P - Net Prototype

Default Gateway(s): 192.168.199.20

S 0.0.0.0/0 [254/1] via 192.168.199.20, 02d:20h:50m, vlan 1  
C 192.168.199.0/24 [0/0] directly connected, vlan 1

\*\*\*\*\* show ip stats \*\*\*\*\*

IpInReceives..... 1058759  
IpInHdrErrors..... 0  
IpInAddrErrors..... 478948  
IpForwDatagrams..... 0  
IpInUnknownProtos..... 0  
IpInDiscards..... 0  
IpInDelivers..... 283511  
IpOutRequests..... 10263  
IpOutDiscards..... 0  
IpOutNoRoutes..... 0  
IpReasmTimeout..... 0  
IpReasmReqs..... 0  
IpReasmOKs..... 0  
IpReasmFails..... 0  
IpFragOKs..... 0  
IpFragFails..... 0

TechSupportSwitch1V12.0.2.17.txt

```
IpFragCreates..... 0
IpRoutingDiscards..... 0
IcmpInMsgs..... 0
IcmpInErrors..... 0
IcmpInDestUnreachs..... 0

IcmpInTimeExcds..... 0
IcmpInParmProbs..... 0
IcmpInSrcQuenchs..... 0
IcmpInRedirects..... 0
IcmpInEchos..... 0
IcmpInEchoReps..... 0
IcmpInTimestamps..... 0
IcmpInTimestampReps..... 0
IcmpInAddrMasks..... 0
IcmpInAddrMaskReps..... 0
IcmpOutMsgs..... 0
IcmpOutErrors..... 0
IcmpOutDestUnreachs..... 0
IcmpOutTimeExcds..... 0
IcmpOutParmProbs..... 0
IcmpOutSrcQuenchs..... 0
IcmpOutRedirects..... 0
IcmpOutEchos..... 0
IcmpOutEchoReps..... 0
IcmpOutTimestamps..... 0
IcmpOutTimestampReps..... 0
IcmpOutAddrMasks..... 0
```

\*\*\*\*\* show ip vlan \*\*\*\*\*

MAC Address used by Routing VLANs: 9C:3D:CF:EE:5A:EB

VLAN ID	Logical Interface	IP Address	Subnet Mask
1	vlan 1	192.168.199.40	255.255.255.0

\*\*\*\*\* show routing heap summary \*\*\*\*\*

```
Heap Size ..... 6651200
Memory In Use ..... 55926 ( 0% )
Memory on Free List ..... 748 ( 0% )
Memory Available in Heap ..... 6595114 ( 99% )
In Use High Water Mark ..... 56418 ( 0% )
```

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

TechSupportSwitch1V12.0.2.17.txt

```

Bridge Priority..... 32768
Bridge Identifier..... 80:00:9C:3D:CF:EE:5A:E8
Time Since Topology Change..... 2 day 20 hr 50 min 56 sec
Topology Change Count..... 2
Topology Change in progress..... False
Designated Root..... 80:00:10:DA:43:14:79:76
Root Path Cost..... 4000
Root Port Identifier..... 80:1B
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..... 80:00:9C:3D:CF:EE:5A:E8
Regional Root Path Cost..... 0
Port Triggered TC..... 1/0/27
    
```

Associated FIDs	Associated VLANs
-----	-----
1	1
10	10
100	100
4093	4093

\*\*\*\*\* show stack-port \*\*\*\*\*

Link	Configured Stack	Running Stack	Link
Unit Interface Speed (Gb/s)	Mode	Mode	Status
-----	-----	-----	-----
1 0/25 10	Ethernet	Ethernet	Link Down
1 0/26 10	Ethernet	Ethernet	Link Down
1 0/27 10	SFP+ AXM761	Ethernet	Link Up
1 0/28 10	SFP+ AXC763	Ethernet	Link Up

\*\*\*\*\* show stack-port diag all \*\*\*\*\*

\*\*\*\*\* show stack-port diag all verbose \*\*\*\*\*

-----  
HPC RPC statistics/counters from unit..1  
-----

Registered Functions.....	83
Client Requests.....	172
Server Requests.....	0
Server Duplicate Requests.....	0
Server Replies.....	0
Client Remote Tx.....	0
Client Remote Retransmit Count.....	0
Tx without Errors.....	0
Tx with Errors.....	0
Rx Timeouts.....	0
Rx Early Exits.....	0
Rx Out of Sync.....	0
No Buffer.....	0
Collect Sem Wait Count.....	0
Collect Sem Dispatch Count.....	0

-----  
RPC statistics/counters from unit..1  
-----

Client RPC Requests Count.....	0
Client RPC Reply Count.....	0
Client RPC Fail to xmit Count.....	0
Client RPC Response Timedout Count.....	0
Client RPC Missing Requests.....	0
Client RPC Detach/Remove Count.....	0
Client RPC Current Sequence Number.....	0
Server RPC Request Count.....	0
Server RPC Reply Count.....	0
Server RPC Processed Transactions.....	0
Server RPC Received Wrong Version Req.....	0
Server RPC No Handlers.....	0
Server RPC Retry Transmit Count.....	0
Server RPC Repetitive Tx Errors.....	0

-----  
ATP statistics/counters from unit..1  
-----

Transmit Pending Count.....	0
Current number of TX waits.....	0

TechSupportSwitch1V12.0.2.17.txt

Rx transactions created..... 28  
Rx transactions freed..... 28  
Rx transactions freed(raw)..... 0  
Tx transactions created..... 0  
BET Rx Dropped Pkts Count..... 0  
ATP Rx Dropped Pkts Count..... 0  
Failed to Add Key Pkt Count..... 0  
Source Lookup Failure Count..... 0  
Old Rx transactions Pkts drop Count..... 0  
Nr of CPUs found in ATP communication..... 1

-----  
CPU Transport statistics/counters from unit..1  
-----

State Initialization..... Done  
Rx Setup..... Done  
Tx Setup..... Done  
Tx CoS[0] Reserve..... 100  
Tx CoS[1] Reserve..... 100  
Tx CoS[2] Reserve..... 100  
Tx CoS[3] Reserve..... 100  
Tx CoS[4] Reserve..... 60  
Tx CoS[5] Reserve..... 40  
Tx CoS[6] Reserve..... 20  
Tx CoS[7] Reserve..... 0  
Tx Pkt Pool Size..... 500  
Tx Available Pkt Pool Size..... 500  
Tx failed/error Count..... 0  
Rx Pkt Pool Size..... 8

-----  
Next Hop statistics/counters from unit..1  
-----

State Initialization..... Done  
Component Setup..... Done  
Thread Priority..... 100  
Rx Priority..... 105  
Local CPU Key..... 9c:3d:cf:ee:5a:e8  
MTU Size..... 2048  
Vlan Id..... 4094  
CoS Id..... 7  
Internal Priority for pkt transmission..... 7  
Rx Pkt Queue Size..... 256  
Tx Pkt Queue Size..... 64  
Rx Pkt Dropped Count..... 0  
Tx Failed Pkt Count..... 0

-----  
RLink statistics/counters from unit..1  
-----

```

State Initialization..... Done
L2 Notify In Pkts..... 0
L2 Notify In Pkts discarded..... 0
L2 Notify Out Pkts ..... 0
L2 Notify Out Pkts discarded..... 0
Linkscan In Pkts..... 0
Linkscan In Pkts discarded..... 0
Linkscan Out Pkts ..... 0
Linkscan Out Pkts discarded..... 0
Auth/Unauth In Callbacks..... 0
Auth/Unauth In Callbacks discarded..... 0
Auth/Unauth Out Callbacks..... 0
Auth/Unauth Out Callbacks discarded..... 0
RX Tunnelling In Pkts..... 0
RX Tunnelling In Pkts discarded..... 0
RX Tunnelling Out Pkts..... 0
RX Tunnelling Out Pkts discarded..... 0
OAM Events In..... 0
OAM Events In discarded..... 0
OAM Events Out..... 0
OAM Events Out discarded..... 0
BFD Events In..... 0
BFD Events In discarded..... 0
BFD Events Out..... 0
BFD Events Out discarded..... 0
Fabric Events In..... 0
Fabric Events In discarded..... 0
Fabric Events Out..... 0
Fabric Events Out discarded..... 0
Scan Add Requests In..... 0
Scan Del Requests In..... 0
Scan Notify(Run Handlers) Out..... 0
Scan Notify(Traverse Processing)..... 0
    
```

\*\*\*\*\* show stack-port counters all \*\*\*\*\*

		-----TX-----			-----RX-----		
Link	Interface	Data Rate	Error Rate	Total	Data Rate	Error Rate	Total
Unit		(Mb/s)	(Errors/s)	Errors	(Mb/s)	(Errors/s)	Errors
-----							
1	0/25	0	0	0	0	0	0
0							
1	0/26	0	0	0	0	0	0
0							

TechSupportSwitch1V12.0.2.17.txt

```
1 0/27      0      0      0      0      0      0
0
1 0/28      0      0      0      0      0      0
0
```

\*\*\*\*\* show poe \*\*\*\*\*

```
Unit..... 1

Firmware Version..... 1.8.0.5
PSE Main Operational Status..... ON
Total Power (Main AC)..... 720.0 Watts
Power Source..... Main AC
Threshold Power..... 648.0 Watts
Total Power Consumed..... 6.9 Watts
Usage Threshold..... 90
Power Management Mode..... Dynamic
Traps..... Enable
```

\*\*\*\*\* show logging \*\*\*\*\*

```
Logging Client Local Port      : 514
Logging Client USB File Name   :
Logging Client Source Interface : vlan 1
Logging Client Source IPv4 Address :
CLI Command Logging           : disabled
Logging protocol               : 0
Console Logging                : disabled
Console Logging Severity Filter : error
Buffered Logging              : enabled
Buffered Logging Severity Filter : notice

Syslog Logging                 : disabled

Log Messages Received          : 438
Log Messages Dropped           : 0
Log Messages Relayed           : 0
```

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

```
Buffered (In-Memory) Logging   : enabled
Buffered Logging Wrapping Behavior : On
Buffered Log Count              : 74
```

TechSupportSwitch1V12.0.2.17.txt

<13> Nov 27 06:50:09 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
429 %% Session 0 of type 2 ended for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 27 06:50:01 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
427 %% Session 0 of type 2 started for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 27 00:05:09 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
419 %% Session 0 of type 2 ended for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 27 00:05:01 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
417 %% Session 0 of type 2 started for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 25 23:21:58 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
379 %% Link Up: 1/0/28  
<13> Nov 25 23:21:57 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
377 %% Link Down: 1/0/28  
<13> Nov 25 23:20:25 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
374 %% Link Up: 1/0/28  
<13> Nov 25 23:20:24 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
372 %% Link Down: 1/0/28  
<13> Nov 25 06:50:09 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
350 %% Session 0 of type 2 ended for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 25 06:50:01 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
348 %% Session 0 of type 2 started for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 25 06:14:13 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
347 %% Session 0 of type 2 ended for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 25 06:14:05 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
345 %% Session 0 of type 2 started for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 24 20:45:09 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
330 %% Session 0 of type 2 ended for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 24 20:45:01 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
328 %% Session 0 of type 2 started for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 24 18:17:12 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
323 %% Session 0 of type 2 ended for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 24 18:17:04 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
321 %% Session 0 of type 2 started for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 24 18:14:13 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
320 %% Session 0 of type 2 ended for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 24 18:14:05 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
318 %% Session 0 of type 2 started for user SwitchCtrl connected from  
192.168.4.10.  
<13> Nov 24 15:17:13 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
316 %% Session 0 of type 2 ended for user SwitchCtrl connected from



TechSupportSwitch1V12.0.2.17.txt

192.168.4.10.

<13> Nov 24 15:17:05 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
314 %% Session 0 of type 2 started for user SwitchCtrl connected from  
192.168.4.10.

<13> Nov 24 15:14:13 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
313 %% Session 0 of type 2 ended for user SwitchCtrl connected from  
192.168.4.10.

<13> Nov 24 15:14:05 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
311 %% Session 0 of type 2 started for user SwitchCtrl connected from  
192.168.4.10.

<13> Nov 24 13:29:09 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
306 %% Session 0 of type 2 ended for user SwitchCtrl connected from  
192.168.4.10.

<13> Nov 24 13:29:01 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
304 %% Session 0 of type 2 started for user SwitchCtrl connected from  
192.168.4.10.

<13> Nov 24 13:14:09 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
302 %% Session 0 of type 2 ended for user SwitchCtrl connected from  
192.168.4.10.

<13> Nov 24 13:14:01 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
300 %% Session 0 of type 2 started for user SwitchCtrl connected from  
192.168.4.10.

<13> Jan 1 01:01:36 Etagenswitch PoE AUG-1 TRAPMGR[SNMPCfgTask]:  
traputil.c(763) 295 %% Cold Start: Unit: 0

<13> Jan 1 01:01:05 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
294 %% Link Up: 1/0/24

<13> Jan 1 01:01:04 Etagenswitch PoE AUG-1 TRAPMGR[PoE Req]: traputil.c(763)  
292 %% PoE: 1/0/24 power up

<13> Jan 1 01:01:00 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
291 %% Link Down: 1/0/24

<13> Jan 1 01:01:00 Etagenswitch PoE AUG-1 TRAPMGR[PoE Req]: traputil.c(763)  
289 %% PoE: 1/0/24 power down

<13> Jan 1 01:00:48 Etagenswitch PoE AUG-1 TRAPMGR[dot1s\_task]: traputil.c(763)  
287 %% Spanning Tree Topology Change Received: MSTID: 0 1/0/27

<13> Jan 1 01:00:46 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
286 %% Entity Database: Configuration Changed

<13> Jan 1 01:00:46 Etagenswitch PoE AUG-1 TRAPMGR[dot1s\_task]: traputil.c(763)  
285 %% Spanning Tree Topology Change Received: MSTID: 0 1/0/27

<13> Jan 1 01:00:46 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
284 %% Link Up: 1/0/24

<13> Jan 1 01:00:44 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
282 %% Link Up: vlan 1

<13> Jan 1 01:00:44 Etagenswitch PoE AUG-1 TRAPMGR[dot1s\_task]: traputil.c(763)  
281 %% Spanning Tree Topology Change Initiated: 0, Interface: 1/0/27

<13> Jan 1 01:00:44 Etagenswitch PoE AUG-1 TRAPMGR[dot1s\_task]: traputil.c(763)  
280 %% Spanning Tree Topology Change: 0, Unit: 1

<13> Jan 1 01:00:44 Etagenswitch PoE AUG-1 TRAPMGR[dot1s\_task]: traputil.c(763)  
279 %% Spanning Tree Topology Change Received: MSTID: 0 1/0/27

<13> Jan 1 01:00:44 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
278 %% Link Up: 1/0/27

<13> Jan 1 01:00:44 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
276 %% Link Down: vlan 1

TechSupportSwitch1V12.0.2.17.txt

<13> Jan 1 01:00:44 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
275 %% Unit 1 elected as the new STP root  
<13> Jan 1 01:00:44 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
274 %% Link Down: 1/0/27  
<13> Jan 1 01:00:44 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
272 %% SFP inserted in 1/0/28  
<13> Jan 1 01:00:44 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
271 %% SFP inserted in 1/0/27  
<13> Jan 1 01:00:43 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
270 %% Link Up: 1/0/28  
<13> Jan 1 01:00:43 Etagenswitch PoE AUG-1 TRAPMGR[PoE Req]: traputil.c(763)  
268 %% PoE: 1/0/24 power up  
<13> Jan 1 01:00:43 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
267 %% Link Up: vlan 1  
<13> Jan 1 01:00:43 Etagenswitch PoE AUG-1 TRAPMGR[dot1s\_task]: traputil.c(763)  
266 %% Spanning Tree Topology Change Initiated: 0, Interface: 1/0/27  
<13> Jan 1 01:00:43 Etagenswitch PoE AUG-1 TRAPMGR[dot1s\_task]: traputil.c(763)  
265 %% Spanning Tree Topology Change: 0, Unit: 1  
<13> Jan 1 01:00:43 Etagenswitch PoE AUG-1 TRAPMGR[dot1s\_task]: traputil.c(763)  
264 %% Spanning Tree Topology Change Received: MSTID: 0 1/0/27  
<13> Jan 1 01:00:43 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
263 %% Link Up: 1/0/27  
<13> Jan 1 01:00:42 Etagenswitch PoE AUG-1 TRAPMGR[trapTask]: traputil.c(721)  
261 %% Power On Start has completed on unit 1.  
<12> Jan 1 01:00:41 Etagenswitch PoE AUG-1 PVT\_GROUP[nim\_t]:  
cnfrg\_hw\_tally.c(356) 253 %% PRIVATE\_GROUP\_VLAN reported unexpectedly for L2  
hardware reconciliation  
<13> Jan 1 01:00:40 Etagenswitch PoE AUG-1 USB\_FD[emWeb]:  
usbFlashDrive\_core.c(903) 249 %% There is startup-config on flash.  
<13> Jan 1 01:00:40 Etagenswitch PoE AUG-1 SIM[emWeb]: sim\_util.c(3831) 247 %  
Switch firmware operational: M4300-28G-PoE+ ProSAFE 24-port 1G PoE+ and 2-port  
10GBASE-T and 2-port 10G SFP+, 12.0.2.17, 1.0.0.8  
<13> Jan 1 00:00:40 192.168.0.239-1 TRAPMGR[trapTask]: traputil.c(721) 238 %  
Link Down: vlan 1  
<13> Jan 1 00:00:36 192.168.0.239-1 IP[tRpcsrv.02000]: openr\_policy.c(1438) 70  
%% Added RPPI routing policy client ospf:0.  
<13> Jan 1 00:00:36 192.168.0.239-1 General[Cnfrg\_Thread ]:  
l7utils\_inet\_addr.c(508) 68 %% INET\_ADDR:Invalid FamilyType - 0  
<13> Jan 1 00:00:35 192.168.0.239-1 SIM[Cnfrg\_Thread ]: sim\_svc\_port.c(325) 67  
%% Service port IPv4 address has been set to 192.168.0.239.  
<13> Jan 1 00:00:35 192.168.0.239-1 SIM[Cnfrg\_Thread ]: sim\_svc\_port.c(325) 61  
%% Service port IPv4 address has been set to 192.168.0.239.  
<13> Jan 1 00:00:35 192.168.0.239-1 SIM[Cnfrg\_Thread ]: sim\_svc\_port.c(325) 60  
%% Service port IPv4 address has been set to 192.168.0.239.  
<13> Jan 1 00:00:32 0.0.0.0-0 General[procLOG]: procmgr.c(2444) 26 %  
Administrative Command:app-start traceroute-0  
<13> Jan 1 00:00:31 0.0.0.0-0 General[procLOG]: procmgr.c(2444) 24 %  
Administrative Command:app-start ping-0  
<13> Jan 1 00:00:31 0.0.0.0-0 BSP[intDisTask]: cpu\_boxs.c(1344) 23 %% Power  
Module interrupt received on the unit 0  
<13> Jan 1 00:00:31 0.0.0.0-0 BSP[intDisTask]: cpu\_boxs.c(1337) 22 %% SFP  
Interrupt received on the unit 0

TechSupportSwitch1V12.0.2.17.txt

```
<13> Jan  1 00:00:30 0.0.0.0-0 General[procLOG]: procmgr.c(2444) 20 %%  
Administrative Command:app-start ospf-00 0  
<13> Jan  1 00:00:30 0.0.0.0-0 General[procLOG]: procmgr.c(2444) 17 %%  
Administrative Command:app-start vr-agent-0  
<9> Jan  1 00:00:29 0.0.0.0-1 SIM[Cnfgr_Thread ]: sim_util.c(3868) 10 %% Switch  
was reset due to operator intervention.  
<13> Jan  1 00:00:29 0.0.0.0-1 OSAPI[fp_main_task]: osapi_netlink.c(489) 9 %%  
Unable to add the entry to /etc/iproute2/rt_protos.  
<10> Jan  1 00:00:29 0.0.0.0-1 General[fp_main_task]: bootos.c(188) 8 %%  
Event(0xaaaaaaaa)  
<13> Jan  1 00:00:29 0.0.0.0-1 BSP[fp_main_task]: bootos.c(172) 7 %% BSP  
initialization complete, starting switch firmware.  
<13> Jan  1 00:00:25 0.0.0.0-1 General[fp_main_task]: sdm_template_mgr.c(488) 3  
%% Booting with default SDM template Data Center - IPv4 and IPv6.  
<9> Jan  1 00:00:23 0.0.0.0-0 General[fp_main_task]: unitmgr.c(6591) 1 %% Reboot  
1 (0x1)
```

\*\*\*\*\* show logging traplogs \*\*\*\*\*

```
Number of Traps Since Last Reset..... 54  
Trap Log Capacity..... 256  
Number of Traps Since Log Last Viewed..... 54
```

Log System Up Time	Trap
0 Nov 27 06:50:09 2017	Session 0 of type 2 ended for user SwitchCtrl connected from 192.168.4.10.
1 Nov 27 06:50:01 2017	Session 0 of type 2 started for user SwitchCtrl connected from 192.168.4.10.
2 Nov 27 00:05:09 2017	Session 0 of type 2 ended for user SwitchCtrl connected from 192.168.4.10.
3 Nov 27 00:05:01 2017	Session 0 of type 2 started for user SwitchCtrl connected from 192.168.4.10.
4 Nov 25 23:21:58 2017	Link Up: 1/0/28
5 Nov 25 23:21:57 2017	Link Down: 1/0/28
6 Nov 25 23:20:25 2017	Link Up: 1/0/28
7 Nov 25 23:20:24 2017	Link Down: 1/0/28
8 Nov 25 06:50:09 2017	Session 0 of type 2 ended for user SwitchCtrl connected from 192.168.4.10.
9 Nov 25 06:50:01 2017	Session 0 of type 2 started for user SwitchCtrl connected from 192.168.4.10.
10 Nov 25 06:14:13 2017	Session 0 of type 2 ended for user SwitchCtrl connected from 192.168.4.10.
11 Nov 25 06:14:05 2017	Session 0 of type 2 started for user SwitchCtrl connected from 192.168.4.10.
12 Nov 24 20:45:09 2017	Session 0 of type 2 ended for user SwitchCtrl connected from 192.168.4.10.
13 Nov 24 20:45:01 2017	Session 0 of type 2 started for user SwitchCtrl connected from 192.168.4.10.
14 Nov 24 18:17:12 2017	Session 0 of type 2 ended for user SwitchCtrl

TechSupportSwitch1V12.0.2.17.txt

```

connected from 192.168.4.10.
15 Nov 24 18:17:04 2017 Session 0 of type 2 started for user SwitchCtrl
connected from 192.168.4.10.
16 Nov 24 18:14:13 2017 Session 0 of type 2 ended for user SwitchCtrl
connected from 192.168.4.10.
17 Nov 24 18:14:05 2017 Session 0 of type 2 started for user SwitchCtrl
connected from 192.168.4.10.
18 Nov 24 15:17:13 2017 Session 0 of type 2 ended for user SwitchCtrl
connected from 192.168.4.10.
19 Nov 24 15:17:05 2017 Session 0 of type 2 started for user SwitchCtrl
connected from 192.168.4.10.
20 Nov 24 15:14:13 2017 Session 0 of type 2 ended for user SwitchCtrl
connected from 192.168.4.10.
21 Nov 24 15:14:05 2017 Session 0 of type 2 started for user SwitchCtrl
connected from 192.168.4.10.
22 Nov 24 13:29:09 2017 Session 0 of type 2 ended for user SwitchCtrl
connected from 192.168.4.10.
23 Nov 24 13:29:01 2017 Session 0 of type 2 started for user SwitchCtrl
connected from 192.168.4.10.
24 Nov 24 13:14:09 2017 Session 0 of type 2 ended for user SwitchCtrl
connected from 192.168.4.10.
25 Nov 24 13:14:01 2017 Session 0 of type 2 started for user SwitchCtrl
connected from 192.168.4.10.
26 Jan 1 01:01:36 1970 Cold Start: Unit: 0
27 Jan 1 01:01:05 1970 Link Up: 1/0/24
28 Jan 1 01:01:04 1970 PoE: 1/0/24 power up
29 Jan 1 01:01:00 1970 Link Down: 1/0/24
30 Jan 1 01:01:00 1970 PoE: 1/0/24 power down
31 Jan 1 01:00:48 1970 Spanning Tree Topology Change Received: MSTID: 0
1/0/27
32 Jan 1 01:00:46 1970 Entity Database: Configuration Changed
33 Jan 1 01:00:46 1970 Spanning Tree Topology Change Received: MSTID: 0
1/0/27
34 Jan 1 01:00:46 1970 Link Up: 1/0/24
35 Jan 1 01:00:44 1970 Link Up: vlan 1
36 Jan 1 01:00:44 1970 Spanning Tree Topology Change Initiated: 0,
Interface: 1/0/27
37 Jan 1 01:00:44 1970 Spanning Tree Topology Change: 0, Unit: 1
38 Jan 1 01:00:44 1970 Spanning Tree Topology Change Received: MSTID: 0
1/0/27
39 Jan 1 01:00:44 1970 Link Up: 1/0/27
40 Jan 1 01:00:44 1970 Link Down: vlan 1
41 Jan 1 01:00:44 1970 Unit 1 elected as the new STP root
42 Jan 1 01:00:44 1970 Link Down: 1/0/27
43 Jan 1 01:00:44 1970 SFP inserted in 1/0/28
44 Jan 1 01:00:44 1970 SFP inserted in 1/0/27
45 Jan 1 01:00:43 1970 Link Up: 1/0/28
46 Jan 1 01:00:43 1970 PoE: 1/0/24 power up
47 Jan 1 01:00:43 1970 Link Up: vlan 1
48 Jan 1 01:00:43 1970 Spanning Tree Topology Change Initiated: 0,
Interface: 1/0/27
49 Jan 1 01:00:43 1970 Spanning Tree Topology Change: 0, Unit: 1

```

TechSupportSwitch1V12.0.2.17.txt

50 Jan 1 01:00:43 1970 Spanning Tree Topology Change Received: MSTID: 0  
1/0/27  
51 Jan 1 01:00:43 1970 Link Up: 1/0/27  
52 Jan 1 01:00:42 1970 Power On Start has completed on unit 1.  
53 Jan 1 00:00:40 1970 Link Down: vlan 1

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

LLDP Remote Device Summary

Local Interface	RemID	Chassis ID	Port ID	System Name
1/0/1				
1/0/2				
1/0/3				
1/0/4				
1/0/5				
1/0/6				
1/0/7				
1/0/8				
1/0/9				
1/0/10				
1/0/11				
1/0/12				
1/0/13				
1/0/14				
1/0/15				
1/0/16				
1/0/17				
1/0/18				
1/0/19				
1/0/20				
1/0/21				
1/0/22				
1/0/23				
1/0/24				
1/0/25				
1/0/26				
1/0/27	1	20:0C:C8:51:64:65	1/0/4	Central Fiber ...
1/0/28				

\*\*\*\*\* show isdp neighbors \*\*\*\*\*

Capability Codes: R - Router, T - Trans Bridge, B - Source Route Bridge,  
S - Switch, H - Host, I - IGMP, r - Repeater

TechSupportSwitch1V12.0.2.17.txt

Device ID	Intf	Holdtime	Capability	Platform	Port ID
2ER4445XF003D	1/0/27	172	R	XSM7224S	1/0/4

\*\*\*\*\* show link state group \*\*\*\*\*

GroupId	Downstream Interfaces	Upstream Interfaces	Link Action
No groups configured.			

\*\*\*\*\* show running-config \*\*\*\*\*

```
!Current Configuration:
!
!System Description "M4300-28G-PoE+ ProSAFE 24-port 1G PoE+ and 2-port 10GBASE-T
and 2-port 10G SFP+, 12.0.2.17, 1.0.0.8"
!System Software Version "12.0.2.17"
!System Up Time "2 days 20 hrs 51 mins 40 secs"
!Additional Packages QOS,Multicast,IPv6,IPv6 Management,Stacking,Routing
!Current SNTP Synchronized Time: Nov 27 07:49:21 2017 UTC
!
vlan database
vlan 10,100,4093
vlan name 10 "Direct Internet"
vlan name 100 "Standard Datenverkehr"
vlan name 4093 "End-VLAN"
vlan routing 1 1
exit
configure
sntp server "82.197.164.46"
sntp server "81.94.123.17" 2
sntp server "217.147.208.1" 3
clock summer-time recurring EU offset 60 zone "CET"
clock timezone 1 minutes 0 zone "CET"
stack
member 1 2
exit
slot 1/0 2
set slot power 1/0
no set slot disable 1/0
username "" password level 15 encrypted
line console
serial timeout 15
```

TechSupportSwitch1V12.0.2.17.txt

```
exit
line telnet
exit
line ssh
exit
snmp-server sysname ""
snmp-server location "G"
snmp-server contact
!
interface 1/0/1
no poe
exit
interface 1/0/2
no poe
exit
interface 1/0/3
no poe
exit
interface 1/0/4
no poe
exit
interface 1/0/5
no poe
exit
interface 1/0/6
no poe
exit
interface 1/0/7
no poe
exit
interface 1/0/8
no poe
exit
interface 1/0/9
no poe
exit
interface 1/0/10
no poe
exit
interface 1/0/11
no poe
exit
interface 1/0/12
no poe
exit
interface 1/0/13
no poe
exit
interface 1/0/14
no poe
exit
interface 1/0/15
```

```
no poe
exit
interface 1/0/16
no poe
exit
interface 1/0/17
no poe
exit
interface 1/0/18
no poe
exit
interface 1/0/19
no poe
exit
interface 1/0/20
no poe
exit
interface 1/0/21
no poe
exit
interface 1/0/22
no poe
exit
interface 1/0/23
vlan participation include 10,100
vlan tagging 10,100
no poe
exit
interface 1/0/24
vlan participation include 10,100
vlan tagging 10,100
exit
interface 1/0/25
vlan participation include 10,100
vlan tagging 10,100
exit
interface 1/0/26
vlan participation include 10,100
vlan tagging 10,100
exit
interface 1/0/27
vlan participation include 10,100
vlan tagging 10,100
exit
interface 1/0/28
switchport trunk allowed vlan 4093
vlan pvid 100
vlan participation auto 1
vlan participation include 100,4093
exit
interface vlan 1
routing
```



```
ip address dhcp
exit
router rip
exit
router ospf
exit
ipv6 router ospf
exit
exit
```

\*\*\*\*\* debug crash & kernel logs \*\*\*\*\*

\*\*\*\*\* Debug crashlog 0 unit 1 \*\*\*\*\*

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

\*\*\*\*\* Debug crashlog 1 unit 1 \*\*\*\*\*

```
Displaying FASTPATH Crash Dump 1
For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)
Crash Dump 1 is not found
```

\*\*\*\*\* Debug crashlog 2 unit 1 \*\*\*\*\*

```
Displaying FASTPATH Crash Dump 2
For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)
Crash Dump 2 is not found
```

\*\*\*\*\* Debug crashlog 3 unit 1 \*\*\*\*\*

```
Displaying FASTPATH Crash Dump 3
For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)
Crash Dump 3 is not found
```

\*\*\*\*\* Debug crashlog 4 unit 1 \*\*\*\*\*

```
Displaying FASTPATH Crash Dump 4
For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)
Crash Dump 4 is not found
```

\*\*\*\*\* Debug crashlog kernel 0 unit 1 \*\*\*\*\*

TechSupportSwitch1V12.0.2.17.txt

\*\*\*\*\* Debug crashlog kernel 1 unit 1 \*\*\*\*\*

\*\*\*\*\* Debug crashlog kernel 2 unit 1 \*\*\*\*\*

\*\*\*\*\* Debug crashlog kernel 3 unit 1 \*\*\*\*\*

\*\*\*\*\* Debug crashlog kernel 4 unit 1 \*\*\*\*\*

\*\*\*\*\* Display stack-path information. \*\*\*\*\*

Switch 2 does not exist!

Switch 3 does not exist!

Switch 4 does not exist!

Switch 5 does not exist!

Switch 6 does not exist!

Switch 7 does not exist!

Switch 8 does not exist!

TechSupportSwitch2V12.0.2.12.txt

\*\*\*\*\* show version \*\*\*\*\*

Switch: 1

System Description..... M4300-28G-PoE+ ProSAFE 24-port  
1G PoE+ and 2-port 10GBASE-T and 2-port 10G SFP+, 12.0.2.12, 1.0.0.8

Machine Model..... M4300-28G-PoE+  
Serial Number.....  
Burned In MAC Address.....  
Software Version..... 12.0.2.12  
CPLD version..... 0x1  
Bootcode Version..... 1.0.0.8  
Current Time..... Nov 27 09:05:21 2017  
CET(UTC+1:00)  
Current SNTP Sync Status..... Success

\*\*\*\*\* show sysinfo \*\*\*\*\*

System Description..... M4300-28G-PoE+ ProSAFE 24-port  
1G PoE+ and 2-port 10GBASE-T and 2-port 10G SFP+, 12.0.2.12, 1.0.0.8

System Name.....  
System Location.....  
System Contact.....  
System Object ID..... 1.3.6.1.4.1.4526.100.1.32  
System Up Time..... 0 days 0 hrs 2 mins 34 secs  
Current SNTP Synchronized Time..... Nov 27 08:05:21 2017 UTC

MIBs Supported:

RFC 1907 - SNMPv2-MIB	The MIB module for SNMPv2 entities
HC-RMON-MIB	The original version of this MIB, published as RFC3273.
HCNUM-TC	A MIB module containing textual conventions for high capacity data types.
SNMP-COMMUNITY-MIB	This MIB module defines objects to help support coexistence between SNMPv1, SNMPv2, and SNMPv3.
SNMP-MPD-MIB	The MIB for Message Processing and Dispatching
SNMP-TARGET-MIB	The Target MIB Module
SNMP-VIEW-BASED-ACM-MIB	The management information definitions for the View-based Access Control Model for SNMP.
NETGEAR-POWER-ETHERNET-MIB	NETGEAR Power Ethernet Extensions MIB

TechSupportSwitch2V12.0.2.12.txt

SFLOW-MIB	sFlow MIB
NETGEAR-ISDP-MIB	Industry Standard Discovery Protocol MIB
NETGEAR-BOXSERVICES-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Box Services Feature.
IANA-ADDRESS-FAMILY-NUMBERS-MIB	The MIB module defines the AddressFamilyNumbers textual convention.
NETGEAR-DHCPCLIENT-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR DHCP Client
NETGEAR-DENIALOFSERVICE-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Denial of Service.
NETGEAR-KEYING-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Keying Utility
LLDP-EXT-DOT3-MIB	The LLDP Management Information Base extension module for IEEE 802.3 organizationally defined discovery information.
NETGEAR-LLPF-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Link Local Protocol Filtering.
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-RESOLVER-MIB	The MIB module for entities implementing the client (resolver) side of the Domain Name System (DNS) protocol.
NETGEAR-OUTBOUNDTELNET-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR Outbound Telnet
NETGEAR-TIMEZONE-PRIVATE-MIB	The NETGEAR Private MIB for NETGEAR for system time, timezone and summer-time settings
LAG-MIB	The Link Aggregation module for managing IEEE 802.3ad
RFC 1493 - BRIDGE-MIB	Definitions of Managed Objects for Bridges (dot1d)
RFC 2674 - Q-BRIDGE-MIB	The VLAN Bridge MIB module for managing Virtual Bridged Local Area Networks
RFC 2863 - IF-MIB	The Interfaces Group MIB using SMIV2
NETGEAR-SWITCHING-MIB	NETGEAR Switching - Layer 2
NETGEAR-PORTSECURITY-PRIVATE-MIB	Port Security MIB.
IANAifType-MIB	This MIB module defines the IANAifType Textual Convention
MAU-MIB	Management information for 802.3 MAUs.
NETGEAR-MVR-PRIVATE-MIB	The NETGEAR Private MIB for MVR Configuration
IEEE8021-PFC-MIB	Priority-based Flow Control module for managing IEEE 802.1Qbb
IEEE8021-PAE-MIB	Port Access Entity module for managing IEEE 802.1X.
NETGEAR-DOT1X-AUTHENTICATION-SERVER-MIB	The NETGEAR Private MIB for NETGEAR Dot1x Authentication Server
RADIUS-ACC-CLIENT-MIB	RADIUS Accounting Client MIB
TACACS-CLIENT-MIB	Defines a portion of the SNMP MIB under the NETGEAR Corporation enterprise OID pertaining to TACACS+ client configuration.

TechSupportSwitch2V12.0.2.12.txt

NETGEAR-AUTHENTICATION-MANAGER-MIB B The NETGEAR Private MIB for NETGEAR authentication manager feature.  
 RFC 1724 - RIPV2-MIB RIP Version 2 MIB Extension  
 RFC 1850 - OSPF-TRAP-MIB The MIB module to describe traps for the OSPF Version 2 Protocol.  
 NETGEAR-ROUTING-MIB NETGEAR Routing - Layer 3  
 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-COS-MIB NETGEAR Flex QOS COS  
 RFC 3289 - DIFFSERV-DSCP-TC Management Information Base for the Textual Conventions used in DIFFSERV-MIB  
 NETGEAR-QOS-DIFFSERV-EXTENSIONS-MIB NETGEAR Flex QOS DiffServ Private MIBs' definitions  
 NETGEAR-QOS-ISCSI-MIB NETGEAR Flex QOS iSCSI Flow Acceleration MIBs' definitions  
 draft-ietf-magma-mgmd-mib-03 MGMD MIB, includes IGMPv3 and MLDv2.  
 RFC 5240 - PIM-BSR-MIB Bootstrap Router mechanism for PIM routers  
 IANA-RTPROTO-MIB IANA IP Route Protocol and IP MRoute Protocol Textual Conventions  
 IPMROUTE-STD-MIB The MIB module for management of IP Multicast routing, but independent of the specific multicast routing protocol in use.  
 NETGEAR-NSF-MIB The MIB module defines objects to configure Non Stop Forwarding.  
 RFC 2466 - IPV6-ICMP-MIB Management Information Base for IP Version 6: ICMPv6 Group  
 NETGEAR-ROUTING6-MIB The NETGEAR Private MIB for NETGEAR IPv6 Routing.  
 NETGEAR-IPV6-LOOPBACK-MIB The NETGEAR Private MIB for NETGEAR Loopback IPV6 address configuration.

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

```
Total Packets Received (Octets)..... 334448
Packets Received Without Error..... 3585
Unicast Packets Received..... 2183
Multicast Packets Received..... 521
Broadcast Packets Received..... 881
Receive Packets Discarded..... 0

Octets Transmitted..... 2916407
Packets Transmitted Without Errors..... 2261
Unicast Packets Transmitted..... 2139
Multicast Packets Transmitted..... 113
Broadcast Packets Transmitted..... 9
Transmit Packets Discarded..... 0

Packets forwarded by cpu..... 0
```

```

IP Packets received without errors..... 5751

Most Address Entries Ever Used..... 84
Address Entries Currently in Use..... 84

Maximum VLAN Entries..... 4093
Most VLAN Entries Ever Used..... 3
Static VLAN Entries..... 3
Dynamic VLAN Entries..... 0
VLAN Deletes..... 0
Time Since Counters Last Cleared..... 0 day 0 hr 2 min 34 sec
    
```

\*\*\*\*\* show port all \*\*\*\*\*

Intf	Type	Admin Mode	Physical Mode	Physical Status	Link Status	Link Trap	LACP Mode	Flow Mode
1/0/1		Enable	Auto	100 Full	Up	Enable	Enable	Disable
1/0/2		Enable	Auto	100 Full	Up	Enable	Enable	Disable
1/0/3		Enable	Auto		Down	Enable	Enable	Disable
1/0/4		Enable	Auto		Down	Enable	Enable	Disable
1/0/5		Enable	Auto		Down	Enable	Enable	Disable
1/0/6		Enable	Auto		Down	Enable	Enable	Disable
1/0/7		Enable	Auto		Down	Enable	Enable	Disable
1/0/8		Enable	Auto		Down	Enable	Enable	Disable
1/0/9		Enable	Auto		Down	Enable	Enable	Disable
1/0/10		Enable	Auto		Down	Enable	Enable	Disable
1/0/11		Enable	Auto		Down	Enable	Enable	Disable
1/0/12		Enable	Auto		Down	Enable	Enable	Disable
1/0/13		Enable	Auto		Down	Enable	Enable	Disable
1/0/14		Enable	Auto		Down	Enable	Enable	Disable
1/0/15		Enable	Auto		Down	Enable	Enable	Disable
1/0/16		Enable	Auto		Down	Enable	Enable	Disable
1/0/17		Enable	Auto		Down	Enable	Enable	Disable
1/0/18		Enable	Auto		Down	Enable	Enable	Disable
1/0/19		Enable	Auto		Down	Enable	Enable	Disable
1/0/20		Enable	Auto		Down	Enable	Enable	Disable
1/0/21		Enable	Auto	1000 Full	Up	Enable	Enable	Disable
1/0/22		Enable	Auto	1000 Full	Up	Enable	Enable	Disable
1/0/23		Enable	Auto	1000 Full	Up	Enable	Enable	Disable
1/0/24		Enable	Auto	1000 Full	Up	Enable	Enable	Disable
1/0/25		Enable	Auto		Down	Enable	Enable	Disable
1/0/26		Enable	Auto		Down	Enable	Enable	Disable
1/0/27		Enable	10G Full	10G Full	Up	Enable	Enable	Disable
1/0/28		Enable	10G Full		Down	Enable	Enable	Disable
lag 1		Enable			Down	Disable	N/A	Disable
lag 2		Enable			Down	Disable	N/A	Disable
lag 3		Enable			Down	Disable	N/A	Disable
lag 4		Enable			Down	Disable	N/A	Disable
lag 5		Enable			Down	Disable	N/A	Disable

TechSupportSwitch2V12.0.2.12.txt

lag 6	Enable	Down	Disable	N/A	Disable
lag 7	Enable	Down	Disable	N/A	Disable
lag 8	Enable	Down	Disable	N/A	Disable
lag 9	Enable	Down	Disable	N/A	Disable
lag 10	Enable	Down	Disable	N/A	Disable
lag 11	Enable	Down	Disable	N/A	Disable
lag 12	Enable	Down	Disable	N/A	Disable
lag 13	Enable	Down	Disable	N/A	Disable
lag 14	Enable	Down	Disable	N/A	Disable
lag 15	Enable	Down	Disable	N/A	Disable
lag 16	Enable	Down	Disable	N/A	Disable
lag 17	Enable	Down	Disable	N/A	Disable
lag 18	Enable	Down	Disable	N/A	Disable
lag 19	Enable	Down	Disable	N/A	Disable
lag 20	Enable	Down	Disable	N/A	Disable
lag 21	Enable	Down	Disable	N/A	Disable
lag 22	Enable	Down	Disable	N/A	Disable
lag 23	Enable	Down	Disable	N/A	Disable
lag 24	Enable	Down	Disable	N/A	Disable
lag 25	Enable	Down	Disable	N/A	Disable
lag 26	Enable	Down	Disable	N/A	Disable
lag 27	Enable	Down	Disable	N/A	Disable
lag 28	Enable	Down	Disable	N/A	Disable
lag 29	Enable	Down	Disable	N/A	Disable
lag 30	Enable	Down	Disable	N/A	Disable
lag 31	Enable	Down	Disable	N/A	Disable
lag 32	Enable	Down	Disable	N/A	Disable
lag 33	Enable	Down	Disable	N/A	Disable
lag 34	Enable	Down	Disable	N/A	Disable
lag 35	Enable	Down	Disable	N/A	Disable
lag 36	Enable	Down	Disable	N/A	Disable
lag 37	Enable	Down	Disable	N/A	Disable
lag 38	Enable	Down	Disable	N/A	Disable
lag 39	Enable	Down	Disable	N/A	Disable
lag 40	Enable	Down	Disable	N/A	Disable
lag 41	Enable	Down	Disable	N/A	Disable
lag 42	Enable	Down	Disable	N/A	Disable
lag 43	Enable	Down	Disable	N/A	Disable
lag 44	Enable	Down	Disable	N/A	Disable
lag 45	Enable	Down	Disable	N/A	Disable
lag 46	Enable	Down	Disable	N/A	Disable
lag 47	Enable	Down	Disable	N/A	Disable
lag 48	Enable	Down	Disable	N/A	Disable
lag 49	Enable	Down	Disable	N/A	Disable
lag 50	Enable	Down	Disable	N/A	Disable
lag 51	Enable	Down	Disable	N/A	Disable
lag 52	Enable	Down	Disable	N/A	Disable
lag 53	Enable	Down	Disable	N/A	Disable
lag 54	Enable	Down	Disable	N/A	Disable
lag 55	Enable	Down	Disable	N/A	Disable
lag 56	Enable	Down	Disable	N/A	Disable
lag 57	Enable	Down	Disable	N/A	Disable

TechSupportSwitch2V12.0.2.12.txt

lag 58	Enable	Down	Disable	N/A	Disable
lag 59	Enable	Down	Disable	N/A	Disable
lag 60	Enable	Down	Disable	N/A	Disable
lag 61	Enable	Down	Disable	N/A	Disable
lag 62	Enable	Down	Disable	N/A	Disable
lag 63	Enable	Down	Disable	N/A	Disable
lag 64	Enable	Down	Disable	N/A	Disable
lag 65	Enable	Down	Disable	N/A	Disable
lag 66	Enable	Down	Disable	N/A	Disable
lag 67	Enable	Down	Disable	N/A	Disable
lag 68	Enable	Down	Disable	N/A	Disable
lag 69	Enable	Down	Disable	N/A	Disable
lag 70	Enable	Down	Disable	N/A	Disable
lag 71	Enable	Down	Disable	N/A	Disable
lag 72	Enable	Down	Disable	N/A	Disable
lag 73	Enable	Down	Disable	N/A	Disable
lag 74	Enable	Down	Disable	N/A	Disable
lag 75	Enable	Down	Disable	N/A	Disable
lag 76	Enable	Down	Disable	N/A	Disable
lag 77	Enable	Down	Disable	N/A	Disable
lag 78	Enable	Down	Disable	N/A	Disable
lag 79	Enable	Down	Disable	N/A	Disable
lag 80	Enable	Down	Disable	N/A	Disable
lag 81	Enable	Down	Disable	N/A	Disable
lag 82	Enable	Down	Disable	N/A	Disable
lag 83	Enable	Down	Disable	N/A	Disable
lag 84	Enable	Down	Disable	N/A	Disable
lag 85	Enable	Down	Disable	N/A	Disable
lag 86	Enable	Down	Disable	N/A	Disable
lag 87	Enable	Down	Disable	N/A	Disable
lag 88	Enable	Down	Disable	N/A	Disable
lag 89	Enable	Down	Disable	N/A	Disable
lag 90	Enable	Down	Disable	N/A	Disable
lag 91	Enable	Down	Disable	N/A	Disable
lag 92	Enable	Down	Disable	N/A	Disable
lag 93	Enable	Down	Disable	N/A	Disable
lag 94	Enable	Down	Disable	N/A	Disable
lag 95	Enable	Down	Disable	N/A	Disable
lag 96	Enable	Down	Disable	N/A	Disable
lag 97	Enable	Down	Disable	N/A	Disable
lag 98	Enable	Down	Disable	N/A	Disable
lag 99	Enable	Down	Disable	N/A	Disable
lag 100	Enable	Down	Disable	N/A	Disable
lag 101	Enable	Down	Disable	N/A	Disable
lag 102	Enable	Down	Disable	N/A	Disable
lag 103	Enable	Down	Disable	N/A	Disable
lag 104	Enable	Down	Disable	N/A	Disable
lag 105	Enable	Down	Disable	N/A	Disable
lag 106	Enable	Down	Disable	N/A	Disable
lag 107	Enable	Down	Disable	N/A	Disable
lag 108	Enable	Down	Disable	N/A	Disable
lag 109	Enable	Down	Disable	N/A	Disable



TechSupportSwitch2V12.0.2.12.txt

lag 110	Enable	Down	Disable	N/A	Disable
lag 111	Enable	Down	Disable	N/A	Disable
lag 112	Enable	Down	Disable	N/A	Disable
lag 113	Enable	Down	Disable	N/A	Disable
lag 114	Enable	Down	Disable	N/A	Disable
lag 115	Enable	Down	Disable	N/A	Disable
lag 116	Enable	Down	Disable	N/A	Disable
lag 117	Enable	Down	Disable	N/A	Disable
lag 118	Enable	Down	Disable	N/A	Disable
lag 119	Enable	Down	Disable	N/A	Disable
lag 120	Enable	Down	Disable	N/A	Disable
lag 121	Enable	Down	Disable	N/A	Disable
lag 122	Enable	Down	Disable	N/A	Disable
lag 123	Enable	Down	Disable	N/A	Disable
lag 124	Enable	Down	Disable	N/A	Disable
lag 125	Enable	Down	Disable	N/A	Disable
lag 126	Enable	Down	Disable	N/A	Disable
lag 127	Enable	Down	Disable	N/A	Disable
lag 128	Enable	Down	Disable	N/A	Disable
vlan 1	Enable	Up	Enable	N/A	Disable

\*\*\*\*\* show process cpu \*\*\*\*\*

Memory and Process CPU Utilization Info of Unit:1

Memory Utilization Report

status KBytes

-----

free 314808

alloc 702632

CPU Utilization:

PID	Name	5 Secs	60 Secs
3	(ksoftirqd/0)	0.00%	0.02%
12	(kworker/0:1)	0.00%	0.02%
1353	(procmgr)	0.00%	0.13%
1417	(syncdb)	0.00%	0.01%
1427	hwMonTask	0.00%	0.02%
1458	bcmINTR	0.58%	0.38%
1461	bcmL2X.0	4.29%	3.36%
1462	bcmCNTR.0	0.78%	0.71%
1467	bcmRX	0.19%	0.26%
1480	bcmLINK.0	0.39%	0.38%
1481	cpuUtilMonitorTask	0.39%	0.31%
1491	tap_monitor_task	1.17%	0.68%
1496	simPts_task	1.36%	0.94%
1504	emWeb	2.92%	1.76%
1506	dtlTask	0.78%	0.37%

TechSupportSwitch2V12.0.2.12.txt

1510	hapiRxTask	0.19%	0.26%
1538	dot1qTask	0.00%	0.02%
1541	dot1s_task	0.00%	0.11%
1553	snoopTask	0.00%	0.04%
1562	dhcpsPingTask	0.00%	0.01%
1586	ipMapForwardingTask	0.97%	0.58%
1591	openrTask	1.17%	1.10%
1631	lldpTask	0.97%	1.17%
1643	RMONTask	0.19%	0.45%
1663	openSyncTask	0.00%	0.01%
1712	poe_monitor	9.55%	11.91%
-----			
Total CPU Utilization		25.93%	25.24%

\*\*\*\*\* show process memory \*\*\*\*\*

Total: 1017440 KB  
 Allocated: 702632 KB  
 Free: 314808 KB

Component	Current	Allocated	[change]
MaxAllocated[Allocs/Frees]			
1 - SIM	4591817	[+4591817]	5281553
[1650/26]			
2 - NIM	813157	[+813157]	813157 [20/0]
3 - TRAPMGR	1416	[+1416]	1416 [1/0]
5 - CNFGR	21448	[+21448]	21448 [123/0]
6 - DRIVER	23460096	[+23460096]	23460832
[3752/798]			
7 - POLICY	27928	[+27928]	27928 [2/0]
8 - DOT1Q	5115260	[+5115260]	5115260 [13/0]
9 - PBVLAN	2760	[+2760]	2760 [1/0]
10 - DOT3AD	643308	[+643308]	643308 [6/0]
11 - STATSMGR	11618228	[+11618228]	11618228 [8/0]
14 - USMDB	747960	[+747960]	747960 [2/0]
17 - FDB	638976	[+638976]	638976 [4/0]
18 - GARP	2496926	[+2496926]	2496926 [33/6]
19 - SNMP	10967	[+10967]	12484
[2802/2609]			
20 - DTL	426204	[+426204]	426204 [18/0]
21 - USER_MGR	29616	[+29616]	29616 [2/0]
22 - CLI_WEB	7291834	[+7291834]	8925222
[32830/12812]			
24 - IP	8176957	[+8176957]	8243569 [86/51]
25 - RTR_DISC	26048	[+26048]	26048 [4/0]
27 - RIP	129257	[+129257]	129257 [12/0]
28 - IGMP	8457628	[+8457628]	8457628 [4/0]
29 - MCAST	72071296	[+72071296]	72071296 [19/0]
30 - PIMDM	34644	[+34644]	34644 [2/0]
31 - DVMRP	108	[+108]	108 [1/0]

## TechSupportSwitch2V12.0.2.12.txt

32	- PIMSM	59052[ +59052]	59052 [2/0]
33	- VRRP	70189914[+70189914]	70189914
		[1207/0]	
37	- QOS_ACL	17531748[+17531748]	17531748 [18/0]
38	- QOS_COS	197700[ +197700]	197700 [4/0]
39	- QOS_DIFFSERV	54426040[+54426040]	54426040 [51/0]
40	- PORT_MIRROR	1716[ +1716]	1716 [1/0]
41	- MFDB	1469352[+1469352]	1469352 [3/0]
42	- FILTER	737944[ +737944]	737944 [4/0]
43	- IP_HELPER	355704[ +355704]	355704 [136/0]
44	- SNOOPING	12703252[+12703252]	12703252 [128/0]
48	- DOT1S	68465704[+68465704]	68465704 [32/0]
49	- RADIUS	1894400[+1894400]	1894400 [2/0]
50	- TACACS	364856[ +364856]	364856 [3/0]
51	- DOT1X	2074963[+2074963]	2074963 [18/0]
52	- DHCP	1971712[+1971712]	1971712 [4/0]
53	- DVLANTAG	19448[ +19448]	19448 [2/0]
55	- OPENSLL	164[ +164]	164 [1/0]
56	- SSLT	204[ +204]	204 [1/0]
57	- SSHD	41364[ +41364]	41364 [1/0]
60	- UNITMGR	23332[ +23332]	23332 [6/0]
61	- CARDMGR	146700[ +146700]	146700 [20/0]
62	- STACKING	8192[ +8192]	8192 [1/0]
63	- EDB	1240[ +1240]	1240 [31/0]
66	- FFTP	20828[ +20828]	20828 [1/0]
67	- OSAPI	122963496[+122963496]	122963496
		[3580/106]	
68	- POE	110696[ +110696]	110696 [3/0]
70	- LOG	160888[ +160888]	160888 [5/0]
71	- SNTP	648[ +648]	648 [3/0]
72	- OUTBOUND_TELNET	112[ +112]	112 [1/0]
73	- PORT_MACLOCK	847720[ +847720]	847720 [315/0]
75	- DENIAL_OF_SERVICE	13496[ +13496]	13496 [2/0]
81	- OSPFV3	127684[ +127684]	127684 [15/0]
82	- IPV6	931834[ +931834]	931834 [23/0]
83	- RLIM	2052[ +2052]	2052 [6/0]
84	- DHCP6S	196772[ +196772]	196772 [4/0]
85	- LLDP	2595707[+2595707]	2595707 [18/0]
86	- IP_SUBNET_VLAN	5804[ +5804]	5804 [4/0]
87	- MAC_VLAN	24748[ +24748]	24748 [4/0]
88	- PROTECTED_PORT	456[ +456]	456 [1/0]
90	- DNS_CLIENT	361640[ +361640]	361640 [5/0]
92	- BSP	256[ +256]	256 [1/0]
94	- MFC	54272[ +54272]	54272 [2/0]
95	- VOICE_VLAN	82728[ +82728]	82728 [7/0]
96	- DHCP_SNOOPING	7465372[+7465372]	7465372 [13/0]
97	- DYNAMIC_ARP_INSPECTION	2847112[+2847112]	2847112 [6/0]
98	- QOS_VOIP	59696[ +59696]	59696 [6/0]
99	- SFLOW	454012[ +454012]	454012 [14/0]
100	- CAPTIVE_PORTAL	9338518[+9338518]	9338518 [33/0]
101	- ISDP	1489443[+1489443]	1489533 [15/6]
102	- MGMT_ACAL	2244[ +2244]	2244 [2/0]

TechSupportSwitch2V12.0.2.12.txt

103 - BOX_SERVICES	140[ +140]	140 [1/0]
105 - QOS_ISCSI	308652[ +308652]	308652 [6/0]
106 - RMON	7207040[+7207040]	7207040 [19/0]
111 - AUTO_INSTALL	3236[ +3236]	3236 [1/0]
112 - DHCP_CLIENT	189952[ +189952]	189952 [132/0]
113 - BOOTP_CLIENT	1416[ +1416]	1416 [1/0]
114 - CAPTIVE_PORTAL_WIRED_INTF_OWNE	131232[ +131232]	131232 [11/0]
115 - DHCP6_CLIENT	684[ +684]	684 [9/0]
117 - PRIVATE_GROUP_VLAN	39126[ +39126]	39126 [2/0]
118 - CHECKPOINT_SERVICE	8192[ +8192]	8192 [1/0]
119 - ARP	124640[ +124640]	124640 [4/0]
120 - MVR	1202414[+1202414]	1202414 [11/0]
121 - PFC	26220[ +26220]	26220 [3/0]
123 - LLPF	708[ +708]	708 [1/0]
125 - TIMERANGES	148100[ +148100]	148100 [4/0]
127 - GREENETHR	143580[ +143580]	143580 [5/0]
128 - MRP	17024[ +17024]	17024 [2/0]
129 - MMRP	1946952[+1946952]	1946952 [562/0]
130 - MVRP	6876632[+6876632]	6876632 [559/0]
133 - USBFLASHDRIVE	468[ +468]	468 [1/0]
137 - OPENFLOW	3778282[+3778282]	3778282 [34/0]
138 - PFXLIST	10264[ +10264]	10264 [2/0]
139 - ROUTEMAP	2576[ +2576]	2576 [2/0]
140 - PBR	22900[ +22900]	22900 [1/0]
141 - UDLD	842563[ +842563]	842563 [6/0]
145 - RPC_SERVER	1049996[+1049996]	1049996 [11/0]
146 - RPCAP	23284[ +23284]	23284 [6/0]
147 - RMT_SESSION	100[ +100]	100 [1/0]
148 - STATS_APP	3890080[+3890080]	3890080 [10/0]
149 - OpEN_API	58880[ +58880]	58880 [3/0]
151 - AUTHMGR	206292[ +206292]	206292 [13/0]
155 - RAGUARD	140[ +140]	140 [2/0]
163 - DAS	1093520[+1093520]	1093520 [8/0]
169 - LOOP_PROTECT	44308[ +44308]	44308 [3/0]
173 - -Unknown-	458[ +458]	458 [24/0]

Total Current Usage = 559076825

osapi Debug overhead = 1803592

\*\*\*\*\* show mbuf total \*\*\*\*\*

```

Mbufs Total..... 246
Mbufs Free..... 246
Mbufs Rx Used..... 0
Mbufs Rx Norm Used..... 0
Mbufs Rx Mid2 Used..... 0
Mbufs Rx Mid1 Used..... 0
Mbufs Rx Mid0 Used..... 0
Mbufs Rx High Used..... 0
Mbufs Tx Used..... 0

```

TechSupportSwitch2V12.0.2.12.txt

```
Total Rx Norm Alloc Attempts..... 497
Total Rx Mid2 Alloc Attempts..... 2749
Total Rx Mid1 Alloc Attempts..... 271
Total Rx Mid0 Alloc Attempts..... 0
Total Rx High Alloc Attempts..... 68
Total Tx Alloc Attempts..... 3044
Total Rx Norm Alloc Failures..... 0
Total Rx Mid2 Alloc Failures..... 0
Total Rx Mid1 Alloc Failures..... 0
Total Rx Mid0 Alloc Failures..... 0
Total Rx High Alloc Failures..... 0
Total Tx Alloc Failures..... 0
```

\*\*\*\*\* show switch \*\*\*\*\*

Management SW	Standby Switch	Preconfig Model ID	Plugged-in Model ID	Switch Status	Code
12.0.2.12	Mgmt Sw	M4300-28G-PoE+	M4300-28G-PoE+	OK	

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

Flow Intf	Media Type	STP Mode	Physical Mode	Physical Status	Link Status	Loop Status	Partner Control
1/0/1	Copper	FWD	Auto	100T Full	Up		NA
1/0/2	Copper	FWD	Auto	100T Full	Up		NA
1/0/3		DIS	Auto		Down		NA
1/0/4		DIS	Auto		Down		NA
1/0/5		DIS	Auto		Down		NA
1/0/6		DIS	Auto		Down		NA
1/0/7		DIS	Auto		Down		NA
1/0/8		DIS	Auto		Down		NA

TechSupportSwitch2V12.0.2.12.txt

1/0/9		DIS	Auto			Down	NA
1/0/10		DIS	Auto			Down	NA
1/0/11		DIS	Auto			Down	NA
1/0/12		DIS	Auto			Down	NA
1/0/13		DIS	Auto			Down	NA
1/0/14		DIS	Auto			Down	NA
1/0/15		DIS	Auto			Down	NA
1/0/16		DIS	Auto			Down	NA
1/0/17		DIS	Auto			Down	NA
1/0/18		DIS	Auto			Down	NA
1/0/19		DIS	Auto			Down	NA
1/0/20		DIS	Auto			Down	NA
1/0/21	Copper	FWD	Auto	1000	Full	Up	On
1/0/22	Copper	FWD	Auto	1000	Full	Up	On
1/0/23	Copper	FWD	Auto	1000	Full	Up	On
1/0/24	Copper	FWD	Auto	1000	Full	Up	On
1/0/25		DIS	Auto			Down	NA
1/0/26		DIS	Auto			Down	NA
1/0/27	10GBase-SR	FWD	10G Full	10G	Full	Up	NA
1/0/28		DIS	10G Full			Down	NA
lag 1		DIS				Down	NA
lag 2		DIS				Down	NA
lag 3		DIS				Down	NA
lag 4		DIS				Down	NA
lag 5		DIS				Down	NA
lag 6		DIS				Down	NA

TechSupportSwitch2V12.0.2.12.txt

lag 7	DIS	Down	NA
lag 8	DIS	Down	NA
lag 9	DIS	Down	NA
lag 10	DIS	Down	NA
lag 11	DIS	Down	NA
lag 12	DIS	Down	NA
lag 13	DIS	Down	NA
lag 14	DIS	Down	NA
lag 15	DIS	Down	NA
lag 16	DIS	Down	NA
lag 17	DIS	Down	NA
lag 18	DIS	Down	NA
lag 19	DIS	Down	NA
lag 20	DIS	Down	NA
lag 21	DIS	Down	NA
lag 22	DIS	Down	NA
lag 23	DIS	Down	NA
lag 24	DIS	Down	NA
lag 25	DIS	Down	NA
lag 26	DIS	Down	NA
lag 27	DIS	Down	NA
lag 28	DIS	Down	NA
lag 29	DIS	Down	NA
lag 30	DIS	Down	NA
lag 31	DIS	Down	NA
lag 32	DIS	Down	NA

TechSupportSwitch2V12.0.2.12.txt

lag 33	DIS	Down	NA
lag 34	DIS	Down	NA
lag 35	DIS	Down	NA
lag 36	DIS	Down	NA
lag 37	DIS	Down	NA
lag 38	DIS	Down	NA
lag 39	DIS	Down	NA
lag 40	DIS	Down	NA
lag 41	DIS	Down	NA
lag 42	DIS	Down	NA
lag 43	DIS	Down	NA
lag 44	DIS	Down	NA
lag 45	DIS	Down	NA
lag 46	DIS	Down	NA
lag 47	DIS	Down	NA
lag 48	DIS	Down	NA
lag 49	DIS	Down	NA
lag 50	DIS	Down	NA
lag 51	DIS	Down	NA
lag 52	DIS	Down	NA
lag 53	DIS	Down	NA
lag 54	DIS	Down	NA
lag 55	DIS	Down	NA
lag 56	DIS	Down	NA
lag 57	DIS	Down	NA
lag 58	DIS	Down	NA



TechSupportSwitch2V12.0.2.12.txt

lag 59	DIS	Down	NA
lag 60	DIS	Down	NA
lag 61	DIS	Down	NA
lag 62	DIS	Down	NA
lag 63	DIS	Down	NA
lag 64	DIS	Down	NA
lag 65	DIS	Down	NA
lag 66	DIS	Down	NA
lag 67	DIS	Down	NA
lag 68	DIS	Down	NA
lag 69	DIS	Down	NA
lag 70	DIS	Down	NA
lag 71	DIS	Down	NA
lag 72	DIS	Down	NA
lag 73	DIS	Down	NA
lag 74	DIS	Down	NA
lag 75	DIS	Down	NA
lag 76	DIS	Down	NA
lag 77	DIS	Down	NA
lag 78	DIS	Down	NA
lag 79	DIS	Down	NA
lag 80	DIS	Down	NA
lag 81	DIS	Down	NA
lag 82	DIS	Down	NA
lag 83	DIS	Down	NA
lag 84	DIS	Down	NA

TechSupportSwitch2V12.0.2.12.txt

lag 85	DIS	Down	NA
lag 86	DIS	Down	NA
lag 87	DIS	Down	NA
lag 88	DIS	Down	NA
lag 89	DIS	Down	NA
lag 90	DIS	Down	NA
lag 91	DIS	Down	NA
lag 92	DIS	Down	NA
lag 93	DIS	Down	NA
lag 94	DIS	Down	NA
lag 95	DIS	Down	NA
lag 96	DIS	Down	NA
lag 97	DIS	Down	NA
lag 98	DIS	Down	NA
lag 99	DIS	Down	NA
lag 100	DIS	Down	NA
lag 101	DIS	Down	NA
lag 102	DIS	Down	NA
lag 103	DIS	Down	NA
lag 104	DIS	Down	NA
lag 105	DIS	Down	NA
lag 106	DIS	Down	NA
lag 107	DIS	Down	NA
lag 108	DIS	Down	NA
lag 109	DIS	Down	NA
lag 110	DIS	Down	NA

TechSupportSwitch2V12.0.2.12.txt

lag 111	DIS	Down	NA
lag 112	DIS	Down	NA
lag 113	DIS	Down	NA
lag 114	DIS	Down	NA
lag 115	DIS	Down	NA
lag 116	DIS	Down	NA
lag 117	DIS	Down	NA
lag 118	DIS	Down	NA
lag 119	DIS	Down	NA
lag 120	DIS	Down	NA
lag 121	DIS	Down	NA
lag 122	DIS	Down	NA
lag 123	DIS	Down	NA
lag 124	DIS	Down	NA
lag 125	DIS	Down	NA
lag 126	DIS	Down	NA
lag 127	DIS	Down	NA
lag 128	DIS	Down	NA
vlan 1	-	Up	NA

\*\*\*\*\* show environment \*\*\*\*\*

Temp (C)..... 28  
Temperature traps range: 0 to 90 degrees (Celsius)

Temperature Sensors:

Unit	Sensor	Description	Temp (C)	State	Max_Temp (C)
1	1	MAC	28	Normal	90
1	2	System	27	Normal	90

Fans:

Unit	Fan	Description	Type	Speed	Duty level	State
1	1	System-1	Fixed	4290	39%	Operational
1	2	System-2	Fixed	4290	39%	Operational
1	3	System-3	Fixed	4290	39%	Operational

Power Modules:

Unit	Power supply	Description	Type	State
1	1	Internal AC-1	Fixed	Operational
1	2	Internal AC-2	Fixed	Operational

\*\*\*\*\* show stack-status all \*\*\*\*\*

Stack Unit 1 Status

Sampling Mode: Cumulative Summing

Unit	Current	Average	Min	Max	Dropped

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

Address Entries Currently in Use..... 84

VLAN ID	MAC Address	Interface	IfIndex	Status
1	00:22:44:66:88:00	1/0/24	24	Learned
1	00:30:FB:20:31:83	1/0/1	1	Learned
1	10:DA:43:DA:7F:C5	1/0/27	27	Learned
1	10:DA:43:DA:96:8B	1/0/27	27	Learned
1	20:0C:C8:51:64:67	1/0/27	27	Learned
1	2C:30:33:08:B2:00	1/0/27	27	Learned
1	2C:30:33:08:C0:20	1/0/27	27	Learned
1	2C:30:33:08:CE:A0	1/0/22	22	Learned
1	2C:30:33:08:CE:A8	1/0/22	22	Learned
1	2C:30:33:98:09:60	1/0/27	27	Learned
1	2C:30:33:98:79:80	1/0/27	27	Learned
1	2C:30:33:99:49:A0	1/0/27	27	Learned
1	2C:30:33:99:4D:C0	1/0/27	27	Learned
1	2C:30:33:99:55:E0	1/0/21	21	Learned
1	2C:30:33:99:55:E8	1/0/21	21	Learned
1	2C:30:33:99:58:60	1/0/23	23	Learned
1	2C:30:33:99:58:68	1/0/23	23	Learned
1	2C:30:33:99:61:40	1/0/27	27	Learned

## TechSupportSwitch2V12.0.2.12.txt

1	2C:30:33:99:63:E0	1/0/27	27	Learned
1	2C:30:33:99:6A:80	1/0/27	27	Learned
1	2C:30:33:99:81:80	1/0/24	24	Learned
1	2C:30:33:99:81:88	1/0/24	24	Learned
1	2C:30:33:99:82:40	1/0/27	27	Learned
1	2C:30:33:99:82:E0	1/0/27	27	Learned
1	2C:30:33:99:88:20	1/0/27	27	Learned
1	9C:3D:CF:EE:5A:E8	1/0/27	27	Learned
1	A0:04:60:1B:34:0B	CPU Interface: 0/5/1	417	Management
1	A0:04:60:1B:34:0E	vlan 1	546	Management
1	C0:EA:E4:A2:8C:BC	1/0/27	27	Learned
1	E8:FC:AF:BD:3B:00	1/0/27	27	Learned
1	E8:FC:AF:BD:4B:60	1/0/27	27	Learned
100	00:07:4D:53:E5:05	1/0/27	27	Learned
100	00:15:5D:01:02:00	1/0/27	27	Learned
100	00:15:5D:01:04:00	1/0/27	27	Learned
100	00:15:5D:01:04:03	1/0/27	27	Learned
100	00:15:5D:01:04:0A	1/0/27	27	Learned
100	00:15:5D:01:20:01	1/0/27	27	Learned
100	00:15:5D:01:20:03	1/0/27	27	Learned
100	00:15:5D:02:01:05	1/0/27	27	Learned
100	00:15:99:89:81:D2	1/0/27	27	Learned
100	00:1B:E0:06:0C:EE	1/0/27	27	Learned
100	00:C0:EB:0E:6E:50	1/0/27	27	Learned
100	08:62:66:80:DB:63	1/0/27	27	Learned
100	10:C3:7B:6E:75:64	1/0/27	27	Learned
100	10:C3:7B:6E:79:BF	1/0/27	27	Learned
100	10:C3:7B:6E:7A:0B	1/0/27	27	Learned
100	18:0C:AC:DB:0A:8C	1/0/27	27	Learned
100	18:0C:AC:DB:8A:D1	1/0/27	27	Learned
100	18:0C:AC:DB:8A:D4	1/0/27	27	Learned
100	18:0C:AC:DB:8A:D7	1/0/27	27	Learned
100	30:5A:3A:03:68:85	1/0/27	27	Learned
100	30:5A:3A:04:AA:83	1/0/27	27	Learned
100	30:5A:3A:04:AA:AF	1/0/27	27	Learned
100	30:5A:3A:04:AD:60	1/0/27	27	Learned
100	38:2C:4A:72:CB:1C	1/0/27	27	Learned
100	38:2C:4A:72:CF:BE	1/0/27	27	Learned
100	4C:9E:FF:6F:DB:F8	1/0/27	27	Learned
100	78:24:AF:88:71:FC	1/0/27	27	Learned
100	78:24:AF:88:72:D4	1/0/27	27	Learned
100	78:24:AF:88:72:DA	1/0/27	27	Learned
100	78:24:AF:88:73:02	1/0/27	27	Learned
100	78:24:AF:88:73:76	1/0/27	27	Learned
100	78:24:AF:88:73:92	1/0/27	27	Learned
100	78:24:AF:88:73:A1	1/0/27	27	Learned
100	78:24:AF:88:73:D3	1/0/27	27	Learned
100	78:24:AF:88:73:E0	1/0/27	27	Learned
100	78:24:AF:88:73:FD	1/0/27	27	Learned
100	78:24:AF:88:74:07	1/0/27	27	Learned
100	78:24:AF:88:74:50	1/0/27	27	Learned
100	78:24:AF:88:74:57	1/0/27	27	Learned

TechSupportSwitch2V12.0.2.12.txt

100	78:24:AF:88:74:5B	1/0/27	27	Learned
100	78:24:AF:88:74:5E	1/0/27	27	Learned
100	78:24:AF:88:74:5F	1/0/27	27	Learned
100	78:24:AF:88:74:65	1/0/27	27	Learned
100	78:24:AF:88:74:8A	1/0/27	27	Learned
100	78:24:AF:88:74:A7	1/0/27	27	Learned
100	78:24:AF:88:79:62	1/0/27	27	Learned
100	78:24:AF:88:79:A6	1/0/27	27	Learned
100	78:24:AF:88:79:D3	1/0/27	27	Learned
100	90:E2:BA:64:E0:10	1/0/27	27	Learned
100	90:E2:BA:9A:0C:40	1/0/27	27	Learned
100	CC:5D:4E:38:9D:7B	1/0/27	27	Learned
100	E4:A7:A0:F4:B0:05	1/0/27	27	Learned
100	F4:81:39:E5:2D:6E	1/0/27	27	Learned

\*\*\*\*\* show mac-address-table stats \*\*\*\*\*

Max MFDB Table Entries..... 1024  
 Most MFDB Entries Since Last Reset..... 1  
 Current Entries..... 1

\*\*\*\*\* show mac-address-table multicast \*\*\*\*\*

VLAN ID	MAC Address	Source	Type	Description	Interface	Fwd Interface
1	01:00:5E:00:64:FA	IGMP	Dynamic	Network Assist	Fwd: 1/0/27	Fwd: 1/0/27

\*\*\*\*\* show mac-address-table igmpsnopping \*\*\*\*\*

VLAN ID	MAC Address	Type	Description	Interfaces
1	01:00:5E:00:64:FA	Dynamic	Network Assist	Fwd: 1/0/27

\*\*\*\*\* show interface counters \*\*\*\*\*

Port	InDropPkts	InOctets	InUcastPkts	InMcastPkts	InBcastPkts
1/0/1	0	234	2	0	0
1/0/2	0	0	0	0	0

TechSupportSwitch2V12.0.2.12.txt

1/0/3	0	0	0	0	0
1/0/4	0	0	0	0	0
1/0/5	0	0	0	0	0
1/0/6	0	0	0	0	0
1/0/7	0	0	0	0	0
1/0/8	0	0	0	0	0
1/0/9	0	0	0	0	0
1/0/10	0	0	0	0	0
1/0/11	0	0	0	0	0
1/0/12	0	0	0	0	0
1/0/13	0	0	0	0	0
1/0/14	0	0	0	0	0
1/0/15	0	0	0	0	0
1/0/16	0	0	0	0	0
1/0/17	0	0	0	0	0
1/0/18	0	0	0	0	0
1/0/19	0	0	0	0	0
1/0/20	0	0	0	0	0
1/0/21	0	144980	757	17	76
1/0/22	0	131210	682	16	77
1/0/23	0	111685	581	16	57
1/0/24	0	113634	580	16	74
1/0/25	0	0	0	0	0
1/0/26	0	0	0	0	0
1/0/27	0	1246724	4654	458	612
1/0/28	3	0	0	0	0

TechSupportSwitch2V12.0.2.12.txt

ch1	0	0	0	0	0
ch2	0	0	0	0	0
ch3	0	0	0	0	0
ch4	0	0	0	0	0
ch5	0	0	0	0	0
ch6	0	0	0	0	0
ch7	0	0	0	0	0
ch8	0	0	0	0	0
ch9	0	0	0	0	0
ch10	0	0	0	0	0
ch11	0	0	0	0	0
ch12	0	0	0	0	0
ch13	0	0	0	0	0
ch14	0	0	0	0	0
ch15	0	0	0	0	0
ch16	0	0	0	0	0
ch17	0	0	0	0	0
ch18	0	0	0	0	0
ch19	0	0	0	0	0
ch20	0	0	0	0	0
ch21	0	0	0	0	0
ch22	0	0	0	0	0
ch23	0	0	0	0	0
ch24	0	0	0	0	0
ch25	0	0	0	0	0
ch26	0	0	0	0	0



TechSupportSwitch2V12.0.2.12.txt

ch27	0	0	0	0	0
ch28	0	0	0	0	0
ch29	0	0	0	0	0
ch30	0	0	0	0	0
ch31	0	0	0	0	0
ch32	0	0	0	0	0
ch33	0	0	0	0	0
ch34	0	0	0	0	0
ch35	0	0	0	0	0
ch36	0	0	0	0	0
ch37	0	0	0	0	0
ch38	0	0	0	0	0
ch39	0	0	0	0	0
ch40	0	0	0	0	0
ch41	0	0	0	0	0
ch42	0	0	0	0	0
ch43	0	0	0	0	0
ch44	0	0	0	0	0
ch45	0	0	0	0	0
ch46	0	0	0	0	0
ch47	0	0	0	0	0
ch48	0	0	0	0	0
ch49	0	0	0	0	0
ch50	0	0	0	0	0
ch51	0	0	0	0	0
ch52	0	0	0	0	0

TechSupportSwitch2V12.0.2.12.txt

ch53	0	0	0	0	0
ch54	0	0	0	0	0
ch55	0	0	0	0	0
ch56	0	0	0	0	0
ch57	0	0	0	0	0
ch58	0	0	0	0	0
ch59	0	0	0	0	0
ch60	0	0	0	0	0
ch61	0	0	0	0	0
ch62	0	0	0	0	0
ch63	0	0	0	0	0
ch64	0	0	0	0	0
ch65	0	0	0	0	0
ch66	0	0	0	0	0
ch67	0	0	0	0	0
ch68	0	0	0	0	0
ch69	0	0	0	0	0
ch70	0	0	0	0	0
ch71	0	0	0	0	0
ch72	0	0	0	0	0
ch73	0	0	0	0	0
ch74	0	0	0	0	0
ch75	0	0	0	0	0
ch76	0	0	0	0	0
ch77	0	0	0	0	0
ch78	0	0	0	0	0

TechSupportSwitch2V12.0.2.12.txt

ch79	0	0	0	0	0
ch80	0	0	0	0	0
ch81	0	0	0	0	0
ch82	0	0	0	0	0
ch83	0	0	0	0	0
ch84	0	0	0	0	0
ch85	0	0	0	0	0
ch86	0	0	0	0	0
ch87	0	0	0	0	0
ch88	0	0	0	0	0
ch89	0	0	0	0	0
ch90	0	0	0	0	0
ch91	0	0	0	0	0
ch92	0	0	0	0	0
ch93	0	0	0	0	0
ch94	0	0	0	0	0
ch95	0	0	0	0	0
ch96	0	0	0	0	0
ch97	0	0	0	0	0
ch98	0	0	0	0	0
ch99	0	0	0	0	0
ch100	0	0	0	0	0
ch101	0	0	0	0	0
ch102	0	0	0	0	0
ch103	0	0	0	0	0
ch104	0	0	0	0	0

## TechSupportSwitch2V12.0.2.12.txt

ch105	0	0	0	0	0
ch106	0	0	0	0	0
ch107	0	0	0	0	0
ch108	0	0	0	0	0
ch109	0	0	0	0	0
ch110	0	0	0	0	0
ch111	0	0	0	0	0
ch112	0	0	0	0	0
ch113	0	0	0	0	0
ch114	0	0	0	0	0
ch115	0	0	0	0	0
ch116	0	0	0	0	0
ch117	0	0	0	0	0
ch118	0	0	0	0	0
ch119	0	0	0	0	0
ch120	0	0	0	0	0
ch121	0	0	0	0	0
ch122	0	0	0	0	0
ch123	0	0	0	0	0
ch124	0	0	0	0	0
ch125	0	0	0	0	0
ch126	0	0	0	0	0
ch127	0	0	0	0	0
ch128	0	0	0	0	0
CPU	0	334516	2183	521	882
	0				

TechSupportSwitch2V12.0.2.12.txt

Port	OutOctets	OutUcastPkts	OutMcastPkts	OutBcastPkts
OutDropPkts				
1/0/1	69977	21	69	419
1/0/2	68874	23	67	413
1/0/3	0	0	0	0
1/0/4	0	0	0	0
1/0/5	0	0	0	0
1/0/6	0	0	0	0
1/0/7	0	0	0	0
1/0/8	0	0	0	0
1/0/9	0	0	0	0
1/0/10	0	0	0	0
1/0/11	0	0	0	0
1/0/12	0	0	0	0
1/0/13	0	0	0	0
1/0/14	0	0	0	0
1/0/15	0	0	0	0
1/0/16	0	0	0	0
1/0/17	0	0	0	0
1/0/18	0	0	0	0
1/0/19	0	0	0	0
1/0/20	0	0	0	0
1/0/21	376296	729	139	733
1/0/22	339240	663	137	725
1/0/23	299551	568	130	643
1/0/24	310533	555	131	713

TechSupportSwitch2V12.0.2.12.txt

	0				
1/0/25	0	0	0	0	0
	0				
1/0/26	0	0	0	0	0
	0				
1/0/27	0	3367357	4736	26	262
	0				
1/0/28	0	0	0	0	0
	0				
ch1	0	0	0	0	0
	0				
ch2	0	0	0	0	0
	0				
ch3	0	0	0	0	0
	0				
ch4	0	0	0	0	0
	0				
ch5	0	0	0	0	0
	0				
ch6	0	0	0	0	0
	0				
ch7	0	0	0	0	0
	0				
ch8	0	0	0	0	0
	0				
ch9	0	0	0	0	0
	0				
ch10	0	0	0	0	0
	0				
ch11	0	0	0	0	0
	0				
ch12	0	0	0	0	0
	0				
ch13	0	0	0	0	0
	0				
ch14	0	0	0	0	0
	0				
ch15	0	0	0	0	0
	0				
ch16	0	0	0	0	0
	0				
ch17	0	0	0	0	0
	0				
ch18	0	0	0	0	0
	0				
ch19	0	0	0	0	0
	0				
ch20	0	0	0	0	0
	0				
ch21	0	0	0	0	0
	0				
ch22	0	0	0	0	0

TechSupportSwitch2V12.0.2.12.txt

ch23	0	0	0	0	0
ch24	0	0	0	0	0
ch25	0	0	0	0	0
ch26	0	0	0	0	0
ch27	0	0	0	0	0
ch28	0	0	0	0	0
ch29	0	0	0	0	0
ch30	0	0	0	0	0
ch31	0	0	0	0	0
ch32	0	0	0	0	0
ch33	0	0	0	0	0
ch34	0	0	0	0	0
ch35	0	0	0	0	0
ch36	0	0	0	0	0
ch37	0	0	0	0	0
ch38	0	0	0	0	0
ch39	0	0	0	0	0
ch40	0	0	0	0	0
ch41	0	0	0	0	0
ch42	0	0	0	0	0
ch43	0	0	0	0	0
ch44	0	0	0	0	0
ch45	0	0	0	0	0
ch46	0	0	0	0	0
ch47	0	0	0	0	0
ch48	0	0	0	0	0

TechSupportSwitch2V12.0.2.12.txt

ch49	0	0	0	0	0
ch50	0	0	0	0	0
ch51	0	0	0	0	0
ch52	0	0	0	0	0
ch53	0	0	0	0	0
ch54	0	0	0	0	0
ch55	0	0	0	0	0
ch56	0	0	0	0	0
ch57	0	0	0	0	0
ch58	0	0	0	0	0
ch59	0	0	0	0	0
ch60	0	0	0	0	0
ch61	0	0	0	0	0
ch62	0	0	0	0	0
ch63	0	0	0	0	0
ch64	0	0	0	0	0
ch65	0	0	0	0	0
ch66	0	0	0	0	0
ch67	0	0	0	0	0
ch68	0	0	0	0	0
ch69	0	0	0	0	0
ch70	0	0	0	0	0
ch71	0	0	0	0	0
ch72	0	0	0	0	0
ch73	0	0	0	0	0
ch74	0	0	0	0	0



TechSupportSwitch2V12.0.2.12.txt

ch75	0	0	0	0	0
ch76	0	0	0	0	0
ch77	0	0	0	0	0
ch78	0	0	0	0	0
ch79	0	0	0	0	0
ch80	0	0	0	0	0
ch81	0	0	0	0	0
ch82	0	0	0	0	0
ch83	0	0	0	0	0
ch84	0	0	0	0	0
ch85	0	0	0	0	0
ch86	0	0	0	0	0
ch87	0	0	0	0	0
ch88	0	0	0	0	0
ch89	0	0	0	0	0
ch90	0	0	0	0	0
ch91	0	0	0	0	0
ch92	0	0	0	0	0
ch93	0	0	0	0	0
ch94	0	0	0	0	0
ch95	0	0	0	0	0
ch96	0	0	0	0	0
ch97	0	0	0	0	0
ch98	0	0	0	0	0
ch99	0	0	0	0	0
ch100	0	0	0	0	0

TechSupportSwitch2V12.0.2.12.txt

ch101	0	0	0	0	0
ch102	0	0	0	0	0
ch103	0	0	0	0	0
ch104	0	0	0	0	0
ch105	0	0	0	0	0
ch106	0	0	0	0	0
ch107	0	0	0	0	0
ch108	0	0	0	0	0
ch109	0	0	0	0	0
ch110	0	0	0	0	0
ch111	0	0	0	0	0
ch112	0	0	0	0	0
ch113	0	0	0	0	0
ch114	0	0	0	0	0
ch115	0	0	0	0	0
ch116	0	0	0	0	0
ch117	0	0	0	0	0
ch118	0	0	0	0	0
ch119	0	0	0	0	0
ch120	0	0	0	0	0
ch121	0	0	0	0	0
ch122	0	0	0	0	0
ch123	0	0	0	0	0
ch124	0	0	0	0	0
ch125	0	0	0	0	0
ch126	0	0	0	0	0

TechSupportSwitch2V12.0.2.12.txt

ch127	0	0	0	0	0
ch128	0	0	0	0	0
CPU	0	2916407	2139	113	9

\*\*\*\*\* show interface debounce \*\*\*\*\*

Interface	Debounce Time (ms)	Flaps
1/0/1	0	0
1/0/2	0	0
1/0/3	0	0
1/0/4	0	0
1/0/5	0	0
1/0/6	0	0
1/0/7	0	0
1/0/8	0	0
1/0/9	0	0
1/0/10	0	0
1/0/11	0	0
1/0/12	0	0
1/0/13	0	0
1/0/14	0	0
1/0/15	0	0
1/0/16	0	0
1/0/17	0	0
1/0/18	0	0
1/0/19	0	0
1/0/20	0	0
1/0/21	0	0
1/0/22	0	0
1/0/23	0	0
1/0/24	0	0
1/0/25	0	0
1/0/26	0	0
1/0/27	0	0
1/0/28	0	0

\*\*\*\*\* show debugging \*\*\*\*\*

\*\*\*\*\* show fiber-ports optics-info all \*\*\*\*\*

Link Link

Nominal

Port	Vendor Name	Length		Serial Number	Part Number	Bit Rate	Rev
		50um [m]	62.5um [m]				
1/0/27 10GBase-SR	NETGEAR	8	3	3PE14857008CB	AXM761	10300	20

\*\*\*\*\* show fiber-ports optics all \*\*\*\*\*

Port	Temp [C]	Voltage [Volt]	Current [mA]	Output Power [dBm]	Input Power [dBm]	Tx Fault	LOS	Fault Status
1/0/27	23.3	3.242	5.0	-2.496	-2.673	No	No	No Fault

\*\*\*\*\* show vlan \*\*\*\*\*

Maximum VLAN Entries..... 4093  
 VLAN Entries Currently in Use..... 3

VLAN ID	VLAN Name	VLAN Type
1	default	Default
10	Direct Internet	Static
100	Standard Datenverkehr	Static

\*\*\*\*\* show vlan port all \*\*\*\*\*

Interface	Port VLAN ID Configured	Port VLAN ID Current	Acceptable Frame Types	Ingress Filtering Configured	Ingress Filtering Current	GVRP	Default Priority
1/0/1	1	1	Admit All	Disable	Disable	Disable	0
1/0/2	1	1	Admit All	Disable	Disable	Disable	0
1/0/3	1	1	Admit All	Disable	Disable	Disable	0
1/0/4	1	1	Admit All	Disable	Disable	Disable	0
1/0/5	1	1	Admit All	Disable	Disable	Disable	0
1/0/6	1	1	Admit All	Disable	Disable	Disable	0
1/0/7	1	1	Admit All	Disable	Disable	Disable	0
1/0/8	1	1	Admit All	Disable	Disable	Disable	0
1/0/9	1	1	Admit All	Disable	Disable	Disable	0
1/0/10	1	1	Admit All	Disable	Disable	Disable	0
1/0/11	1	1	Admit All	Disable	Disable	Disable	0





TechSupportSwitch2V12.0.2.12.txt

lag 88	1	1	Admit	All	Disable	Disable	Disable	0
lag 89	1	1	Admit	All	Disable	Disable	Disable	0
lag 90	1	1	Admit	All	Disable	Disable	Disable	0
lag 91	1	1	Admit	All	Disable	Disable	Disable	0
lag 92	1	1	Admit	All	Disable	Disable	Disable	0
lag 93	1	1	Admit	All	Disable	Disable	Disable	0
lag 94	1	1	Admit	All	Disable	Disable	Disable	0
lag 95	1	1	Admit	All	Disable	Disable	Disable	0
lag 96	1	1	Admit	All	Disable	Disable	Disable	0
lag 97	1	1	Admit	All	Disable	Disable	Disable	0
lag 98	1	1	Admit	All	Disable	Disable	Disable	0
lag 99	1	1	Admit	All	Disable	Disable	Disable	0
lag 100	1	1	Admit	All	Disable	Disable	Disable	0
lag 101	1	1	Admit	All	Disable	Disable	Disable	0
lag 102	1	1	Admit	All	Disable	Disable	Disable	0
lag 103	1	1	Admit	All	Disable	Disable	Disable	0
lag 104	1	1	Admit	All	Disable	Disable	Disable	0
lag 105	1	1	Admit	All	Disable	Disable	Disable	0
lag 106	1	1	Admit	All	Disable	Disable	Disable	0
lag 107	1	1	Admit	All	Disable	Disable	Disable	0
lag 108	1	1	Admit	All	Disable	Disable	Disable	0
lag 109	1	1	Admit	All	Disable	Disable	Disable	0
lag 110	1	1	Admit	All	Disable	Disable	Disable	0
lag 111	1	1	Admit	All	Disable	Disable	Disable	0
lag 112	1	1	Admit	All	Disable	Disable	Disable	0
lag 113	1	1	Admit	All	Disable	Disable	Disable	0
lag 114	1	1	Admit	All	Disable	Disable	Disable	0
lag 115	1	1	Admit	All	Disable	Disable	Disable	0
lag 116	1	1	Admit	All	Disable	Disable	Disable	0
lag 117	1	1	Admit	All	Disable	Disable	Disable	0
lag 118	1	1	Admit	All	Disable	Disable	Disable	0
lag 119	1	1	Admit	All	Disable	Disable	Disable	0
lag 120	1	1	Admit	All	Disable	Disable	Disable	0
lag 121	1	1	Admit	All	Disable	Disable	Disable	0
lag 122	1	1	Admit	All	Disable	Disable	Disable	0
lag 123	1	1	Admit	All	Disable	Disable	Disable	0
lag 124	1	1	Admit	All	Disable	Disable	Disable	0
lag 125	1	1	Admit	All	Disable	Disable	Disable	0
lag 126	1	1	Admit	All	Disable	Disable	Disable	0
lag 127	1	1	Admit	All	Disable	Disable	Disable	0
lag 128	1	1	Admit	All	Disable	Disable	Disable	0

\*\*\*\*\* show port-channel all \*\*\*\*\*

Log. Port	Channel	Admin	Mbr	Device/	Port
Intf	Name	Min	Link	Mode	Type
Active		Ports	Timeout	Speed	

## TechSupportSwitch2V12.0.2.12.txt

-----  
lag 1 ch1 1 Down En. Dyn.  
lag 2 ch2 1 Down En. Dyn.  
lag 3 ch3 1 Down En. Dyn.  
lag 4 ch4 1 Down En. Dyn.  
lag 5 ch5 1 Down En. Dyn.  
lag 6 ch6 1 Down En. Dyn.  
lag 7 ch7 1 Down En. Dyn.  
lag 8 ch8 1 Down En. Dyn.  
lag 9 ch9 1 Down En. Dyn.  
lag 10 ch10 1 Down En. Dyn.  
lag 11 ch11 1 Down En. Dyn.  
lag 12 ch12 1 Down En. Dyn.  
lag 13 ch13 1 Down En. Dyn.  
lag 14 ch14 1 Down En. Dyn.  
lag 15 ch15 1 Down En. Dyn.  
lag 16 ch16 1 Down En. Dyn.  
lag 17 ch17 1 Down En. Dyn.  
lag 18 ch18 1 Down En. Dyn.  
lag 19 ch19 1 Down En. Dyn.  
lag 20 ch20 1 Down En. Dyn.  
lag 21 ch21 1 Down En. Dyn.  
lag 22 ch22 1 Down En. Dyn.  
lag 23 ch23 1 Down En. Dyn.  
lag 24 ch24 1 Down En. Dyn.  
lag 25 ch25 1 Down En. Dyn.  
lag 26 ch26 1 Down En. Dyn.  
lag 27 ch27 1 Down En. Dyn.  
lag 28 ch28 1 Down En. Dyn.  
lag 29 ch29 1 Down En. Dyn.  
lag 30 ch30 1 Down En. Dyn.  
lag 31 ch31 1 Down En. Dyn.  
lag 32 ch32 1 Down En. Dyn.  
lag 33 ch33 1 Down En. Dyn.  
lag 34 ch34 1 Down En. Dyn.  
lag 35 ch35 1 Down En. Dyn.  
lag 36 ch36 1 Down En. Dyn.  
lag 37 ch37 1 Down En. Dyn.  
lag 38 ch38 1 Down En. Dyn.  
lag 39 ch39 1 Down En. Dyn.  
lag 40 ch40 1 Down En. Dyn.  
lag 41 ch41 1 Down En. Dyn.  
lag 42 ch42 1 Down En. Dyn.  
lag 43 ch43 1 Down En. Dyn.  
lag 44 ch44 1 Down En. Dyn.  
lag 45 ch45 1 Down En. Dyn.  
lag 46 ch46 1 Down En. Dyn.  
lag 47 ch47 1 Down En. Dyn.  
lag 48 ch48 1 Down En. Dyn.  
lag 49 ch49 1 Down En. Dyn.  
lag 50 ch50 1 Down En. Dyn.  
lag 51 ch51 1 Down En. Dyn.



## TechSupportSwitch2V12.0.2.12.txt

lag 52	ch52	1	Down	En.	Dyn.
lag 53	ch53	1	Down	En.	Dyn.
lag 54	ch54	1	Down	En.	Dyn.
lag 55	ch55	1	Down	En.	Dyn.
lag 56	ch56	1	Down	En.	Dyn.
lag 57	ch57	1	Down	En.	Dyn.
lag 58	ch58	1	Down	En.	Dyn.
lag 59	ch59	1	Down	En.	Dyn.
lag 60	ch60	1	Down	En.	Dyn.
lag 61	ch61	1	Down	En.	Dyn.
lag 62	ch62	1	Down	En.	Dyn.
lag 63	ch63	1	Down	En.	Dyn.
lag 64	ch64	1	Down	En.	Dyn.
lag 65	ch65	1	Down	En.	Dyn.
lag 66	ch66	1	Down	En.	Dyn.
lag 67	ch67	1	Down	En.	Dyn.
lag 68	ch68	1	Down	En.	Dyn.
lag 69	ch69	1	Down	En.	Dyn.
lag 70	ch70	1	Down	En.	Dyn.
lag 71	ch71	1	Down	En.	Dyn.
lag 72	ch72	1	Down	En.	Dyn.
lag 73	ch73	1	Down	En.	Dyn.
lag 74	ch74	1	Down	En.	Dyn.
lag 75	ch75	1	Down	En.	Dyn.
lag 76	ch76	1	Down	En.	Dyn.
lag 77	ch77	1	Down	En.	Dyn.
lag 78	ch78	1	Down	En.	Dyn.
lag 79	ch79	1	Down	En.	Dyn.
lag 80	ch80	1	Down	En.	Dyn.
lag 81	ch81	1	Down	En.	Dyn.
lag 82	ch82	1	Down	En.	Dyn.
lag 83	ch83	1	Down	En.	Dyn.
lag 84	ch84	1	Down	En.	Dyn.
lag 85	ch85	1	Down	En.	Dyn.
lag 86	ch86	1	Down	En.	Dyn.
lag 87	ch87	1	Down	En.	Dyn.
lag 88	ch88	1	Down	En.	Dyn.
lag 89	ch89	1	Down	En.	Dyn.
lag 90	ch90	1	Down	En.	Dyn.
lag 91	ch91	1	Down	En.	Dyn.
lag 92	ch92	1	Down	En.	Dyn.
lag 93	ch93	1	Down	En.	Dyn.
lag 94	ch94	1	Down	En.	Dyn.
lag 95	ch95	1	Down	En.	Dyn.
lag 96	ch96	1	Down	En.	Dyn.
lag 97	ch97	1	Down	En.	Dyn.
lag 98	ch98	1	Down	En.	Dyn.
lag 99	ch99	1	Down	En.	Dyn.
lag 100	ch100	1	Down	En.	Dyn.
lag 101	ch101	1	Down	En.	Dyn.
lag 102	ch102	1	Down	En.	Dyn.
lag 103	ch103	1	Down	En.	Dyn.

TechSupportSwitch2V12.0.2.12.txt

```

lag 104 ch104      1    Down  En.   Dyn.
lag 105 ch105      1    Down  En.   Dyn.
lag 106 ch106      1    Down  En.   Dyn.
lag 107 ch107      1    Down  En.   Dyn.
lag 108 ch108      1    Down  En.   Dyn.
lag 109 ch109      1    Down  En.   Dyn.
lag 110 ch110      1    Down  En.   Dyn.
lag 111 ch111      1    Down  En.   Dyn.
lag 112 ch112      1    Down  En.   Dyn.
lag 113 ch113      1    Down  En.   Dyn.
lag 114 ch114      1    Down  En.   Dyn.
lag 115 ch115      1    Down  En.   Dyn.
lag 116 ch116      1    Down  En.   Dyn.
lag 117 ch117      1    Down  En.   Dyn.
lag 118 ch118      1    Down  En.   Dyn.
lag 119 ch119      1    Down  En.   Dyn.
lag 120 ch120      1    Down  En.   Dyn.
lag 121 ch121      1    Down  En.   Dyn.
lag 122 ch122      1    Down  En.   Dyn.
lag 123 ch123      1    Down  En.   Dyn.
lag 124 ch124      1    Down  En.   Dyn.
lag 125 ch125      1    Down  En.   Dyn.
lag 126 ch126      1    Down  En.   Dyn.
lag 127 ch127      1    Down  En.   Dyn.
lag 128 ch128      1    Down  En.   Dyn.

```

\*\*\*\*\* show arp \*\*\*\*\*

```

Age Time (seconds)..... 1200
Response Time (seconds)..... 1
Retries..... 4
Cache Size..... 760
Dynamic Renew Mode ..... Enable
Total Entry Count Current / Peak ..... 2 / 2
Static Entry Count Configured / Active / Max .. 0 / 0 / 128

```

IP Address	MAC Address	Interface	Type	Age
		vlan 1	Gateway	0h 0m 33s
		vlan 1	Local	n/a

\*\*\*\*\* show ip route \*\*\*\*\*

```

Route Codes: C - Connected, S - Static
              R - RIP Derived
              O - OSPF Derived, IA - OSPF Inter Area
              E1 - OSPF External Type 1, E2 - OSPF External Type 2
              N1 - OSPF NSSA External Type 1, N2 - OSPF NSSA External Type 2

```

K - Kernel, P - Net Prototype

Default Gateway(s): 192.168.199.20

S 0.0.0.0/0 [254/1] via 192.168.199.20, 00h:01m:45s, vlan 1  
C [0/0] directly connected, vlan 1

\*\*\*\*\* show ip stats \*\*\*\*\*

IpInReceives.....	7271
IpInHdrErrors.....	0
IpInAddrErrors.....	98
IpForwDatagrams.....	0
IpInUnknownProtos.....	0
IpInDiscards.....	0
IpInDelivers.....	2432
IpOutRequests.....	2024
IpOutDiscards.....	0
IpOutNoRoutes.....	0
IpReasmTimeout.....	0
IpReasmReqds.....	0
IpReasmOKs.....	0
IpReasmFails.....	0
IpFragOKs.....	0
IpFragFails.....	0
IpFragCreates.....	0
IpRoutingDiscards.....	0
IcmpInMsgs.....	0
IcmpInErrors.....	0
IcmpInDestUnreachs.....	0
IcmpInTimeExcds.....	0
IcmpInParmProbs.....	0
IcmpInSrcQuenches.....	0
IcmpInRedirects.....	0
IcmpInEchos.....	0
IcmpInEchoReps.....	0
IcmpInTimestamps.....	0
IcmpInTimestampReps.....	0
IcmpInAddrMasks.....	0
IcmpInAddrMaskReps.....	0
IcmpOutMsgs.....	0
IcmpOutErrors.....	0
IcmpOutDestUnreachs.....	0
IcmpOutTimeExcds.....	0
IcmpOutParmProbs.....	0
IcmpOutSrcQuenches.....	0
IcmpOutRedirects.....	0
IcmpOutEchos.....	0
IcmpOutEchoReps.....	0

TechSupportSwitch2V12.0.2.12.txt

IcmpOutTimestamps..... 0  
IcmpOutTimestampReps..... 0  
IcmpOutAddrMasks..... 0

\*\*\*\*\* show ip vlan \*\*\*\*\*

MAC Address used by Routing VLANs: A0:04:60:1B:34:0E

VLAN ID	Logical Interface	IP Address	Subnet Mask
1	vlan 1	192.168.199.53	255.255.255.0

\*\*\*\*\* show routing heap summary \*\*\*\*\*

Heap Size ..... 6651200  
Memory In Use ..... 55926 ( 0% )  
Memory on Free List ..... 748 ( 0% )  
Memory Available in Heap ..... 6595114 ( 99% )  
In Use High Water Mark ..... 56418 ( 0% )

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

Bridge Priority..... 32768  
Bridge Identifier..... 80:00:A0:04:60:1B:34:0B  
Time Since Topology Change..... 0 day 0 hr 1 min 39 sec  
Topology Change Count..... 3  
Topology Change in progress..... False  
Designated Root..... 80:00:10:DA:43:14:79:76  
Root Path Cost..... 4000  
Root Port Identifier..... 80:1B  
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:A0:04:60:1B:34:0B  
Regional Root Path Cost..... 0  
Port Triggered TC..... 1/0/27

Associated FIDs	Associated VLANs
1	1
10	10
100	100

\*\*\*\*\* show stack-port \*\*\*\*\*

Link Unit	Interface	Type	Product Name	Configured Stack Mode	Running Stack Mode	Link Status
1	0/25			Ethernet	Ethernet	Link Down
1	0/26			Ethernet	Ethernet	Link Down
1	0/27	SFP+	AXM761	Ethernet	Ethernet	Link Up
1	0/28			Ethernet	Ethernet	Link Down

\*\*\*\*\* show stack-port diag all \*\*\*\*\*

\*\*\*\*\* show stack-port diag all verbose \*\*\*\*\*

-----  
HPC RPC statistics/counters from unit..1  
-----

```
Registered Functions..... 83
Client Requests..... 191
Server Requests..... 0
Server Duplicate Requests..... 0
Server Replies..... 0
Client Remote Tx..... 0
Client Remote Retransmit Count..... 0
Tx without Errors..... 0
Tx with Errors..... 0
Rx Timeouts..... 0
Rx Early Exits..... 0
Rx Out of Sync..... 0
No Buffer..... 0
Collect Sem Wait Count..... 0
Collect Sem Dispatch Count..... 0
```

-----  
RPC statistics/counters from unit..1  
-----

Client RPC Requests Count.....	0
Client RPC Reply Count.....	0
Client RPC Fail to xmit Count.....	0
Client RPC Response Timedout Count.....	0
Client RPC Missing Requests.....	0
Client RPC Detach/Remove Count.....	0
Client RPC Current Sequence Number.....	0
Server RPC Request Count.....	0
Server RPC Reply Count.....	0
Server RPC Processed Transactions.....	0
Server RPC Received Wrong Version Req.....	0
Server RPC No Handlers.....	0
Server RPC Retry Transmit Count.....	0
Server RPC Repetitive Tx Errors.....	0

-----  
ATP statistics/counters from unit..1  
-----

Transmit Pending Count.....	0
Current number of TX waits.....	0
Rx transactions created.....	62
Rx transactions freed.....	62
Rx transactions freed(raw).....	0
Tx transactions created.....	0
BET Rx Dropped Pkts Count.....	0
ATP Rx Dropped Pkts Count.....	0
Failed to Add Key Pkt Count.....	0
Source Lookup Failure Count.....	0
Old Rx transactions Pkts drop Count.....	0
Nr of CPUs found in ATP communication.....	1

-----  
CPU Transport statistics/counters from unit..1  
-----

State Initialization.....	Done
Rx Setup.....	Done
Tx Setup.....	Done
Tx CoS[0] Reserve.....	100
Tx CoS[1] Reserve.....	100
Tx CoS[2] Reserve.....	100
Tx CoS[3] Reserve.....	100
Tx CoS[4] Reserve.....	60
Tx CoS[5] Reserve.....	40
Tx CoS[6] Reserve.....	20
Tx CoS[7] Reserve.....	0

TechSupportSwitch2V12.0.2.12.txt

Tx Pkt Pool Size..... 500  
Tx Available Pkt Pool Size..... 500  
Tx failed/error Count..... 0  
Rx Pkt Pool Size..... 8

-----  
Next Hop statistics/counters from unit..1  
-----

State Initialization..... Done  
Component Setup..... Done  
Thread Priority..... 100  
Rx Priority..... 105  
Local CPU Key..... a0:04:60:1b:34:0b  
MTU Size..... 2048  
Vlan Id..... 4094  
CoS Id..... 7  
Internal Priority for pkt transmission..... 7  
Rx Pkt Queue Size..... 256  
Tx Pkt Queue Size..... 64  
Rx Pkt Dropped Count..... 0  
Tx Failed Pkt Count..... 0

-----  
RLink statistics/counters from unit..1  
-----

State Initialization..... Done  
L2 Notify In Pkts..... 0  
L2 Notify In Pkts discarded..... 0  
L2 Notify Out Pkts ..... 0  
L2 Notify Out Pkts discarded..... 0  
Linkscan In Pkts..... 0  
Linkscan In Pkts discarded..... 0  
Linkscan Out Pkts ..... 0  
Linkscan Out Pkts discarded..... 0  
Auth/Unauth In Callbacks..... 0  
Auth/Unauth In Callbacks discarded..... 0  
Auth/Unauth Out Callbacks..... 0  
Auth/Unauth Out Callbacks discarded..... 0  
RX Tunnelling In Pkts..... 0  
RX Tunnelling In Pkts discarded..... 0  
RX Tunnelling Out Pkts..... 0  
RX Tunnelling Out Pkts discarded..... 0  
OAM Events In..... 0  
OAM Events In discarded..... 0  
OAM Events Out..... 0  
OAM Events Out discarded..... 0  
BFD Events In..... 0  
BFD Events In discarded..... 0  
BFD Events Out..... 0  
BFD Events Out discarded..... 0

TechSupportSwitch2V12.0.2.12.txt

```
Fabric Events In..... 0
Fabric Events In discarded..... 0
Fabric Events Out..... 0
Fabric Events Out discarded..... 0
Scan Add Requests In..... 0
Scan Del Requests In..... 0
Scan Notify(Run Handlers) Out..... 0
Scan Notify(Traverse Processing)..... 0
```

\*\*\*\*\* show stack-port counters all \*\*\*\*\*

		-----TX-----			-----RX-----		
Link	Unit	Data Rate	Error Rate	Total	Data Rate	Error Rate	Total
Interface	Flaps	(Mb/s)	(Errors/s)	Errors	(Mb/s)	(Errors/s)	Errors
0/25	0	0	0	0	0	0	0
0/26	0	0	0	0	0	0	0
0/27	0	0	0	0	0	0	0
0/28	0	0	0	0	0	0	0

\*\*\*\*\* show poe \*\*\*\*\*

```
Unit..... 1

Firmware Version..... 1.8.0.5
PSE Main Operational Status..... ON
Total Power (Main AC)..... 720.0 Watts
Power Source..... Main AC
Threshold Power..... 648.0 Watts
Total Power Consumed..... 29.2 Watts
Usage Threshold..... 90
Power Management Mode..... Dynamic
Traps..... Enable
```

\*\*\*\*\* show logging \*\*\*\*\*



TechSupportSwitch2V12.0.2.12.txt

Logging Client Local Port : 514  
Logging Client USB File Name :  
Logging Client Source Interface : vlan 1  
Logging Client Source IPv4 Address :  
CLI Command Logging : disabled  
Logging protocol : 0  
Console Logging : disabled  
Console Logging Severity Filter : error  
Buffered Logging : enabled  
Buffered Logging Severity Filter : notice

Syslog Logging : disabled

Log Messages Received : 329  
Log Messages Dropped : 0  
Log Messages Relayed : 0

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

Buffered (In-Memory) Logging : enabled  
Buffered Logging Wrapping Behavior : On  
Buffered Log Count : 65

<13> Jan 1 01:01:36 Etagen Switch PoE C30G-1 TRAPMGR[SNMPCfgTask]:  
traputil.c(763) 325 %% Cold Start: Unit: 0  
<13> Jan 1 01:01:08 Etagen Switch PoE C30G-1 TRAPMGR[PoE Req]: traputil.c(763)  
324 %% PoE: 1/0/24 power up  
<13> Jan 1 01:01:07 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
323 %% Link Up: 1/0/24  
<13> Jan 1 01:01:07 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
321 %% Link Up: 1/0/23  
<13> Jan 1 01:01:07 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
319 %% Link Up: 1/0/21  
<13> Jan 1 01:01:06 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
317 %% Link Up: 1/0/22  
<13> Jan 1 01:01:04 Etagen Switch PoE C30G-1 TRAPMGR[PoE Req]: traputil.c(763)  
315 %% PoE: 1/0/24 power down  
<13> Jan 1 01:01:01 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
314 %% Link Down: 1/0/24  
<13> Jan 1 01:01:01 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
313 %% Link Down: 1/0/22  
<13> Jan 1 01:01:01 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
310 %% Link Down: 1/0/23  
<13> Jan 1 01:01:01 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
308 %% Link Down: 1/0/21  
<13> Jan 1 01:00:59 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 306 %% Spanning Tree Topology Change Received: MSTID: 0 1/0/27  
<13> Jan 1 01:00:57 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:

traputil.c(763) 305 %% Spanning Tree Topology Change Received: MSTID: 0 1/0/27

<13> Jan 1 01:00:55 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 304 %% Spanning Tree Topology Change Initiated: 0, Interface:  
1/0/27

<13> Jan 1 01:00:55 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 303 %% Spanning Tree Topology Change: 0, Unit: 1  
<13> Jan 1 01:00:55 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 302 %% Spanning Tree Topology Change Received: MSTID: 0 1/0/27

<13> Jan 1 01:00:55 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
301 %% Link Up: 1/0/27

<13> Jan 1 01:00:55 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
299 %% SFP inserted in 1/0/27

<13> Jan 1 01:00:55 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
297 %% Unit 1 elected as the new STP root

<13> Jan 1 01:00:55 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
296 %% Link Down: 1/0/27

<13> Jan 1 01:00:54 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 294 %% Spanning Tree Topology Change Initiated: 0, Interface:  
1/0/27

<13> Jan 1 01:00:54 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 293 %% Spanning Tree Topology Change: 0, Unit: 1

<13> Jan 1 01:00:54 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 292 %% Spanning Tree Topology Change Received: MSTID: 0 1/0/27

<13> Jan 1 01:00:54 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
291 %% Unit 1 elected as the new STP root

<13> Jan 1 01:00:48 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
289 %% Link Up: 1/0/27

<13> Jan 1 01:00:48 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
288 %% Link Down: 1/0/27

<13> Jan 1 01:00:48 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
287 %% Link Up: 1/0/23

<13> Jan 1 01:00:48 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
286 %% Link Up: 1/0/24

<13> Jan 1 01:00:48 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
285 %% Link Up: 1/0/22

<13> Jan 1 01:00:48 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
284 %% Link Up: 1/0/21

<13> Jan 1 01:00:47 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
280 %% Entity Database: Configuration Changed

<13> Jan 1 01:00:47 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 279 %% Spanning Tree Topology Change Received: MSTID: 0 1/0/27

<13> Jan 1 01:00:45 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 274 %% Spanning Tree Topology Change Received: MSTID: 0 1/0/27

<13> Jan 1 01:00:45 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
273 %% Link Up: 1/0/2

<13> Jan 1 01:00:45 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
272 %% Link Up: 1/0/1

TechSupportSwitch2V12.0.2.12.txt

<13> Jan 1 01:00:43 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
269 %% Link Up: vlan 1  
<13> Jan 1 01:00:43 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 268 %% Spanning Tree Topology Change Received: MSTID: 0 1/0/27  
  
<13> Jan 1 01:00:43 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 267 %% Spanning Tree Topology Change Initiated: 0, Interface:  
1/0/27  
<13> Jan 1 01:00:43 Etagen Switch PoE C30G-1 TRAPMGR[dot1s\_task]:  
traputil.c(763) 266 %% Spanning Tree Topology Change: 0, Unit: 1  
<13> Jan 1 01:00:43 Etagen Switch PoE C30G-1 TRAPMGR[PoE Req]: traputil.c(763)  
265 %% PoE: 1/0/24 power up  
<13> Jan 1 01:00:43 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
264 %% Link Up: 1/0/27  
<13> Jan 1 01:00:43 Etagen Switch PoE C30G-1 TRAPMGR[trapTask]: traputil.c(721)  
262 %% Power On Start has completed on unit 1.  
<13> Jan 1 01:00:43 Etagen Switch PoE C30G-1 TRAPMGR[PoE Req]: traputil.c(763)  
260 %% PoE: 1/0/23 power up  
<13> Jan 1 01:00:43 Etagen Switch PoE C30G-1 TRAPMGR[PoE Req]: traputil.c(763)  
259 %% PoE: 1/0/22 power up  
<13> Jan 1 01:00:43 Etagen Switch PoE C30G-1 TRAPMGR[PoE Req]: traputil.c(763)  
258 %% PoE: 1/0/21 power up  
<12> Jan 1 01:00:42 Etagen Switch PoE C30G-1 PVT\_GROUP[nim\_t]:  
cnfgr\_hw\_tally.c(356) 251 %% PRIVATE\_GROUP\_VLAN reported unexpectedly for L2  
hardware reconciliation  
<13> Jan 1 01:00:41 Etagen Switch PoE C30G-1 USB\_FD[emWeb]:  
usbFlashDrive\_core.c(903) 247 %% There is startup-config on flash.  
<13> Jan 1 01:00:41 Etagen Switch PoE C30G-1 SIM[emWeb]: sim\_util.c(3831) 245  
%% Switch firmware operational: M4300-28G-PoE+ ProSAFE 24-port 1G PoE+ and  
2-port 10GBASE-T and 2-port 10G SFP+, 12.0.2.12, 1.0.0.8  
<13> Jan 1 00:00:40 192.168.0.239-1 TRAPMGR[trapTask]: traputil.c(721) 237 %%  
Link Down: vlan 1  
<13> Jan 1 00:00:36 192.168.0.239-1 IP[tRpcsrv.02000]: openr\_policy.c(1438) 69  
%% Added RPPi routing policy client ospf:0.  
<13> Jan 1 00:00:36 192.168.0.239-1 General[Cnfgr\_Thread ]:  
l7utils\_inet\_addr.c(508) 67 %% INET\_ADDR:Invalid FamilyType - 0  
<13> Jan 1 00:00:35 192.168.0.239-1 SIM[Cnfgr\_Thread ]: sim\_svc\_port.c(325) 66  
%% Service port IPv4 address has been set to 192.168.0.239.  
<13> Jan 1 00:00:35 192.168.0.239-1 SIM[Cnfgr\_Thread ]: sim\_svc\_port.c(325) 60  
%% Service port IPv4 address has been set to 192.168.0.239.  
<13> Jan 1 00:00:35 192.168.0.239-1 SIM[Cnfgr\_Thread ]: sim\_svc\_port.c(325) 59  
%% Service port IPv4 address has been set to 192.168.0.239.  
<13> Jan 1 00:00:32 0.0.0.0-0 General[procLOG]: procmgr.c(2444) 25 %%  
Administrative Command:app-start traceroute-0  
<13> Jan 1 00:00:31 0.0.0.0-0 General[procLOG]: procmgr.c(2444) 23 %%  
Administrative Command:app-start ping-0  
<13> Jan 1 00:00:31 0.0.0.0-0 BSP[intDisTask]: cpu\_boxs.c(1344) 22 %% Power  
Module interrupt received on the unit 0  
<13> Jan 1 00:00:31 0.0.0.0-0 BSP[intDisTask]: cpu\_boxs.c(1337) 21 %% SFP  
Interrupt received on the unit 0  
<13> Jan 1 00:00:30 0.0.0.0-0 General[procLOG]: procmgr.c(2444) 19 %%  
Administrative Command:app-start ospf-00 0

TechSupportSwitch2V12.0.2.12.txt

```
<13> Jan  1 00:00:30 0.0.0.0-0 General[procLOG]: procmgr.c(2444) 16 %%
Administrative Command:app-start vr-agent-0
<9> Jan  1 00:00:29 0.0.0.0-1 SIM[Cnfrg_Thread ]: sim_util.c(3889) 9 %% Switch
was reset due to power disruption or unexpected restart.
<13> Jan  1 00:00:29 0.0.0.0-1 OSAPI[fp_main_task]: osapi_netlink.c(489) 8 %%
Unable to add the entry to /etc/iproute2/rt_protos.
<10> Jan  1 00:00:29 0.0.0.0-1 General[fp_main_task]: bootos.c(188) 7 %%
Event(0xaaaaaaaa)
<13> Jan  1 00:00:29 0.0.0.0-1 BSP[fp_main_task]: bootos.c(172) 6 %% BSP
initialization complete, starting switch firmware.
<13> Jan  1 00:00:25 0.0.0.0-1 General[fp_main_task]: sdm_template_mgr.c(488) 2
%% Booting with default SDM template Data Center - IPv4 and IPv6.
```

\*\*\*\*\* show logging traplogs \*\*\*\*\*

```
Number of Traps Since Last Reset..... 46
Trap Log Capacity..... 256
Number of Traps Since Log Last Viewed..... 46
```

Log System Up Time	Trap
0 Jan  1 01:01:36 1970	Cold Start: Unit: 0
1 Jan  1 01:01:08 1970	PoE: 1/0/24 power up
2 Jan  1 01:01:07 1970	Link Up: 1/0/24
3 Jan  1 01:01:07 1970	Link Up: 1/0/23
4 Jan  1 01:01:07 1970	Link Up: 1/0/21
5 Jan  1 01:01:06 1970	Link Up: 1/0/22
6 Jan  1 01:01:04 1970	PoE: 1/0/24 power down
7 Jan  1 01:01:01 1970	Link Down: 1/0/24
8 Jan  1 01:01:01 1970	Link Down: 1/0/22
9 Jan  1 01:01:01 1970	Link Down: 1/0/23
10 Jan  1 01:01:01 1970	Link Down: 1/0/21
11 Jan  1 01:00:59 1970	Spanning Tree Topology Change Received: MSTID: 0 1/0/27
12 Jan  1 01:00:57 1970	Spanning Tree Topology Change Received: MSTID: 0 1/0/27
13 Jan  1 01:00:55 1970	Spanning Tree Topology Change Initiated: 0, Interface: 1/0/27
14 Jan  1 01:00:55 1970	Spanning Tree Topology Change: 0, Unit: 1
15 Jan  1 01:00:55 1970	Spanning Tree Topology Change Received: MSTID: 0 1/0/27
16 Jan  1 01:00:55 1970	Link Up: 1/0/27
17 Jan  1 01:00:55 1970	SFP inserted in 1/0/27
18 Jan  1 01:00:55 1970	Unit 1 elected as the new STP root
19 Jan  1 01:00:55 1970	Link Down: 1/0/27
20 Jan  1 01:00:54 1970	Spanning Tree Topology Change Initiated: 0, Interface: 1/0/27
21 Jan  1 01:00:54 1970	Spanning Tree Topology Change: 0, Unit: 1
22 Jan  1 01:00:54 1970	Spanning Tree Topology Change Received: MSTID: 0 1/0/27

TechSupportSwitch2V12.0.2.12.txt

```
23 Jan 1 01:00:54 1970 Unit 1 elected as the new STP root
24 Jan 1 01:00:48 1970 Link Up: 1/0/27
25 Jan 1 01:00:48 1970 Link Down: 1/0/27
26 Jan 1 01:00:48 1970 Link Up: 1/0/23
27 Jan 1 01:00:48 1970 Link Up: 1/0/24
28 Jan 1 01:00:48 1970 Link Up: 1/0/22
29 Jan 1 01:00:48 1970 Link Up: 1/0/21
30 Jan 1 01:00:47 1970 Entity Database: Configuration Changed
31 Jan 1 01:00:47 1970 Spanning Tree Topology Change Received: MSTID: 0
1/0/27
32 Jan 1 01:00:45 1970 Spanning Tree Topology Change Received: MSTID: 0
1/0/27
33 Jan 1 01:00:45 1970 Link Up: 1/0/2
34 Jan 1 01:00:45 1970 Link Up: 1/0/1
35 Jan 1 01:00:43 1970 Link Up: vlan 1
36 Jan 1 01:00:43 1970 Spanning Tree Topology Change Received: MSTID: 0
1/0/27
37 Jan 1 01:00:43 1970 Spanning Tree Topology Change Initiated: 0,
Interface: 1/0/27
38 Jan 1 01:00:43 1970 Spanning Tree Topology Change: 0, Unit: 1
39 Jan 1 01:00:43 1970 PoE: 1/0/24 power up
40 Jan 1 01:00:43 1970 Link Up: 1/0/27
41 Jan 1 01:00:43 1970 Power On Start has completed on unit 1.
42 Jan 1 01:00:43 1970 PoE: 1/0/23 power up
43 Jan 1 01:00:43 1970 PoE: 1/0/22 power up
44 Jan 1 01:00:43 1970 PoE: 1/0/21 power up
45 Jan 1 00:00:40 1970 Link Down: vlan 1
```

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

LLDP Remote Device Summary

Local Interface	RemID	Chassis ID	Port ID	System Name
1/0/1				
1/0/2				
1/0/3				
1/0/4				
1/0/5				
1/0/6				
1/0/7				
1/0/8				
1/0/9				
1/0/10				
1/0/11				
1/0/12				
1/0/13				

TechSupportSwitch2V12.0.2.12.txt

1/0/14  
1/0/15  
1/0/16  
1/0/17  
1/0/18  
1/0/19  
1/0/20  
1/0/21  
1/0/22  
1/0/23  
1/0/24  
1/0/25  
1/0/26  
1/0/27  
1/0/28

\*\*\*\*\* show isdp neighbors \*\*\*\*\*

Capability Codes: R - Router, T - Trans Bridge, B - Source Route Bridge,  
S - Switch, H - Host, I - IGMP, r - Repeater

Device ID	Intf	Holdtime	Capability	Platform	Port ID
-----	-----	-----	-----	-----	-----
2ER4445XF003D	1/0/27	171	R	XSM7224S	1/0/17

\*\*\*\*\* show link state group \*\*\*\*\*

GroupId	Downstream Interfaces	Upstream Interfaces	Link Action
Group State			
-----	-----	-----	-----
-----			

No groups configured.

\*\*\*\*\* show running-config \*\*\*\*\*

!Current Configuration:  
!  
!System Description "M4300-28G-PoE+ ProSAFE 24-port 1G PoE+ and 2-port 10GBASE-T  
and 2-port 10G SFP+, 12.0.2.12, 1.0.0.8"  
!System Software Version "12.0.2.12"  
!System Up Time "0 days 0 hrs 2 mins 34 secs"  
!Additional Packages QOS,Multicast,IPv6,IPv6 Management,Stacking,Routing  
!Current SNTP Synchronized Time: Nov 27 08:05:21 2017 UTC  
!

```
vlan database
vlan 10,100
vlan name 10 "Direct Internet"
vlan name 100 "Standard Datenverkehr"
vlan routing 1 1
exit
configure
snmp server "82.197.164.46"
snmp server "81.94.123.17" 2
snmp server "217.147.208.1" 3
clock summer-time recurring EU offset 60
clock timezone 1 minutes 0 zone "CET"
stack
member 1 2
exit
ip name server
slot 1/0 2
set slot power 1/0
no set slot disable 1/0
username "" password level 15 encrypted
line console
serial timeout 15
exit
line telnet
exit
line ssh
exit
snmp-server sysname "
snmp-server location
snmp-server contact
!
interface 1/0/1
no poe
exit
interface 1/0/2
no poe
exit
interface 1/0/3
no poe
exit
interface 1/0/4
no poe
exit
interface 1/0/5
no poe
exit
interface 1/0/6
no poe
exit
interface 1/0/7
no poe
exit
```

```
interface 1/0/8
no poe
exit
interface 1/0/9
no poe
exit
interface 1/0/10
no poe
exit
interface 1/0/11
no poe
exit
interface 1/0/12
no poe
exit
interface 1/0/13
no poe
exit
interface 1/0/14
no poe
exit
interface 1/0/15
no poe
exit
interface 1/0/16
no poe
exit
interface 1/0/17
no poe
exit
interface 1/0/18
no poe
exit
interface 1/0/19
no poe
exit
interface 1/0/20
no poe
exit
interface 1/0/21
vlan participation include 10,100
vlan tagging 10,100
poe priority Medium
exit
interface 1/0/22
vlan participation include 10,100
vlan tagging 10,100
poe priority Medium
exit
interface 1/0/23
vlan participation include 10,100
vlan tagging 10,100
```



```
poe priority Medium
exit
interface 1/0/24
vlan participation include 10,100
vlan tagging 10,100
poe priority Medium
exit
interface 1/0/25
vlan participation include 10,100
vlan tagging 10,100
exit
interface 1/0/26
vlan participation include 10,100
vlan tagging 10,100
exit
interface 1/0/27
vlan participation include 10,100
vlan tagging 10,100
exit
interface 1/0/28
vlan participation include 10,100
vlan tagging 10,100
exit
interface vlan 1
routing
ip address dhcp
exit
router rip
exit
router ospf
exit
ipv6 router ospf
exit
exit
```

\*\*\*\*\* debug crash & kernel logs \*\*\*\*\*

```
***** Debug crashlog 0 unit 1 *****
Displaying FASTPATH Crash Dump 0
For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)
Crash Dump 0 is not found
```

```
***** Debug crashlog 1 unit 1 *****
Displaying FASTPATH Crash Dump 1
For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)
Crash Dump 1 is not found
```

TechSupportSwitch2V12.0.2.12.txt

\*\*\*\*\* Debug crashlog 2 unit 1 \*\*\*\*\*

Displaying FASTPATH Crash Dump 2

For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)

Crash Dump 2 is not found

\*\*\*\*\* Debug crashlog 3 unit 1 \*\*\*\*\*

Displaying FASTPATH Crash Dump 3

For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)

Crash Dump 3 is not found

\*\*\*\*\* Debug crashlog 4 unit 1 \*\*\*\*\*

Displaying FASTPATH Crash Dump 4

For kernel Crash Dump - osapiDebugCrashDumpDisplay(x,1)

Crash Dump 4 is not found

\*\*\*\*\* Debug crashlog kernel 0 unit 1 \*\*\*\*\*

\*\*\*\*\* Debug crashlog kernel 1 unit 1 \*\*\*\*\*

\*\*\*\*\* Debug crashlog kernel 2 unit 1 \*\*\*\*\*

\*\*\*\*\* Debug crashlog kernel 3 unit 1 \*\*\*\*\*

\*\*\*\*\* Debug crashlog kernel 4 unit 1 \*\*\*\*\*

\*\*\*\*\* Display stack-path information. \*\*\*\*\*

Switch 2 does not exist!

Switch 3 does not exist!

TechSupportSwitch2V12.0.2.12.txt

Switch 4 does not exist!

Switch 5 does not exist!

Switch 6 does not exist!

Switch 7 does not exist!

Switch 8 does not exist!