

# Pluribus Networks

## Log Messages for Netvisor<sup>®</sup> ONE

Version 6.1.1

July 2021



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## Glossary of Pluribus Networks' Netvisor ONE® and UNUM Terms

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To review the Glossary, refer to the online [document](#) here.



## Audit Log Messages

Version 6.1.1-6010118466

Identifier	Message	Code	Description	Severity
audit_drop	lost %[drops]d % [msgs]s	10001	Unable to deliver audit log(s) to nvlogd, so audit logs dropped	Warn
user_command	Command \"%[cmd] s\" result % [result]R	11001	Administrator has run a command	Info
command_err	Command \"%[cmd] s\" failed: %[err] m	11098	command failed in such a way that results can't be transmitted back to the client	Error
login	login	11099	user logged in	Info
logout	logout	11100	user logged out	Info
xact_command	Transaction command \"%[cmd] s\" result % [result]R	11101	Command run as a result of a transaction on a different node	Note
internal_command	Internal command \"%[cmd]s\" result %[result]R	11102	Command run by nvOSd	Info
login_failed	login failed: % [err]s	11103	user unable to login	Error
tacacs_sess_deny	%[tacacs_msg]s	11410	TACACS+ server denied session	Error
tacacs_sess_ok	%[tacacs_msg]s	11411	TACACS+ server authorized session	Info
tacacs_cli_cmd_deny	cmd=%[cmd]s % [tacacs_msg]s	11412	TACACS+ server denied command	Note
tacacs_cli_cmd_ok	cmd=%[cmd]s % [tacacs_msg]s	11413	TACACS+ server allowed command	Info
user_account_locked	user account locked : %[err]s	11531	user login attempts failed	Error
sftp_pw_updated	sftp password updated : % [length]s	11532	sftp password updated	Note
sftp_pw_length_failed	sftp password length mismatch : %[length]s	11533	sftp password length mismatch	Error
sftp_login_success	sftp into Netvisor	11534	sftp into Netvisor is	Note

	is successful		successful	
sftp_login_failed	sftp into Netvisor is failed	11535	sftp into Netvisor is failed	Note
user_account_unlocked : %[err]s	user_account_unlocked	11536	user login account unlocked	Info
login_min_pw_updated	login minimum password updated : %[length]s	11537	login minimum password updated	Note
user_account_locked_manual	user account locked : %[err]s	11538	user account locked by another user	Info
sftp_pw_length_failed	sftp password length mismatch : %[length]s	11533	sftp password length mismatch	Error
software_upgrade_denied	nvOS software upgrade denied : %[err]s	11541	software upgrade denied	Note
session_timeout	session timed out %[err]s	11542	session timed out	Note
xact_truncated_msg	\"%[cmd]s\"	11543	Truncated logs from xact_config.log	Info
audit_repeats	Last %[msgs]d message(s) repeated %[times]d time(s)	20004	compress repeated message	Note
mon_command_start	starting command \"%[cmd]s\"	30002	Monitor starting command	Info
mon_command_finished	finished command \"%[cmd]s\" result %[result]R	30003	Command run by nvOS_mon	Info
shell_command	Command \"%[cmd]s\" status %[status]s	33000	shell command	Info
vttysh_command	Command \"%[cmd]s\" result=%[result]d	33001	vttysh command	Info
tacacs_shell_cmd_denied	cmd=%[cmd]s %[tacacs_msg]s	33002	TACACS+ server denied shell command	Note
tacacs_shell_cmd_ok	cmd=%[cmd]s %[tacacs_msg]s	33003	TACACS+ server authorized shell command	Info
tacacs_vttysh_cmd_denied	cmd=%[cmd]s %[tacacs_msg]s	33004	TACACS+ server denied vttysh command	Note
tacacs_vttysh_cmd_ok	cmd=%[cmd]s %[tacacs_msg]s	33005	TACACS+ server authorized vttysh command	Info

it_happened	wow, it happened!	90000	something happened	Info
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## Event Log Messages

Version 6.1.1-6010118466

Identifier	Message	Code	Description	Type	vNET	Severity
event_drop	Lost <i>drops-idmsgs</i>	10000	Unable to deliver event(s) to nvlogd so events dropped.	System	N/A	Warn
port_up	Up	11002	A port is up.	Port	by-port	Info
port_down	Down	11003	A port is down.	Port	by-port	Note
conn_new	<i>src-mac macsrc-ip ip src-port port-iddst-mac macdst-ip ip dst-port port-idnew tcp connection</i>	11004	New TCP connection	TCP	by-vxlan by-vlan by-port	Info
conn_done	<i>src-mac macsrc-ip ip src-port port-iddst-mac macdst-ip ip dst-port port-idbytes-sent bytes bytes-received bytesnew tcp connection</i>	11005	TCP Connection finished.	TCP	by-vxlan by-vlan by-port	Info
ptp_time_adjust	Adjusting time by <i>offset</i>	11010	PTP slave adjusting switch clock.	PTP		Info
ptp_frequency_adjust	Adjusting clock frequency <i>adjusting</i>	11011	PTP slave adjusting switch frequency	PTP		Info
mac_ip_add	MAC/IP address added <i>mac=macip=I</i>	11022	Detected a new MAC address and IP address on a port.	Port	by-vxlan by-vlan by-port	Note
mac_ip_change	IP address change	11023	IP Address for a MAC address	Port	by-vxlan by-vlan by-port	Note

	mac=macip=ip		changed on a port.			
stp_port_online	STP PORT Online: port-id	11024	Port added for STP consideration in response to port up event.	STP		Info
stp_port_offline	STP PORT Online: port-id	11025	Port deleted for STP consideration in response to port down event.	STP		Note
stp_port_state	port changed stp state	11026	The port changed the STP state	Port		Info
stp_port_fast	STP Port Fast: port-id	11027	The given STP port will operate in port fast mode.	STP		Note
stp_destroy	STP Destroying Spanning Tree: vlan-id	11032	STP destroying a spanning tree that was operating for a VLAN.	STP		Note
stp_blacklist_recv	Received STP BPDU on blacklisted port: port=port-idvlan=vlan-id	11033	Received an STP BPDU on a blacklisted port.	STP		Note
stp_invalid_bpdu	STP BPDU invalid: port=port-idvlan=vlan-id reason=reason	11034	Received STP BPDU is invalid.	STP		Warn
stp_processing_bpdu	STP Processing: port=port-idvlan=vlan-id proto=proto len=length	11035	Processing valid STP or PVST BPDU.	STP		Info
stp-unknown_bpdu	STP Unknown BPDU: port=port-	11036	Received unknown BPDU type.	STP		Warn

	<i>id</i> vlan= <i>vlan-id</i> bpd type= <i>type-id</i>					
stp_maximum_age	STP BPDU has reached maximum age: port= <i>port-id</i> vlan= <i>vlan-id</i>	11037	BPDU has reached maximum age.	STP		Note
stp_root	STP Port is Root: port= <i>port-id</i> vlan= <i>vlan-id</i>	11038	The port has been selected as the root of spanning tree.	STP		Note
stp_designated	STP Port is Designated: port= <i>port-id</i> vlan= <i>vlan-id</i>	11039	The port has been become the designated port.	STP		Info
stp_sending_bpdu	STP Sending BPDU: bpdu= <i>bpdu</i> port= <i>port-id</i> vlan= <i>vlan-id</i>	11040	The port has become designated port.	STP		Info
stp_trunk_update	STP Trunk Update: trunk= <i>trunk-id</i> port= <i>port-id</i>	11042	The loading and application of STP configuration failed.	STP		Info
stp_done	STP STG Done: vlan= <i>vlan-id</i>	11043	STP state machine for the specified VLAN is being shutdown.	STP		Info
stp_create	STP STG Create: vlan= <i>vlan-id</i> mac= <i>mac</i>	11044	STP is creating a STP state machine for the VLAN.	STP		Info
igmp_add_router	IGMP Adding Router to Group: group= <i>group</i>	11056	IGMP snooping adding router to the specified group.	IGMP		Info
igmp_switch_multicast_port_add	IGMP Port Add Failed: port= <i>port-id</i> group= <i>group-id</i> vlan= <i>vlan-id</i>	11057	IGMP snooping unable to add port to group.	IGMP		Note

igmp_switch_multicast_port_remove	IGMP Port Remove Failed: port=port-id group=group-id vlan=vlan-id	11058	IGMP snooping unable to remove port from group.	IGMP		Note
igmp_host_added	IGMP Added Host to Group: port=port-id vlan=vlan-id group=group-id server=servers	11059	IGMP snooping added host to group.	IGMP		Info
igmp_host_remove	IGMP Removed Host from Group: port=port-id vlan=vlan-id group=group-id server=servers	11060	IGMP removed host from group.	IGMP		Info
igmp_v1_report	IGMP Does Not Process V1 Report: port=port-id vlan=vlan-id	11061	IGMP does not process version 1 IGMP packets.	IGMP		Note
igmp_v2	IGMP Processing V2 Packet: port=port-id vlan=vlan-id group=group-id server=servers type=type	11062	IGMP snooping processed a IGMP v2 report or leave messages.	IGMP		Info
igmp_v3_record	IGMP Processing V3 Record: port=port-id vlan=vlan-id group=group-id	11063	IGMP snooping processing V3 record.	IGMP		Info

	server=serve rs type=type					
igmp_v3_report	IGMP Processing V3 Report: port=port- idvlan=vlan- id server=serve rs numrec=type	11064	IGMP snooping processing V3 Report	IGMP		Info
igmp_add_update_ globalmc	IGMP Add/Update globalmc: port=port- idvlan=vlan- id	11065	IGMP snooping adding or updating globalmc for port and VLAN.	IGMP		Info
igmp_remove_ globalmc	IGMP Removing globalmc: port=port- idvlan=vlan- id	11066	IGMP snooping removing globalmc for port and VLAN.	IGMP		Info
igmp_drop_packet	IGMP dropping packet: port=port- idvlan=vlan- id reason=reaso n	11067	IGMP snooping is dropping a packet.	IGMP		Note
igmp_ignore_ packet	IGMP Ignoring packet: port=port- idvlan=vlan- id igmp- type=type	11068	IGMP is ignoring received IGMP packet.	IGMP		Note
igmp_group_add	IGMP Adding Group: vlan=vlan-id group=group	11069	IGMP snooping added a group to the switch hardware.	IGMP		Info
igmp_group_remove	IGMP Removing Group: vlan=vlan-id group=group	11070	IGMP snooping removed a group from the switch hardware.	IGMP		Info
lldp_agent_create	LLDP Agent Create: mac=	11078	Creating LLDP agent for	LLDP		Info

	<i>mac group=I</i>		specified group on specified switch.			
lldp_port_enable	LLDP Port Enable: <i>port=port-id</i>	11082	Specified port has been enabled for LLDP operation.	LLDP		Info
lldp_port_disable	LLDP Port Disable: <i>port=port-id</i>	11083	Specified port has been removed from LLDP operation.	LLDP		Note
lldp_pdu_drop	LLDP PDU Drop	11084	LLDP PDU received on port has been dropped.	LLDP		Note
lldp_pdu_invalid	LLDP PDU Invalid: <i>port=port-id</i> <i>reason=reason</i>	11085	LLDP PDU received on port was invalid.	LLDP		Warn
lldp_processing_pdu	LLDP Processing: <i>port=port-id</i> <i>vlan=vlan-id</i>	11086	LLDP is processing a received PDU	LLDP		Info
lldp_tlv_construct_failed	LLDP TLV Construct Failed: <i>port=port-id</i> <i>reason=reason</i>	11087	LLDP cannot construct a proper TLV for the PDU.	LLDP		Warn
evb_processing_tlv	EVB Processing EVB TLV: <i>port=port-id</i>	11088	EVB TLV processing on a specific port.	EVB		Info
evb_tlv_drop	EVB TLV Drop: <i>port=port-id</i> <i>reason=reason</i>	11091	A received EVB TLV was dropped.	EVB		Warn
ecp_send_packet_failed	ECP Send PDU Failed: <i>port=port-id</i> <i>reason=reason</i>	11092	Unable to send EVB PDU on specified port.	ECP		Warn
ecp_send_packet	ECP Send PDU:	11093	Sent ECP PDU on specified	ECP		Info

	port= <i>port-id</i> type= <i>type</i>		port.			
ecp_pdu_drop	ECP Drop PDU: port= <i>port-id</i> type= <i>type</i>	11094	Received ECP PDU was dropped on specified port.	ECP		Warn
evb_bandwidth_limit_failed	EVB Bandwidth Limit Failure: port= <i>port-id</i> vlan= <i>vlan-id</i> reason= <i>reason</i>	11096	Unable to enforce requested bandwidth limit.	EVB		Warn
evb_bandwidth_limit	EVB Bandwidth Limit: port= <i>port-id</i> vlan= <i>vlan-id</i> flow= <i>flow</i> bw= <i>bw</i>	11097	Enforcing requested bandwidth limit.	EVB		Info
stp_trunk_port	STP Trunk Port: port= <i>port-id</i> vlan= <i>vlan-id</i> tree= <i>tree-id</i> trunk= <i>trunk</i> control= <i>control-id</i>	11104	Specified port is part of a trunk for this Spanning Tree.	STP		Info
stp_trunk_remove	STP Trunk Remove: trunk= <i>trunk</i> vlan= <i>vlan-id</i> tree= <i>tree-id</i>	11105	Specified port is being removed from STP trunk configuration.	STP		Info
adj_trunk_create	ADJ Create Auto Trunk: trunk= <i>trunk</i> port= <i>port-id</i>	11106	Created a trunk in adjacency code.	Port		Info
adj_trunk_port_add	ADJ Trunk Port Add: trunk= <i>trunk</i> port= <i>port-id</i>	11107	Added the specified port to the trunk.	Port		Info
storage_device_remove	Storage device removed	11108	Storage device removed from switch.	Storage		Note
storage_device_added	Storage device added	11109	Storage device added from switch.	Storage		Note

storage_pool_status_notok	Storage pool poolname in statusstate available disk space=space	11110	Storage pool status is not ok.	Storage		Warn
igmp_add_host_failed	IGMP Add Host Failed: vlan=%[vlan] d group=%[group]s host=%[host]s	11112	IGMP snooping add host failed.	IGMP		Warn
igmp_add_sources_failed	IGMP Sources Add Failed: vlan=%[vlan] d group=%[group]s host=%[host]s	11113	IGMP snooping sources add failed for a given host	IGMP		Warn
igmp_remove_host_failed	IGMP Remove Host Failed: vlan=%[vlan] d group=%[group]s host=%[host]s	11114	IGMP snooping remove host failed.	IGMP		Warn
igmp_remove_sources_failed	IGMP Sources Remove Failed: vlan=%[vlan] d group=%[group]s host=%[host]s	11115	IGMP snooping removal of sources failed	IGMP		Warn
stp_hello_time	STP Hello Time Change: vlan=%[vlan] d time=%[time]d	11116	STP hello time change for STP instance	STP		Info
stp_max_Age	STP Max Age Change: vlan=%[vlan] d time=%[time]d	11117	Max age time change for STP instance	Max age time change for STP instance		Max age time change for STP instance
stp_forward_delay	STP Forwarding Delay Change: vlan=%[vlan] d time=%[time]d	11118	Forwarding delay changed for STP instance.	STP		Info



stp_hello_timer_expired	STP Hello Timer Expired: vlan=%[vlan] d	11119	Hello timer expired for STP instance	STP		Info
stp_bridge_id_change	STP Bridge ID Change: vlan=%[vlan] d id=%[id] llx	11120	New bridge ID for STP instance	STP		Info
stp_tcn_bpdu	STP TCN bpdu processing: vlan=%[vlan] d port=% [port]d	11121	Processing TCN BPDU for STP instance	STP		Info
stp_configuration_bpdu	STP Configuration BPDUs: vlan=%[vlan] d port=% [port]d isroot=% [isroot]d	11122	Processing configuration BPDU for instance	STP		Info
stp_supersedes_port_info	STP Supersedes Port Info: vlan=%[vlan] d port=% [port]d	11123	Config BPDU indicates possible change in STP topology	STP		Info
stp_root_port_select	STP Root Port Select: vlan=%[vlan] d port=% [port]d	11124	Root port selection for STP topology	STP		Info
tacacs_invalid_server	Invalid server=server(s): error	11126	Server name can't be resolved via DNS or an invalid IP address was used.	TACACS		Warn
tacacs_connect_error	server=server(s): unable to connect: reason	11127	Unable to connect to TACACS+ server.	TACACS		Error
tacacs_shell_auth_req_failed	server=server(s) user=user(s) : Shell authorization request	11128	Shell authorization request to TACACS+ server failed	TACACS		Error

	<code>failed: reason</code>					
<code>tacacs_unkno wn_role</code>	<code>server=serve r(s) user=user(s) role=role(s) : unknown role</code>	11129	Unrecognized role in TACACS + shell authorization response.	TACACS		Warn
<code>tacacs_unkno wn_attr</code>	<code>server=serve r(s) user=user(s) req=req(s) attr=attribu te(s): unknown mandatory attribute</code>	11130	Received an unrecognized attribute.	TACACS		Error
<code>tacacs_user_ not_authorized</code>	<code>server=serve r(s) user=user(s) req=req(s) status=statu s: user not authorized</code>	11131	Authorization request returned bad status for a user.	TACACS		Error
<code>tacacs_ignor e_attr</code>	<code>server=serve r(s) user=user(s) req=req(s) attr=attribu te(s): ignoring unknown optional attribute</code>	11132	Ignoring an optional attribute.	TACACS		Note
<code>tacacs_cmd_a uthor_fail</code>	<code>server=serve r(s) user=user(s) : authorizatio n failed: reason(s)</code>	11133	Failed to authorize a command.	TACACS		Error
<code>tacacs_auth n_start_fail ed</code>	<code>server=serve r(s) user=user(s) : authenticati on started failed: result(s)</code>	11134	Authentication start failed.	TACACS		Error
<code>tacacs_auth</code>	<code>server=serve</code>	11135	Authentication	TACACS		Error

n_failed	r(s) user=user(s) status=status server_msg=msg: authentication failed.		failed.			
tacacs_acct_failed	server=server(s) req=req(s) user=user(s) : accounting failed: result(s)	11136	Accounting request failed.	TACACS		Error
tacacs_acct_bad_status	server=server(s) req=req(s) user=user(s) status=status: server_msg=msgresult(s)	11137	Bad status received in response to accounting request.	TACACS		Error
igmp_group_port_remove	IGMP Port Remove: vlan=%[vlan]d group=%[group]s port=%[port]d	11138	Switch port is removed from IGMP group	LACP		LACP
igmp_group_port_add	IGMP Port Add: vlan=%[vlan]d group=%[group]s port=%[port]d	11139	Switch port is added to IGMP group	LACP		Info
lacp_port_enable	LACP Port Enable: port=%[port]d	11150	Port is enabled for LACP PDU processing	LACP		Info
lacp_port_disable	LACP Port Disable: port=%[port]d	11151	Port Processing PDU is disabled on the port.	LACP		Info
lacp_disable	LACP Disabled	11152	LACP feature is disabled.	LACP		Note
lacp_enable	LACP Enabled	11153	LACP feature is enabled.	LACP		Note

lACP_port_mode	LACP Port Mode: port=%[port]d mode=%[mode]s	11154	LACP Port mode is set to OFF or PASSIVE or Active	LACP		Info
lACP_port_up	LACP Port Up: port=%[port]d	11155	LACP Port is up	LACP		Info
lACP_trunk_port_add	LACP Trunk Add Port: trunk=%[trunk]d port=%[port]d	11156	Adding Port to LACP trunk	LACP		Info
lACP_trunk_port_remove	LACP Trunk Remove Port: trunk=%[trunk]d port=%[port]d	11157	Remove port from LACP trunk	LACP		Info
lACP_port_expired	LACP Port Expired: port=%[port]d	11158	LACP port state has expired	LACP		Info
lACP_port_defaulted	LACP Port Defaulted: port=%[port]d	11159	LACP Port state is now default state	LACP		Info
lACP_port_no_sync	LACP Port No Sync: port=%[port]d	11160	LACP port state is not SYNC	LACP		Info
lACP_port_assert_ntt	LACP Port Assert NTT: port=%[port]d	11161	LACP has asserted NTT	LACP		Info
lACP_port_collecting	LACP Port Collecting: port=%[port]d state=%[state]s	11162	LACP Port State enable/disable collecting	LACP		Info
lACP_port_distributing	LACP Port Distributing: port=%[port]d state=%[state]s	11163	LACP Port State enable/disable distributing	LACP		Info
lACP_port_select	LACP Port Select: port=%[port]	11164	LACP Port is selected for aggregation	LACP		Info

	d lag=%[lag]s					
lACP_port_unselect	LACP Port Not Selected: port=%[port]d	11165	LACP Port is removed from aggregation.	LACP		Info
lACP_port_mux_state	LACP Port Mux State: port=%[port]d mux=%[mux]s	11166	LACP port is set to this mux state	LACP		Info
lACP_pdu	LACP PDU: port=%[port]d type=%[type]s	11167	LACP PDU is received on port	LACP		Info
lACP_trunk_not_found	LACP No Matching Trunk: trunk=%[trunk]d	11168	No matching trunk found for LACP while processing LACP state	LACP		Note
lACP_aggregator_addref	LACP LAG Add: lag=%[lag]s cur=%[cur]d new=%[new]d ports=%[ports]d	11169	A port is added to an LACP LAG for consideration.	LACP		Info
lACP_aggregator_delref	LACP LAG Delete: lag=%[lag]s cur=%[cur]d new=%[new]d ports=%[ports]d	11170	A port is removed from LACP LAG consideration	LACP		Info
lACP_pdu_fail	LACP PDU Failure: port=%[port]d failure=%[failure]s	11171	LACP PDU processing failure	LACP		Note
lACP_port_state	LACP Port State: port=%[port]d info=%[info]s state=%[state]s	11172	LACP port state	LACP		Info
lACP_xmit_marker_pdu	LACP Xmit Marker PDU: port=%[port]d rq=%[rq]d	11174	LACP sending Marker PDU on port	LACP		Info

	sysaddr=% [sysaddr]s xid=%[xid]d					
lacp_xmit_pdu	LACP Xmit PDU: port=% [port]d	11175	Send LACP PDU on port	LACP		Info
lacp_port_down	LACP Port Down: port=% [port]d	11176	LACP port is down	LACP		Note
tacacs_bad_scope	server=% [server]s user=%[user] s scope=% [scope]s: unrecognized scope. scope must be either \"local\" or \"fabric\"	11177	TACACS server returned something that is not a scope	TACACS		Warn
tacacs_scope_mismatch	server=% [server]s user=%[user] s scope=% [scope]s: server with local scope can only assign scope of local to its users	11178	TACACS server returned fabric scope but server is local	TACACS		Warn
storage_device_size_changed	Storage device % [device]s size changed from %[old] ld to %[new] ld	11179	Storage device size changed.	Storage		Note
stp_forwarding_delay_timer	STP Forward Delay Timer: port=%[port] d vlan=% [vlan]d	11182	Starting Forwarding Delay Timer on switch	STP		Info
stp_forwarding_delay_timer_expired	STP Forward Delay Timer Expired: port=%[port] d vlan=% [vlan]d	11183	Starting Forwarding Delay timer expired on switch	STP		Note
stp_vlan_port_add	STP VLAN port add:	11184	Add port to spanning tree	STP		Info

	port=%[port] d vlan=% [vlan]d		for vlan			
stp_vlan_port_remove	STP VLAN port remove: port=%[port] d vlan=% [vlan]d	11185	Remove port from spanning tree for VLAN	STP		Info
port_starting_up	Port Starting Up: port=%[port] d	11186	A port is starting to come up	STP		Info
stp_trunk_vlan_update	STP Trunk Vlan Update: trunk=% [trunk]d vlan=%[vlan] d	11187	Update trunk on STG for VLAN	STP		Info
adj_port_add	Adj Port Add: port=% [port]d	11188	Adding port for consideration for adjacency	STP		Info
adj_port_already	Adj Port Already: port=%[port] d	11189	Port already under consideration for adjacency	STP		Info
adj_considering_port	Adj Considering Port: port=% [port]d	11190	Considering adjacency for port	STP		Info
stp_bpdu_send_rejected	STP BPDU Send Rejected: port=%[port] d vlan=% [vlan]d reason=% [reason]s	11191	Send of BPDU on port rejected	STP		Note
lacp_port_sm_mux_timer	LACP SM Mux Timer: port= %[port]d info=%[info] s cur=%[cur] d new=%[new] d	11200	LACP SM Mux Timer for Port	STP		Info
lacp_port_sm_ptx_update_timeout	LACP SM PTX Update Timeout: port=%[port] d	11201	LACP Partner Timeout Change for Port	LACP		Info

lACP_l2_flush	LACP L2 Table Flush: port=%[port]d	11202	LACP L2 Table Flush for this port	LACP		Info
lACP_port_set_mux	LACP SM Mux Timer: port=%[port]d info=%[info]s cur=%[cur]d new=%[new]d	11203	LACP sets new state machine mux state on port	LACP		Info
lACP_port_marker	LACP SM PTX Update Timeout: port=%[port]d	11204	LACP Marker PDU received on Port	LACP		Info
lACP_port_marker_response	LACP Marker Response PDU: port=%[port]d	11205	LACP Marker Response PDU received on Port	LACP		Info
lACP_port_sm_tx_nogo	LACP SM TX NoGo: port=%[port]d reason=%[reason]s	11206	LACP PDU not sent on Port	LACP		Note
lACP_sm_ptx_timer	LACP PTX Port Timer: port=%[port]d	11207	LACP Port PTX Timer	LACP		Info
lACP_sm_rx	LACP SM RX: port=%[port]d reason=%[reason]s	11208	LACP Port PTX Timer	LACP		Note
stp_port_enable	STP Port Enable: port=%[port]d vlan=%[vlan]d action=%[action]s	11209	Port is enabled for STP Consideration and it had action	STP		Info
stp_port_block	STP Port Blocked: port=%[port]d	11212	Port is blocked by STP	STP		Note
stp_port_unlock	STP Port No Block: port=%[port]d	11213	Port is not blocked by STP	STP		Info
stp_port_disable	STP Port Disable:	11214	STP had disabled this	STP		Info



	port=%[port] d vlan=% [vlan]d		port			
vlag_active	VLAG Port Active: port=%[port] d	11300	VLAG port is now active	STP		Info
vlag_inactiv e	VLAG Port Inactive: port=%[port] d	11301	VLAG port is now inactive	LACP		Info
stp_trunk_po rt_event	STP Trunk Port Event: port=%[port] d trunk=% [trunk]d include=% [include]d	11306	STP Trunk Port Event on Port	STP		Info
port_startin g_down	STP Starting Port Down: port=%[port] d trunk=% [trunk]d flag=% [flags]	11307	Starting Port Down Handler	STP		Info
send_bpdu_fa ilure	STP BPDU Transmit Failed: port=%[port] d vlan=% [vlan]d	11308	STP was not enabled to send PVST.	STP		Note
mac_ip_denie d	mac/ip access denied: mac= %[mac]M ip=% [ip]I caller=% [caller]s	11309	Access denied for ip address/mac address/port	port	by-vxlan by- vlan by-port	Note
stp_edge_por t	STP Edge Port: port=% [port]d oper=% [value]s	11310	The given stp port will operate in edge port mode	STP		Info
stp_edge_del ay_timer_exp ired	STP Edge Delay Timer Expired: port=%[port] d vlan=% [vlan]d	11311	Edge delay timer expired for STP instance.	STP		Note
stp_migratio	STP	11312	Migration delay	STP		Note

n_delay_timer_expired	Migration Delay Timer Expired: port=%[port] d vlan=%[vlan]d		timer expired for STP instance.			
stp_recent_backup_timer_expired	STP Recent Backup Timer Expired: port=%[port] d vlan=%[vlan]d	11313	Recent backup timer expired for STP instance.	STP		Note
stp_rcvd_info_timer_expired	STP Received Info Timer Expired: port=%[port] d vlan=%[vlan]d	11314	Received info timer expired for STP instance.	STP		Note
stp_recent_root_timer_expired	STP Recent Root Timer Expired: port=%[port] d vlan=%[vlan]d	11315	Recent root timer expired for STP instance.	STP		Note
stp_topology_change_timer_expired	STP Topology Change Timer Expired: port=%[port] d vlan=%[vlan]d	11316	Topology change timer expired for STP instance.	STP		Note
stp_forward_delay_timer_expired	STP Forward Delay Timer Expired: port=%[port] d vlan=%[vlan]d	11317	Forward delay timer expired for STP instance.	STP		Note
status_rcv_vport_delete_config	Received status delete message for user configured mac=%[mac]M vlan=%[vlan] d vxlan=%[vxlan]d from node=%[sender]x	11318	Received status delete message for user-configured vport.	port		Info
stp_invalid_bridge_priority	STP invalid Bridge Priority Received:	11320	Received stp bridge priority is invalid.	STP		Note

	port=%[port] d vlan=% [vlan] priority=% [priority]d					
stp_bpdu_guar d_activated	STP BPDU Guard Activated: port=%[port] d vlan=% [vlan]d	11321	BPDU guard activated on port	STP		Info
stp_invalid_ port_cost	STP Port Cost Invalid: port=%[port] d vlan=% [vlan]d cost=%[cost] d	11322	STP port cost assigned is invalid.	STP		Note
lacp_timer_s tatus	LACP Port Time Status: %[port]d % [status]s	11323	Port LACP timer status.	STP		Info
mld_v1	MLD Processing V1 Packet: port=%[port] d vlan=% [vlan]d group=% [group]s server=% [server]s type=%[type] s	11331	MLD snooping processed MLD report or leave messages	MLD		Info
mld_v2	MLD Processing V2 Packet: port=%[port] d vlan=% [vlan]d group=% [group]s server=% [server]s type=%[type] s	11332	MLD snooping processed MLD report or leave messages.	MLD		Info
mld_v2_recor d	MLD V2 Record: port=%[port] d vlan=% [vlan]d group=%	11333	MLD snooping is processing a V2 record.	MLD		Info

	[group]s server=% [server]s type=%[type] s					
mld_add_sour ces_failed	MLD Sources Add Failed: vlan=%[vlan] d group=% [group]s host=%[host] s	11334	MLD snooping sources add failed for a given host.	MLD		Note
mld_add_host _failed	MLD Add Host Failed: vlan=%[vlan] d group=% [group]s host=%[host] s	11335	MLD snooping add host failed.	MLD		Note
mld_remove_h ost_failed	MLD Remove Host Failed: vlan=%[vlan] d group=% [group]s host=%[host] s	11336	MLD snooping remove host failed.	MLD		Note
mld_remove_s ources_faile d	MLD Sources Remove Failed: vlan=%[vlan] d group=% [group]s host=%[host] s	11337	MLD snooping removal of sources failed	MLD		Note
mld_v2_repor t	MLD V2 Report: port=%[port] d vlan=% [vlan]d server=% [server]s numrec=% [type]d	11338	MLD snooping is processing a V2 report.	MLD		Info
mld_drop_pac ket	MLD dropping packet: port=%[port] d vlan=% [vlan]d igmp-type=% [type]x	11339	MLD snooping is dropped a packet	MLD		Note
mld_ignore_p acket	MLD ignoring packet: port=%[port]	11340	MLD snooping is ignoring received MLD	MLD		Note

	d vlan=% [vlan]d igmp-type=% [type]x		packet			
mroute_init	MROUTE init: vrouter=% [vrouter]s	11347	mrouter initialize - PIM multicast router has started	mroute		Info
mroute_done	MROUTE done: vrouter=% [vrouter]s	11348	mrouter done - pim multicast router has stopped.	mroute		Info
mroute_add_vif	MROUTE Adding Interface: vrouter=% [vrouter]s vif=%[vif]s linkaddr=% [linkaddr]s index=% [index]d flags=% [flags]x	11349	mrouter is adding a VIF (virtual interface) interface.	mroute		Info
mroute_update_vif	MROUTE Updating Interface: vrouter=% [vrouter]s vif=%[vif]s linkaddr=% [linkaddr]s index=% [index]d flags=% [flags]x	11350	mrouter is updating VIF interface.	mroute		Info
mroute_delete_vif	MROUTE Delete Interface: vrouter=% [vrouter]s vif=%[vif]s index=% [index]d	11351	mrouter deletes VIF interface	mroute		Info
mroute_flush_vif	MROUTE Interface Flush Cache Entry: vrouter=% [vrouter]s interface=% [interface]s	11352	mrouter flushing multicast cache entries associated with interface.	mroute		Info

mroute_delete_mfc	MROUTE Deleting Cache Entry: vrouters= [vrouters] source= [source] group= [group] iif= [iif]	11353	mrouter deleting multicast cache entry.	mroute		Info
mroute_flush_vif	MROUTE Interface Flush Cache Entry: vrouters= [vrouters] interface= [interface]	11354	mrouter flushing multicast cache entries associated with interface.	mroute		Info
mroute_flush_mfc	MROUTE All Flush Cache Entry: vrouters= [vrouters]	11355	mrouter flushing all multicast cache entries.	mroute		Info
mroute_sg_count	MROUTE SG Count: vrouters= [vrouters] source= [source] group= [group] vlan= [vlan] d iif= [iif] s active= [active]	11356	mrouter get status for forwarding cache entry.	mroute		Info
mroute_mrten try_add	MROUTE MRTEEntry Add: vrouters= [vrouters] source= [source] group= [group] iif= [iif] oifs= [oifs] x upstream= [upstream] flags= [flags]	11357	mrouter adding either S,G or *,G multicast routing entry.	mroute		Info
mroute_mrten try_delete	MROUTE MRTEEntry Delete: vrouters= [vrouters]	11358	mrouter deleting either S,G or *,G multicast	mroute		Info

	[vrouter]s source=% [source]s group=% [group]s		routing entry.			
mroute_mrten try_update	MROUTE MRTEEntry Update: vrouter=% [vrouter]s source=% [source]s group=% [group]s iif=%[iif]d oifs=%[oifs] x upstream=% [upstream]s flags=% [flags]x	11359	mrouter updating either S,G or *,G multicast routing entry.	mroute		Info
mroute_mrten try_flush	MROUTE MRTEEntry Flush: vrouter=% [vrouter]s	11360	mrouter flushing all multicast routes.	mroute		Info
mroute_pim_n ighbor_add	MROUTE PIM Neighbor Add: vrouter=% [vrouter]s local=% [local]s neighbor=% [neighbor]s	11361	mrouter adding pim neighbor.	mroute		Info
mroute_pim_n ighbor_dele te	MROUTE PIM Neighbor Delete: vrouter=% [vrouter]s local=% [local]s neighbor=% [neighbor]s	11362	mrouter deleting pim neighbor.	mroute		Info
mroute_igmp_ group_add	MROUTE IGMP Group Add: vrouter=% [vrouter]s vif=%[vif]s group=% [group]s	11363	mrouter adding IGMP group on interface.	mroute		Info
mroute_igmp_ group_delete	MROUTE IGMP Group Delete:	11364	mrouter deleting IGMP group on	mroute		Info

	vrouter=% [vrouter]s vif=%[vif]s group=% [group]s		interface.			
mroute_rp_route_update	MROUTE RP Route Update: vrouter=% [vrouter]s iif=%[iif]s	11365	mrouter updating route to RP - route is via iif.	mroute		Info
l2_modify	l2 entry changed: caller=% [caller]s reason=% [reason]s mac=%[mac]M vnet=%[vnet] s vlan=% [vlan]d vxlan=% [vxlan]d % [changes]s	11372	layer 2 (mac) entry changed	vport		Info
l2_delete	l2 entry deleted: caller=% [caller]s reason=% [reason]s mac=%[mac]M vlan=%[vlan] d vxlan=% [vxlan]d	11373	layer 2 (mac) entry deleted	vport		Info
l3_modify	l3 entry changed: caller=% [caller]s reason=% [reason]s ip=%[ip]I vlan=%[vlan] d vxlan=% [vxlan]d % [changes]s	11374	layer 3 (ip) entry changed	vport		Info
l3_delete	l3 entry deleted: caller=% [caller]s reason=% [reason]s ip=%[ip]I vlan=%[vlan] d vxlan=%	11375	layer 3 (ip) entry deleted			Info



	[vxlan]d					
stp_mst_port_state	STP Port State Change: port=%[port] d instance=% [instance]d: [%old_state] s -> % [state]s	11383	port changed stp state	port		Info
stp_port_modified	STP port modified	11394	STP port has been modified	port		Info
tacacs_missing_role	server=% [server]s user=%[user] s: No role or priv-lvl in authorizatio n response	11417	role missing from TACACS+ shell authorization response	tacacs		Warn
hog_host_violation	hog protection triggered, moving host mac=%[mac]M vlan=%[vlan] d vxlan=% [vxlan]d port=%[port] d from-cpu- queue=% [from_queue] s to-cpu- queue=% [to_queue]	11418	host end-point using too much bandwidth in cpu queue, moved to hog queue	system		Note
hog_host_clear	cpu hog protection cleared, restoring host mac=% [mac]M vlan= [%vlan]d vxlan=% [vxlan]d port=%[port] d from-cpu- queue=% [from_queue] s to-cpu- queue=% [to_queue]s	11419	host end-point no longer using too much bandwidth in cpu queue, moved back to original queue	system		Note
hog_port_violation	more than max=%[max]d	11420	Too many hog hosts on a port,	system		Note

	hog hosts on port=%[port]d, redirecting all hosts from-cpu-queue=%[from_queue]s to-cpu-queue=%[to_queue]s		moving all hosts from port to hog queue			
hog_port_clear	cpu hog protection cleared, restoring port=%[port]d from-cpu-queue=%[from_queue]s to-cpu-queue=%[to_queue]s	11421	No longer too much bandwidth used on port, moved back to original queue	system		Info
err_disabled_recovery	Err-Disabled port has recovered: port=%[port]d.	11425	err-disabled port has recovered post timeout	port		Note
mac_exceeded_log	Number of MACs on port have been exceeded for port=%[port]d	11426	Number of MACs on port have been exceeded	port		Note
mac_exceeded_drop	Number of MACs on port have been exceeded for port=%[port]d, packet dropped	11427	Number of MACs on port have been exceeded, packet dropped	port		Note
mac_exceeded_disable	Number of MACs on port have been exceeded for port=%[port]d, port disabled	11428	Number of MACs on port have been exceeded, port disabled	port		Warn
stp_root_guard_blocked	STP Root Guard Activated: port=%[port]d tried to become non-	11429	root guard activated on port, moved to root inconsistent state (listening)	STP		Note

	designated, moved to root inconsistent state (listening)					
stp_root_guard_unblocked	STP Root Guard unblocked: port=%[port]d restored, moving out of root inconsistent state	11430	root guard unblocked on port, moving out of root inconsistent state	STP		Note
lacp_port_event_up	Port LACP Up for port=%[port]d	11500	LACP port is up	lacp-port-event		Info
lacp_port_event_down	Port LACP Down for port=%[port]d	11501	LACP port is down	lacp-port-event		Note
lacp_port_event_expired	Port LACP Expired for port=%[port]d	11502	LACP port is expired	lacp-port-event		Note
lacp_port_event_defaulted	Port LACP Defaulted for port=%[port]d	11503	LACP port is defaulted	lacp-port-event		Note
stp_root_guard_bpdu_timer_expired	STP Root Guard BPDU Timer Expired: port=%[port]d vlan=%[vlan]d	11506	root guard BPDU timer expired for STP instance.	STP		Note
lacp_port_event_rx	Port LACP PDU received for port=%[port]d	11507	LACP port received PDU	STP		Info
lacp_port_event_tx	Port LACP PDU transmit for port=%[port]d	11508	LACP port transmit PDU	lacp-port-event		Info
port_defaulted	Port=%[port]d has LACP defaulted	11509	A port has LACP defaulted	port		Note
port_expired	Port=%[port]d	11510	A port has	port		Note

	d has LACP expired		LACP expired			
certificate_expiring	%[cert]s certificate expiring in %[days]d days	11511	Show how many days left for certificate expiry	port		Note
certificate_expired	%[cert]s certificate expired	11512	Display the expired certificate	system		Warn
systemup_alert	System is up for service	11513	Display the system status for service	System		Note
cluster_transaction_diverge	cluster transactions are diverged in cluster: % [cluster_id] d	11521	Cluster transactions have diverged from fabric	System		Warn
stp_oper_edge_not_sending_bpdu	STP Operational Edge port, not sending BPDU: port=% [port]d	11544	avoid sending STP bpdu on operational edge port	STP		Info
btrfs_raid_missing_disk	Disk missing in BTRFS raid. Please contact TAC immediately.	11545	Disk missing in BTRFS raid	System		Note
btrfs_errors	BTRFS errors detected, btrfs scrub may be required.	11546	BTRFS errors detected, btrfs scrub may be required.	System		Note
rfnic_down	Rear-Facing NIC port=% [port]d is DOWN.	11547	Rear-Facing NIC towards CPU going down	Port		Note
rfnic_up	Rear-facing NIC port=% [port]d is UP.	11548	Rear-facing NIC towards CPU coming up	Port		Note
event_repeats	Last %[msgs]d messages repeated % time[times]d time(s)	20003	Compress repeated message	System	N/A	Note

fanmon_change_speed	Current temperature is %[temp]d C, changing fans to speed %[speed]d RPM	31006	fan monitor changing system fan speeds	System		Info
ipsla_unreachable	%[name]s: %[msg]s - %[route_info]s	31013	IPSLA: linktrack ip is unreachable	System		Note
ipsla_reachable	%[name]s: %[msg]s - %[route_info]s	31014	IPSLA: linktrack ip is reachable	System		Info

## System Log Messages

Version 6.1.1-6010118466

Identifier	Message	Code	Description	Severity
system_drop	Lost <i>drops-id</i> msgs	10002	Unable to deliver system log(s) to nvlogd so system logs dropped.	Warn
update_find_server_failed	Failed to contact update server.	11006	Failed to find update server.	Warn
update_wrong_redirect	Unexpected redirect <i>url(s)</i> from update server.	11007	Got an unexpected redirect from HTTP update server lookup.	Warn
nvOSd_start	nvOSd start: version= <i>version(s)</i> changeset= <i>changeset(s)</i> branch= <i>branch(s)</i>	11008	nvOSd startup	Note
pkt_alloc_failed	<i>feature(s)</i> failed to allocate a send buffer.	11009	Failed to allocate a packet for sending from the CPU	Warn
syscall_failed_Critical	<i>feature(s)</i> : <i>syscall(s)</i> failed: <i>error</i>	11012	A system call failed.	Critical
restart_nvOSd	Restarting <i>exe(s)</i>	11013	Restarting nvOSd.	Note
restart_nvOSd_failed	Failed to restart <i>exe(s)</i> : <i>error-msgs</i>	11014	Failed to restart nvOSd	Critical
nvOSd_init_failed	nvOSd failed to start: <i>feature(s)</i> : <i>error-msgs</i>	11015	nvOSd was unable to start.	Critical
loop_detected	LOOP: <i>mac(s)</i> <i>vlan(s)</i> was on <i>port_type(s)</i> <i>old_port-id</i> <i>((ip(s))</i> ), now <i>new_port-id</i> <i>((new_ip(s))</i>	11016	Detected an L2 loop.	Note
mac_moved	MOVING MAC <i>mac(s)</i> , from <i>old_port_type(s)</i> <i>old_port-id</i> <i>(old_ip(s))</i> <i>new_port_type(s)</i>	11017	MAC moved from one port to another.	Note

	<i>new_port-id</i> ( <i>new_ip(s)</i> )			
simulator_mode	Failed to init switch hardware.	11018	Simulator mode entered but not from command line.	Critical
fabric_joined	Joined fabric <i>fabname(s)</i> .	11019	Switch joined a fabric.	Note
fabric_unjoined	Unjoined fabric <i>fabname(s)</i>	11020	Switch un-joined a fabric.	Note
config_imported	Imported configuration from <i>file(s)</i> .	11021	Imported a new configuration.	Note
stp_switch_enable_failed	STP failed to initialize for switch hardware.	11028	STP initialization for underlying hardware switch failed.	Critical
stp_default_spanning_tree_failed	STP Failed to Create Default Spanning Tree: <i>vlan= vlan-id</i>	11029	Unable to create the Spanning Tree for default VLAN.	Critical
stp_flow	STP Failed to install flow(s) for BPDU reception: <i>flow(s)</i>	11030	Unable to install STP flow(s) for the reception of STP packets.	Critical
stp_worker_thread_failed	STP failed to create worker thread: <i>vlan=vlan-id</i>	11031	STP was unable to create worker thread for Spanning Tree.	Critical
stp_config_failed	Loading and application STP configuration failed.	11041	The loading and application of STP configuration failed.	Warn
stp_switch_port_state	STP Port Failure: <i>port=port</i> <i>vlan=vlan-id</i> <i>trunk=trunk-id</i>	11045	Unable to set the port state for the port on the VLAN.	Critical
stp_trunk_port_state	STP Set Port State: <i>port vlan trunk</i>	11046	Invalid trunk in use by the spanning tree	Warn
igmp_switch_init	IGMP snooping unable to initialize switch hardware for groups.	11047	igmp was unable to initialize switch hardware for the group.	Critical
igmp_flow_add	IGMP snooping unable to add flow	11048	igmp was unable to add a flow for IGMP	Warn

	<i>flow(s)</i> .		packet processing.	
igmp_flow_remove	IGMP snooping not able to remove flow <i>flow(s)</i> .	11049	IGMP snooping unable to remove flow for IGMP processing.	Warn
igmp_query_start	IGMP snooping unable to start query state machine.	11050	IGMP snooping unable to start query state machine.	Warn
igmp_query_stop	IGMP snooping unable to stop query state machine.	11051	IGMP snooping unable to stop query state machine.	Warn
igmp_switch_fini	IGMP snooping unable to halt switch hardware for groups.	11052	IGMP snooping unable to halt switch hardware for groups.	Warn
igmp_static_load	IGMP snooping unable to load static IGMP group.	11053	IGMP snooping unable to load static IGMP group.	Warn
igmp_static_source_load	IGMP snooping unable to load static IGMP source list.	11054	IGMP snooping unable to load static IGMP source list.	Warn
igmp_flooding	IGMP flooding not enabled.	11055	IGMP flooding not enabled.	Warn
igmp_group_add_failed	IGMP Group Add Failed: <i>vlan-id group(s)</i>	11071	IGMP snooping failed to add a group to switch hardware.	Warn
igmp_group_remove_failed	IGMP Group Remove Failed: <i>vlan-id group(s)</i>	11072	IGMP snooping failed to remove a group from switch hardware.	Warn
software_upgrade_initiated	nvOS software upgrade initiated for <i>version(s)</i> .	11073	Software upgrade initiated; downloading and installing new packages.	Note
software_upgrade_complete	System and nvOS software upgrade complete <i>version(s)</i> .	11074	System and nvOS software upgrade complete.	Note
software_upgrade_failed	nvOS software upgrade failed.	11075	nvOS software upgrade failed.	Warn
system_reboot	System reboot initiated by nvOS.	11076	System reboot initiated by nvOS.	Note
system_reboot_failed	System reboot initiated by nvOSd	11077	System reboot initiated by nvOSd	Warn



	failed.		failed.	
lldp_agent_create_thread_failed	LLDP Agent Thread Create Failed: <i>mac(s) group(s) error</i>	11079	Creation of threads for LLDP Agent failed.	Warn
lldp_flow_add_failed	LLDP Flow Add Failed: <i>flow(s)</i>	11080	Adding flow for LLDP packet reception failed.	Warn
lldp_flow_remove_failed	LLDP Flow Remove Failed: <i>flow(s)</i>	11081	Removing flow for LLDP packet reception failed.	Warn
evb_platform_not_supported	EVB is not supported on this platform: <i>port</i>	11089	EVB is not supported on this platform.	Warn
evb_ecp_not_enabled	EVB ECP is Not Enabled: <i>port</i>	11090	Received EVB TLV with ECP is not enabled.	Warn
evb_flow_remove_failed	EVB Flow Remove Failed: <i>flowstr(s)</i>	11095	Unable to remove specified EVB flow.	Warn
lldp_agent_create_failure	LLDP Agent Create Failed: <i>agent(s)</i>	11111	Failed to create LLDP agent for one of three agent addresses.	Warn
stats_log_open_failed	Log file open failed.	11140	The log file failed to open.	Warn
container_rebuild_start	container=% [container]s rebuild is started	11141	container rebuild is started	Warn
container_rebuild_end	container=% [container]s rebuild is completed	11142	container rebuild is completed	Warn
all_container_rebuild	all containers are rebuilt	11143	all containers are rebuilt	Warn
loop_broken	A loop was broken on port/vlan for mac/ip	11180	A loop was broken on a port or VLAN for a MAC or IP address	Warn
loop_stp	A loop was detected that STP should have prevented.	11181	STP did not prevent a loop on the network.	Warn
update_auto_upgrade	Update server initiated upgrade	11210	The update server initiated an upgrade for nvOS.	Note
update_error	Update server sent	11211	The update server	Warn

	an error message		sent an error message.	
ps_initial_status	Power supply initial status.	11302	The initial status of the power supplies.	Warn
fan_initial_status	Fan initial status	11303	The initial status of the fans.	Warn
ps_status_change	Power supply state change	11304	The status of the power supplies changed.	Warn
fan_status_change	Fan status change	11305	The status of the fans changed.	Warn
fabric_node_duplicate_ip	Fabric node has the same ip=%[ip]I as the local node, cannot send to it	11319	Fabric node has the same IP as the local node, cannot send to it.	Warn
upgrade_error	software upgrade error: %[name]s: %[func]s - %[err]s	11324	Software Upgrade errors	Warn
upgrade_informational	software upgrade Note: %[name]s: %[func]s - %[info]s	11325	Software Upgrade informational messages	Note
upgrade_reboot	System reboot initiated by upgrade agent	11326	System reboot initiated by software upgrade	Note
upgrade_reboot_failed	System reboot initiated by upgrade agent failed	11327	System reboot initiated by software upgrade failed	Warn
openstack_nat_failed	Failed to setup NAT on the OpenStack controller %[name]s	11328	Failed to configure NAT for OpenStack	Warn
mac_tunnel_to_port	MOVING MAC=%[mac]M, vlan=%[vlan]d from tunnel=%[tunnel]s ip=%[old_ip]I to port=%[port]d ip=%[new_ip]I %[caller]s	11329	MAC moved from a tunnel to a port	Warn
mac_port_to_switch	MOVING MAC=%[mac]M, vlan=%[vlan]d from switch=%[old_sw]s port=%[old_port]d ip=%[old_ip]I to switch=%[new_sw]s	11330	MAC moved from a port to another switch	Note

	port=%[new_port]d ip=%[new_ip]I % [caller]s			
mld_flow_add	mld snooping unable to add flow: flow=%[flow] s	11341	MLD was unable to add a flow for MLD packet processing	Warn
mld_flow_remove	mld snooping not able to remove flow: flow=%[flow] s	11342	MLD snooping unable to remove flow for MLD processing	Warn
mld_query_start	mld snooping unable to start query state machine	11343	MLD snooping unable to start query state machine.	Warn
mld_query_stop	mld snooping unable to stop query state machine	11344	MLD was not able to stop the query state machine.	Warn
mld_static_load	mld snooping unable to load static mld group	11345	MLD snooping unable to load static MLD group.	Warn
mld_static_source_load	mld snooping unable to load static mld group source list	11346	MLD snooping unable to load static mld group source list.	Warn
xact_node_ignored	Ignoring offline cluster node name= %[name]s for transaction tid=% [tid]d	11366	ignored offline cluster node for transaction.	Warn
xact_recover	Transactions out- of-sync detected, rolled forward from old=%[old]d to new=%[new]d via node=%[node]s	11367	auto-recovered from transactions being out of sync.	Warn
xact_recover_failed	Transaction auto- recover failed: % [msg]s	11368	auto-recover attempted but failed	Warn
ip_moved	Moving ip=%[ip]I from old-mac=% [old_mac]M to new- mac=%[new_mac]M	11369	IP address moved from one MAC to another MAC	Note
software_license_expiring	software license(s) expiring soon code=%[code]s	11370	software license(s) expiring	Warn

	expires_on=% [expires_on]s			
software_license_expired	software license(s) have expired code=% [code]s expired_on=% [expires_on]s	11371	software license(s) have expired	Warn
l2_check_missing	Add missing l2 entry to hardware: mac=%[mac]s vlan=% [vlan]d vxlan=% [vxlan]d port=% [port]d result=% [result]s	11376	Add layer 2 entry that was missing in hardware	Warn
l2_check_bad_port	Fix l2 entry in hardware with incorrect port: mac=%[mac]s vlan=% [vlan]d vxlan=% [vxlan]d old_port=% [old_port]d new_port=% [new_port]d result=%[result]s	11377	Fix layer 2 entry in hardware with incorrect port	Warn
l2_check_orphaned	Remove orphaned l2 entry from hardware: mac=% [mac]s vlan=% [vlan]d vxlan=% [vxlan]d port=% [port]d result=% [result]s	11378	Remove orphaned layer 2 entry in hardware (not in software table)	Warn
mac_move_denied	MOVE DENIED mac=% [mac]M vlan=% [vlan]d vxlan=% [vxlan]d from switch=%[sw]n port=%[port]d to deny-switch=% [deny_sw]n deny-port=%[deny_port]d reason=%[reason]s	11379	Mac moved not allowed	Note
host_port_loop_detected	Looping traffic detected on host-port=%[port]d vlan=%[vlan]d. Traffic on this port/VLAN will be ignored until loop resolved	11380	loop detected on host port	Warn
host_port_loop_resolved	Traffic has	11381	loop on host port is no	Note

olved	stopped looping on host-port=%[port]d vlan=%[vlan]d		longer happening	
owner_mac_moved	caller=%[caller]s owner=%[owner]n mac=%[mac]M vlan=%[vlan]d moved from old-local-port=%[old_port]d to new-local-port=%[new_port]d	11382	other switch's mac moved from one local port to another	Note
mstp_set_port_state_failed	STP Port State Failure: port=%[port]d instance=%[instance]d	11384	Unable to set the stp state for the port on the MST instance	Critical
mac_port_to_tunnel	MOVING MAC=%[mac]M, vnet=%[vnet]s vlan=%[vlan]d from port=%[port]d ip=%[old_ip]I to tunnel=%[tunnel]s ip=%[new_ip]I % [caller]s	11385	mac moved from a port to a tunnel	Note
cluster_vlag_l2_update_failed	Updating mac=%[mac]M vnet=%[vnet]s vlan=%[vlan]d from peer update to vlag port port=%[port]d failed, cluster may be out-of-sync: reason=%[reason]	11386	updating mac to vlag port in response to peer status update failed, cluster L2 may be out of sync	Warn
cluster_tunnel_l2_update_failed	Updating mac=%[mac]M vxlan=%[vxlan]d tunnel=%[tunnel]s from peer update failed, cluster may be out-of-sync: reason=%[reason]s	11387	updating tunnel mac in response to peer status update failed, cluster L2 may be out of sync	Warn
cluster_comm_l2_update_failed	Updating mac=%[mac]M vnet=%[vnet]s vlan=%[vlan]d from peer update to cluster port port=%[port]d failed, cluster may be out-of-sync: reason=%[reason]s	11388	updating mac to cluster link in response to peer status update failed, cluster L2 may be out of sync	Warn

l2_check_bad_tunnel	Fix l2 entry in hardware with incorrect tunnel: mac=%[mac]s vnet=%[vnet]s vlan=%[vlan]d vxlan=%[vxlan]d old_tunnel=%[old_tunnel]s new_tunnel=%[new_tunnel]s result=%[result]s	11389	Fix layer 2 entry in hardware with incorrect tunnel	Note
l2_check_mismatch_vport	Mismatched vport entry: mac=%[mac]s vlan=%[vlan]d vxlan=%[vxlan]d hw_vlan=%[hw_vlan]d hw_vxlan=%[hw_vxlan]d result=%[result]s	11390	Mismatched vport entry	Note
l2_check_mark_port_mac	Marked vport as port-mac: mac=%[mac]s vlan=%[vlan]d vxlan=%[vxlan]d	11391	Marked owned local vport as port-mac	Warn
l2_check_delete_port_mac	Delete invalid port-mac vport: mac=%[mac]s vlan=%[vlan]d vxlan=%[vxlan]d	11392	Delete port-mac that should not be in vport table	Warn
hostid_collision_detected	Our hostid is being used by another node % [node_name]s	11393	received keep-alive from another node having same hostid	Critical
mirror_to_cpu_configured	Mirror to CPU configured on vFlow % [vflow_name]s	11395	Mirror to CPU configured	Note
low_disk_space	Disk Space Usage has exceeded threshold of 70 percent	11396	Disk space usage exceeds 70 percent	Warn
stp_vnet_port_recv	received STP BPDU on vnet port: port=%[port]d	11397	received an STP BPDU on a vnet port	Warn
igmp_disabled	Disabling IGMP on vlan: vlan=%[vlan]d	11398	Disabling IGMP on vlan	Note
igmp_enabled	Enabling IGMP on vlan: vlan=%[vlan]	11399	Enabling IGMP on vlan	Note

	d			
l2_check_hw_invalid	Remove invalid l2 entry from hardware: mac=%[mac]s vnet=%[vnet]s vlan=%[vlan]d vxlan=%[vxlan]d port=%[port]d tunnel=%[tunnel]s result=%[result]s	11400	Remove invalid layer 2 entry in hardware (incorrect HW entry)	Warn
congestion_on_port	Congestion detected on port=%[port]d	11401	Congestion detected on port. Positive icongdrop/ocongdrop	Critical
congestion_relieved_on_port	Congestion relieved on port=%[port]d	11402	Congestion relieved on port.	Critical
fabric_node_status	[%node_name]s: Node status changed to [%status]s	11403	fabric node state change	Note
mld_disabled	Disabling MLD on vlan: vlan=%[vlan]d	11404	Disabling MLD on vlan	Note
mld_enabled	Enabling MLD on vlan: vlan=%[vlan]d	11405	Enabling MLD on vlan	Note
vlan_public_id_mismatch	vnet=%[vnet]s vlan=%[vlan]d public-id mismatch while cluster offline	11406	while cluster was offline vlan public-id mismatch happened	Error
vlan_port_node_ignored	Ignoring offline cluster node name=%[name]s while assigning public vlan to vnet=%[vnet]s vlan=%[vlan]d	11407	ignored offline cluster for private vlan port assignment	Warn
vlan_public_id_failed	failed to set public-vlan for vnet=%[vnet]s vlan=%[vlan]d msg=%[msg]s	11408	failed to set public vlan id while handling cluster status update	Error
bad_xcvr_detected	unable to access I2C bus; possible bad transceiver	11409	unable to access I2C bus; possibly a bad transceiver is inserted	Error
tacacs_server_error	server=%[server]s	11414	Repeated TACACS+	Critical

r	TACACS+ authorization disabled due to repeated server errors		server errors. TACACS+ authorization disabled	
tacacs_server_ok	server=%[server]s TACACS+ authorization enabled due to server errors resolved	11415	TACACS+ server has recovered from errors. TACACS+ Authorization enabled.	Note
dhcp_untrusted_msg	DHCP server message received from untrusted port=%[port]d server-ip=%[ip]I	11416	received DHCP server message from an untrusted port received DHCP server message from an untrusted port.	Warn
fabric_guard_loop_detect	Fabric-guard detected loop	11422	Fabric-guard detected a loop on port %[port]d. Port blocked.	Note
replace_offline_node	loc-id=%[loc_id]d: node=%[name]s node-id=%[node_id]d replacing old-node=%[old_name]s old-node-id=%[old_node_id]d	11423	new node replacing offline node with the same location id.	Note
loc_id_conflict	loc-id=%[loc_id]d owned by node=%[name]s node-id=%[node_id]d, ignore message from conflict-node=%[old_name]s conflict-node-id=%[old_node_id]d	11424	two nodes with the same loc-id is not allowed, ignoring latest	Warn
ntp_server_sync	NTP server is unresolvable/unreachable	11431	NTP server not resolvable/reachable	Critical
xact_rollforward_ignore_error	Transactions rollforward tid=%[tid]d cmd=%[cmd]s failed result=%[result]R, ignoring error	11432	xact rollforward failure overridden by user	Warn
xact_rollback_ignore_error	Transactions rollback tid=%[tid]d cmd=%[cmd]s failed result=%[result]R, ignoring error	11433	xact rollback failure overridden by user	Warn



nxu_module_fw_upgrade	Installed version: % <i>[inst]</i> s; available version % <i>[avail]</i> s	11434	One or more Lutera xcvrs require module firmware upgrade	Warn
nxu_chipset_fw_upgrade	Installed version: % <i>[inst]</i> s; available version % <i>[avail]</i> s	11435	One or more Lutera xcvrs require chipset firmware upgrade	Warn
sensor_unavailable	sensor % <i>[name]</i> s cannot be accessed	11436	sensor cannot be read by BMC	Warn
ipv6_raguard_ra_port_drop	Dropping RA from port=% <i>[port]</i> d. % <i>[msg]</i> s	11504	Drop RA packet from port according to RA Guard Policy	Warn
ipv6_raguard_ra_port_drop	Dropping RA from vlan=% <i>[vlan]</i> d. % <i>[msg]</i> s	11505	Drop RA packet from vlan according to RA Guard Policy	Warn
disk_health_below_RMA	<i>The disk health level %<i>[current]</i>d is significantly below recommended level %<i>[rma]</i>d, please notify Pluribus TAC immediately</i>	11514	The disk health is below the minimum required to work needs to be RMAed	Critical
disk_health_below_minimum	<i>The disk health level %<i>[current]</i>d is below recommended level %<i>[rma]</i>d, please notify Pluribus TAC</i>	11515	The disk health is below the minimum required to work	Critical
disk_health_filesystem_readonly	<i>The filesystem %<i>[part]</i>s is in Read Only mode, please notify Pluribus TAC immediately</i>	11516	The disk partition is mounted read-only	Critical
SI_setting_update	<i>Changed SIsetting forport(s) %<i>[pmap]</i>sto %<i>[cbl_type]</i></i>	11517	User has set explicit port cable type	Warn
normal_space	Disk Space Usage is normal below 70 percent	11518	Disk space usage is normal	Warn
SI_setting_update	<i>Changed SI setting for port(s) %<i>[pmap]</i>s to %<i>[cbl_type]</i>s</i>	11519	User has set explicit port cable type	Warn
unsupported_platform	not supported	11520	message: Support for	Warn

rm			this hardware was deprecated starting with nvOS %[eos]s and later.Please review the Release Notes for this and previous releases to find the list of supported hardware	
fabric_password_update	%[node_name]s: % [msg]s	11522	Password reset or changed	Note
excess_mac_move	Excess MAC moves detected for mac=% [mac]M, vnet=% [vnet]s vlan=% [vlan]d vxlan=% [vxlan]d	11523	Excess MAC moves detected	Note
excess_ip_move	Excess IP moves detected for ip=% [ip]I vnet=%[vnet]s vlan=%[vlan]d vxlan=%[vxlan]d	11524	Excess IP moves detected	Note
clear_excess_mac_move	Excess MAC move condition cleared for mac=%[mac]M, vnet=%[vnet]s vlan=%[vlan]d vxlan=%[vxlan]d	11525	Excess MAC move condition cleared	Note
clear_excess_ip_move	Excess IP move condition cleared for ip=%[ip]I vnet=%[vnet]s vlan=%[vlan]d vxlan=%[vxlan]d	11526	Excess IP move condition cleared	Note
port_oir_error_enter	Port=%[port]d enter xcvr oir error state	11527	Port enter xcvr oir error state	Warn
port_oir_error_exit	Port=%[port]d exit xcvr oir error state	11528	Port exit xcvr oir error state	Warn
port_oir_error_exit	Port=%[port]d exit xcvr oir error state	11529	Port exit xcvr oir error state	Warn
maintenance_disabled	System is in Operational mode	11530	system state is operational (maintenance-disabled)	Note
current_date_and_time	Current date and time: %[timestr]s	11539	log the previous date and time and origin	Info

new_date_and_time	New date and time: %[timestr]s	11540	log the new date and time and origin	Info
syslog_send_failed	Failed to send log message to syslog server <i>server(s)</i> <i>error-message(s)</i>	20000	Probable resource exhaustion on UDP socket.	Error
syslog_hostname_lookup_failed	Failed to resolve hostname <i>host(s)</i> for syslog <i>error-message(s)</i>	20001	Possible DNS problems or incorrect hostname for syslog server.	Error
system_repeats	Last <i>ids</i> message(s) repeated <i>number</i> times(s)	20002	Compress repeated messages	Note
reset_counters	system log counters reset timestamp % [timestamp]s	20005	Reset system log counters.	Note
syslog_tls_server_down	tcp-tls connection to syslog server=% [server]s down. Logs are not getting exported	20006	Connection to syslog export tcp/tls server is down. syslog export to external server is not happening.	Error
syslog_tls_server_restored	tcp-tls connection to syslog server=% [server]s restored. Log export is operational	20007	Connection to syslog export tcp/tls server is restored.	Note
syslog_tls_server_dropped	syslog export log messages to syslog server=%[server]s getting dropped	20008	Syslog export message(s) to tcp/tls server dropped.	Error
syslog_tls_server_delayed	syslog export log messages to syslog server=%[server]s getting delayed	20009	Syslog export message(s) to tcp/tls server delayed.	Error
generic_platform_audit	platform audit message: %[msg]s	20010	Platform audit message	Note
container_log	container log message: %[msg]s	20011	Logs from the containers	Note
os_logs	OS audit log message: %[msg]s	20012	Logs from the Operating system auditing	Note
mon_start	nvOS_mon startup	30000	Monitoring starting.	Note
mon_exit	Exiting because	30001	Monitoring exiting for	Warn

	<i>reason(s)</i>		various reasons.	
mon_reboot	Starting command <i>cmd(s)</i>	30004	Monitoring starting	Note
mon_restart_nvOSd	Monitor restarting nvOSd	30005	Restarting nvOSd	Note
mon_failure_detected	Monitor detected failure <i>failure(s)</i>	30006	Monitor detected a failure.	Warn
mon_reset	Reset nvOSd config	30007	nvOS_mon is resetting nvOSd configuration.	Note
mon_grub_gen	Regenerating grub configuration for new boot environment.	30008	nvOS_mon is regenerating grub.	Note
mon_restart_tomcat	Monitor restarting tomcat.	30009	Restarting tomcat.	Note
mon_cpu_usage_high	High cpu usage detected.	30010	High CPU usage detected.	Note
mon_memory_usage_high	High memory usage detected	30011	high memory usage detected.	Note
mon_disable_ports	nvOSd cannot be revived; disabling ports to prevent headless switching.	30012	Monitor failed to restart nvOSd; disabling ports to prevent headless switching.	Critical
mon_auth_failed	User authorization failed for user <i>name(s)</i> , <i>pid pid(d)</i> , <i>ip</i>	30013	User authorization failed.	Note
mon_heartbeat_hung	nvOS_mon is possibly stuck ! % [action]s	30014	nvOS_mon heartbeat_checker thread is possibly hung.	Critical
mon_autoreboot_cancel	%[reason]s; the system will not be rebooted.	30015	System will not be rebooted; auto-reboot is disabled or software-upgrade is in progress.	Critical
mon_autoreboot_failed	System failed to auto-reboot: % [reason]s	30016	System failed to auto-reboot: %[reason]s	Critical
mon_cpu_usage_higher_than_seventy	CPU usage higher than 70 percent detected	30017	CPU usage higher than 70 percent detected	Critical
mon_memory_usage_high	Memory usage	30018	Memory usage higher	Warn

higher_than_seventy	higher than 70 percent detected		than 70 percent detected	
mon_memory_usage_lower_than_sixtyfive	Memory usage is normal, lower than 65(%[mem].2f) percent detected	30019	Memory usage is normal, lower than 65 percent detected	Warn
mon_memory_usage_higher_than_eighty	Memory usage higher than 80 percent detected	30020	Memory usage higher than 80 percent detected	Warn
mon_memory_usage_higher_than_ninety	Memory usage higher than 90 percent detected	30021	Memory usage higher than 90 percent detected	Warn
fanmon_fan_status	Controller <i>controller-id</i> fan <i>fan-id</i> speed <i>rpm</i> RPM	31000	Status of a fan after it becomes active	Note
fanmon_fan_missing	Controller <i>controller-id</i> fan <i>fan-id</i> is missing	31001	There is no fan in the fan slot	Warn
fanmon_fan_status_max	Controller <i>controller-id</i> fan <i>fan-id</i> is max	31002	Fan is set to maximum speed.	Note
fanmon_fan_fault	Controller <i>controller-id</i> fan <i>fan-id</i> fault: <i>fault(s)</i>	31003	There is a problem with the fan.	Warn
fanmon_fan_fault_compensate	One fan fault is detected so setting all other fans to max speed to compensate.	31004	One fan is faulty on the system.	Warn
fanmon_poweroff	Fan monitor powering down system due to faults or over temp.	31005	Fans are not working properly on the server-switch.	Critical
smf_nvOSd_start	smf starting nvOS	31007	nvOS starting	Note
smf_nvOSd_stop	smf stopping nvOS	31008	nvOS stopping.	Note
hw_route_prec0_detected	F64 count=%[count] hardware routes with invalid precedence detected	31011	Aquila hardware route with invalid precedence detected	Critical
fanmon_fan_info	Current temp %[temp]d Current speed %[rpm]d RPM	31015	Show current temperature and Fan Speed setting info	Note

hwmon_start	=== nvOSd_hwmon start ===	32000	nvOSd_hwmon startup	Note
hwmon_exit	exiting because % [reason]s	32001	hardware monitor exiting for some reason	Warn
hwmon_power_supply_fault	power supply % [name]s fault	32002	power supply has failed	Critical
hwmon_power_supply_ok	power supply % [name]s has recovered from faulted state	32003	power supply OK	Note
hwmon_fan_fault	fan %[name]s fault	32004	fan has failed	Critical
hwmon_fan_ok	fan %[name]s has recovered from faulted state	32005	fan ok	Note
hwmon_sensor_fault	temperature sensor %[name]s fault	32006	temperature sensor fault	Warn
hwmon_sensor_ok	temperature sensor %[name]s has recovered from faulted state	32007	temperature sensor ok	Note
hwmon_temp_warning	%[name]s at %[t1] dC, shutdown at %[t2]dC	32008	high temperature warning	Warn
hwmon_temp_Critical	%[name]s at %[t1] dC, shutdown at %[t2]dC	32009	high temperature Critical	Critical
hwmon_temp_shutdown	shutting down system: %[name]s at %[t1]dC	32010	high temperature system shutdown	Critical
hwmon_shutdown_failed	system high temperature shutdown failed	32011	high temperature system shutdown failed	Critical
hwmon_temp_ok	%[name]s at %[t1] dC, temperature ok	32012	temperature OK	Note

## About Pluribus Networks

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Pluribus Networks delivers an open, controllerless software-defined network fabric for modern data centers, multi-site data centers and distributed cloud edge environments.

The Linux-based Netvisor® ONE operating system and the Adaptive Cloud Fabric™ have been purpose-built to deliver radically simplified networking and comprehensive visibility along with white box economics by leveraging hardware from our partners Dell EMC, Edgecore, Celestica and Champion ONE, as well as Pluribus' own Freedom™ Series of switches.

The Adaptive Cloud Fabric provides a fully automated underlay and virtualized overlay with comprehensive visibility and brownfield interoperability and is optimized to deliver rich and highly secure per-tenant services across data center sites with simple operations having no single point of failure.

Further simplifying network operations is Pluribus UNUM™, an agile, multi-functional web management portal that provides a rich graphical user interface to manage the Adaptive Cloud Fabric. UNUM has two key modules - UNUM Fabric Manager for provisioning and management of the fabric and UNUM Insight Analytics to quickly examine billions of flows traversing the fabric to ensure quality and performance.

Pluribus is deployed in more than 275 customers worldwide, including the 4G and 5G mobile cores of more than 75 Tier 1 service providers delivering mission-critical traffic across the data center for hundreds of millions of connected devices. Pluribus is networking, simplified.

For additional information contact Pluribus Networks at [info@pluribusnetworks.com](mailto:info@pluribusnetworks.com), or visit [www.pluribusnetworks.com](http://www.pluribusnetworks.com).

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