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Audit Log Messages

Table 1: Audit Log Messages

Identifier	Message	Code	Description
audit_drop	Unable to deliver audit log so audit logs dropped	10001	Audit logs could not be delivered.
audit_repeats	Last <i>number</i> message(s) repeated <i>number</i> time(s)	20004	Compress repeated messages.
mon_command_start	starting command <i>cmd-name</i>	30002	Monitor starting command
mon_command_finish	finished command <i>cmd-name</i> result <i>result</i>	30003	Command run by nvOS monitoring
audit_drop	lost <i>drop-id msg(s)</i>	10002	Unable to deliver audit log(s) to nvlogd so audit logs dropped.
user_command	Command <i>cmd-name</i> result <i>result</i>	11001	Administrator has run a command.
command_err	Command <i>cmd-name</i> failed <i>error</i>	11098	Command failed in such a way that the results cannot be transmitted back to the client.
login	login	11099	User logged in.
logout	logout	11100	User logged out.
xact_command	Transaction command <i>cmd-name</i> result <i>result</i>	11101	Command run as a result of a transaction on a different node.
internal_command	Internal command <i>cmd-name</i> result <i>result</i>	11102	Command run by nvOSd.
login_failed	login failed: <i>error</i>	11103	User unable to log into the switch.
tacacs_sess_deny	%[tacacs_msg]s	11410	TACACS+ server denied session
tacacs_sess_ok	%[tacacs_msg]s	11411	TACACS+ server authorized session
tacacs_cli_cmd_deny	cmd=%[cmd]s %[tacacs_msg]s	11412	TACACS+ server denied command
tacacs_cli_cmd_ok	cmd=%[cmd]s %[tacacs_msg]s	11413	TACACS+ server allowed command
shell_command	Command \"%[cmd]s\" status %[status]s	33000	shell command
vysh_command	Command \"%[cmd]s\" result=%[result]d	33001	vysh command
tacacs_shell_cmd_deny	cmd=%[cmd]s %[tacacs_msg]s	33002	TACACS+ server denied shell command
tacacs_shell_cmd_ok	cmd=%[cmd]s %[tacacs_msg]s	33003	TACACS+ server authorized shell command
tacacs_vtysh_cmd_deny	cmd=%[cmd]s %[tacacs_msg]s	33004	TACACS+ server denied vtysh command
tacacs_vtysh_cmd_ok	cmd=%[cmd]s %[tacacs_msg]s	33005	TACACS+ server authorized vtysh command

Event Log Messages

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
event_repeats	Last %[msgs]d messages repeated %time[times]d time(s)	20003	Compress repeated message	System	N/A
openstack_error	Openstack error: %[name]s: %[func]s - %[err]s	31009	Openstack errors on the nvOS CLI	OpenStack	
openstack_informational	Openstack info: %[name]s: %[func]s - %[info]s	31010	Openstack informational messages	OpenStack	
event_drop	Lost <i>drops-id msgs</i>	10000	Unable to deliver event(s) to nvlogd so events dropped.	System	N/A
ipsla_unreachable	%[name]s: %[msg]s - %[route_info]s	31013	IPSLA: linktrack ip is unreachable	System	
ipsla_reachable	%[name]s: %[msg]s - %[route_info]s	31014	IPSLA: linktrack ip is reachable	System	
port_up	Up	11002	A port is up.	Port	by-port
port_down	Down	11003	A port is down.	Port	by-port
conn_new	src-mac <i>mac</i> src-ip <i>ip</i> src-port <i>port-id</i> dst-mac <i>mac</i> dst-ip <i>ip</i> dst-port <i>port-id</i> new tcp connection	11004	New TCP connection	TCP	by-vxlan by-vlan by-port
conn_done	src-mac <i>mac</i> src-ip <i>ip</i> src-port <i>port-id</i> dst-mac <i>mac</i> dst-ip <i>ip</i> dst-port <i>port-id</i> bytes-sent <i>bytes</i> bytes-received <i>bytes</i> new tcp connection	11005	TCP Connection finished.	TCP	by-vxlan by-vlan by-port
ptp_time_adjust	Adjusting time by <i>offset</i>	11010	PTP slave adjusting switch clock.	PTP	
ptp_frequency_adjust	Adjusting clock frequency <i>adjusting</i>	11011	PTP slave adjusting switch frequency	PTP	
mac_ip_add	MAC/IP address added mac= <i>mac</i> ip= <i>ip</i>	11022	Detected a new MAC address and IP address on a port.	Port	by-vxlan by-vlan by-port
mac_ip_change	IP address change mac= <i>mac</i> ip= <i>ip</i>	11023	IP Address for a MAC address changed on a port.	Port	by-vxlan by-vlan by-port

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
stp_port_online	STP PORT Online: <i>port-id</i>	11024	Port added for STP consideration in response to port up event.	STP	
stp_port_offline	STP PORT Online: <i>port-id</i>	11025	Port deleted for STP consideration in response to port down event.	STP	
stp_port_state	port changed stp state	11026	The port changed the STP state.	Port	
stp_port_fast	STP Port Fast: <i>port-id</i>	11027	The given STP port will operate in port fast mode.	STP	
stp_destroy	STP Destroying Spanning Tree: <i>vlan-id</i>	11032	STP destroying a spanning tree that was operating for a VLAN.	STP	
stp_blacklist_recv	Received STP BPDU on blacklisted port: <i>port=port-id</i> <i>vlan=vlan-id</i>	11033	Received an STP BPDU on a blacklisted port.	STP	
stp_invalid_bpdu	STP BPDU invalid: <i>port=port-id</i> <i>vlan=vlan-id</i> <i>reason=reason</i>	11034	Received STP BPDU is invalid.	STP	
stp_processing_bpdu	STP Processing: <i>port=port-id</i> <i>vlan=vlan-id</i> <i>proto=proto</i> <i>len=length</i>	11035	Processing valid STP or PVST BPDU.	STP	
stp-unknown_bpdu	STP Unknown BPDU: <i>port=port-id</i> <i>vlan=vlan-id</i> <i>bpdu-type=type-id</i>	11036	Received unknown BPDU type.	STP	
stp_maximum_age	STP BPDU has reached maximum age: <i>port=port-id</i> <i>vlan=vlan-id</i>	11037	BPDU has reached maximum age.	STP	
stp_root	STP Port is Root: <i>port=port-id</i> <i>vlan=vlan-id</i>	11038	The port has been selected as the root of spanning tree.	STP	
stp_designated	STP Port is Designated: <i>port=port-id</i> <i>vlan=vlan-id</i>	11039	The port has been become the designated port.	STP	
stp_sending_bpdu	STP Sending BPDU: <i>bpdu=bpdu</i> <i>port=port-id</i> <i>vlan=vlan-id</i>	11040	The port has become designated port.	STP	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
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	
stp_done	STP STG Done: vlan= <i>vlan-id</i>	11043	STP state machine for the specified VLAN is being shutdown.	STP	
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	
igmp_add_router	IGMP Adding Router to Group: group= <i>group</i>	11056	IGMP snooping adding router to the specified group.	IGMP	
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	
igmp_switch_multicast_port_remove	IGMP Port Remove Failed: port= <i>port-id</i> group= <i>group-id</i> vlan= <i>vlan-id</i>	11058	IGMP snooping unable to remove port from group.	IGMP	
igmp_host_add	IGMP Added Host to Group: port= <i>port-id</i> vlan= <i>vlan-id</i> group= <i>group-id</i> server= <i>servers</i>	11059	IGMP snooping added host to group.	IGMP	
igmp_host_remove	IGMP Removed Host from Group: port= <i>port-id</i> vlan= <i>vlan-id</i> group= <i>group-id</i> server= <i>servers</i>	11060	IGMP removed host from group.	IGMP	
igmp_v1_report	IGMP Does Not Process V1 Report: port= <i>port-id</i> vlan= <i>vlan-id</i>	11061	IGMP does not process version 1 IGMP packets.	IGMP	
igmp_v2	IGMP Processing V2 Packet: port= <i>port-id</i> vlan= <i>vlan-id</i> group= <i>group-id</i> server= <i>servers</i> type= <i>type</i>	11062	IGMP snooping processed a IGMP v2 report or leave messages.	IGMP	
igmp_v3_record	IGMP Processing V3 Record: port= <i>port-id</i> vlan= <i>vlan-id</i> group= <i>group-id</i> server= <i>servers</i> type= <i>type</i>	11063	IGMP snooping processing V3 record.	IGMP	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
igmp_v3_report	IGMP Processing V3 Report: port= <i>port-id</i> vlan= <i>vlan-id</i> server= <i>servers</i> numrec= <i>type</i>	11064	IGMP snooping processing V# Report	IGMP	
igmp_add_update_globalmc	IGMP Add/Update globalmc: port= <i>port-id</i> vlan= <i>vlan-id</i>	11065	IGMP snooping adding or updating globalmc for port and VLAN.	IGMP	
igmp_remove_globalmc	IGMP Removing globalmc: port= <i>port-id</i> vlan= <i>vlan-id</i>	11066	IGMP snooping removing globalmc for port and VLAN.	IGMP	
igmp_drop_packet	IGMP dropping packet: port= <i>port-id</i> vlan= <i>vlan-id</i> reason= <i>reason</i>	11067	IGMP snooping is dropping a packet.	IGMP	
igmp_ignore_packet	IGMP Ignoring packet: port= <i>port-id</i> vlan= <i>vlan-id</i> igmp-type= <i>type</i>	11068	IGMP is ignoring received IGMP packet.	IGMP	
igmp_group_add	IGMP Adding Group: vlan= <i>vlan-id</i> group= <i>group</i>	11069	IGMP snooping added a group to the switch hardware.	IGMP	
igmp_group_remove	IGMP Removing Group: vlan= <i>vlan-id</i> group= <i>group</i>	11070	IGMP snooping removed a group from the switch hardware.	IGMP	
lldp_agent_create	LLDP Agent Create: mac= <i>mac</i> group= <i>l</i>	11078	Creating LLDP agent for specified group on specified switch.	LLDP	
lldp_port_enable	LLDP Port Enable: port= <i>port-id</i>	11082	Specified port has been enabled for LLDP operation.	LLDP	
lldp_port_disable	LLDP Port Disable: port= <i>port-id</i>	11083	Specified port has been removed from LLDP operation.	LLDP	
lldp_pdu_drop	LLDP PDU Drop	11084	LLDP PDU received on port has been dropped.	LLDP	
lldp_pdu_invalid	LLDP PDU Invalid: port= <i>port-id</i> reason= <i>reason</i>	11085	LLDP PDU received on port was invalid.	LLDP	
lldp_processing_pdu	LLDP Processing: port= <i>port-id</i> vlan= <i>vlan-id</i>	11086	LLDP is processing a received PDU	LLDP	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
lldp_tlv_construct_failed	LLDP TLV Construct Failed: port= <i>port-id</i> reason= <i>reason</i>	11087	LLDP cannot construct a proper TLV for the PDU.	LLDP	
evb_process_tlv	EVB Processing EVB TLV: port= <i>port-id</i>	11088	EVB TLV processing on a specific port.	EVB	
evb_tlv_drop	EVB TLV Drop: port= <i>port-id</i> reason= <i>reason</i>	11091	A received EVB TLV was dropped.	EVB	
ecp_send_packet_failed	ECP Send PDU Failed: port= <i>port-id</i> reason= <i>reason</i>	11092	Unable to send EVB PDU on specified port.	ECP	
ecp_send_packet	ECP Send PDU: port= <i>port-id</i> type= <i>type</i>	11093	Sent ECP PDU on specified port.	ECP	
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	
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	
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	
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	
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	
adj_trunk_create	ADJ Create Auto Trunk: trunk= <i>trunk</i> port= <i>port-id</i>	11106	Created a trunk in adjacency code.	Port	
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	
storage_device_remove	Storage device <i>device</i> removed.	11108	Storage device removed from switch.	Storage	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
storage_device_added	Storage device <i>device</i> added.	11109	Storage device added from switch.	Storage	
storage_pool_status_notok	Storage pool <i>poolname</i> in <i>status</i> state available disk space= <i>space</i>	11110	Storage pool status is not ok.	Storage	
igmp_add_host_failed	IGMP Add Host Failed: vlan=%[vlan]d group=%[group]s host=%[host]s	11112	IGMP snooping add host failed.	IGMP	
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	
igmp_remove_host_failed	IGMP Remove Host Failed: vlan=%[vlan]d group=%[group]s host=%[host]s	11114	IGMP snooping remove host failed.	IGMP	
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	
stp_hello_time	STP Hello Time Change: vlan=%[vlan]d time=%[time]d	11116	STP hello time change for STP instance	STP	
stp_max_Age	STP Max Age Change: vlan=%[vlan]d time=%[time]d	11117	Max age time change for STP instance	STP	
stp_forward_delay	STP Forwarding Delay Change: vlan=%[vlan]d time=%[time]d	11118	Forwarding delay changed for STP instance.	STP	
stp_hello_timer_expired	STP Hello Timer Expired: vlan=%[vlan]d	11119	Hello timer expired for STP instance	STP	
stp_bridge_id_change	STP Bridge ID Change: vlan=%[vlan]d id=%[id]llx	11120	New bridge ID for STP instance	STP	
stp_tcn_bpdu	STP TCN bpdu processing: vlan=%[vlan]d port=%[port]d	11121	Processing TCN BPDU for STP instance	STP	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
stp_configuration_bpdu	STP Configuration BPDU: vlan=%[vlan]d port=%[port]d isroot=%[isroot]d	11122	Processing configuration BPDU for instance	STP	
stp_supersedes_port_info	STP Supersedes Port Info: vlan=%[vlan]d port=%[port]d	11123	Config BPDU indicates possible change in STP topology	STP	
stp_root_port_select	STP Root Port Select: vlan=%[vlan]d port=%[port]d	11124	Root port selection for STP topology	STP	
tacacs_invalid_server	Invalid server= <i>server(s): error</i>	11126	Server name can't be resolved via DNS or an invalid IP address was used.	TACACS	
tacacs_connect_error	server= <i>server(s): unable to connect: reason</i>	11127	Unable to connect to TACACS+ server.	TACACS	
tacacs_shell_author_req_failed	server= <i>server(s) user=user(s): Shell authorization request failed: reason</i>	11128	Shell authorization request to TACACS+ server failed	TACACS	
tacacs_unknown_role	server= <i>server(s) user=user(s) role=role(s): unknown role</i>	11129	Unrecognized role in TACACS + shell authorization response.	TACACS	
tacacs_unknown_attr	server= <i>server(s) user=user(s) req=req(s) attr=attribute(s): unknown mandatory attribute</i>	11130	Received an unrecognized attribute.	TACACS	
tacacs_user_not_author	server= <i>server(s) user=user(s) req=req(s) status=status: user not authorized</i>	11131	Authorization request returned bad status for a user.	TACACS	
tacacs_ignore_attr	server= <i>server(s) user=user(s) req=req(s) attr=attribute(s): ignoring unknown optional attribute</i>	11132	Ignoring an optional attribute.	TACACS	
tacacs_cmd_author_fail	server= <i>server(s) user=user(s): authorization failed: reason(s)</i>	11133	Failed to authorize a command.	TACACS	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
tacacs_authen_start_failed	server= <i>server(s)</i> user= <i>user(s)</i> : authentication started failed: <i>result(s)</i>	11134	Authentication start failed.	TACACS	
tacacs_authen_failed	server= <i>server(s)</i> user= <i>user(s)</i> status= <i>status</i> server_msg= <i>msg</i> : authentication failed.	11135	Authentication failed.	TACACS	
tacacs_acct_failed	server= <i>server(s)</i> req= <i>req(s)</i> user= <i>user(s)</i> : accounting failed: <i>result(s)</i>	11136	Accounting request failed.	TACACS	
tacacs_acct_bad_status	server= <i>server(s)</i> req= <i>req(s)</i> user= <i>user(s)</i> status= <i>status</i> : server_msg= <i>msg</i> <i>result(s)</i>	11137	Bad status received in response to accounting request.	TACACS	
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	
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	
lACP_port_enable	LACP Port Enable: port=%[port]d	11150	Port is enabled for LACP PDU processing	LACP	
lACP_port_disable	LACP Port Disable: port=%[port]d	11151	Port Processing PDU is disabled on the port.	LACP	
lACP_disable	LACP Disabled	11152	LACP feature is disabled.	LACP	
lACP_enable	LACP Enabled	11153	LACP feature is enabled.	LACP	
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	
lACP_port_up	LACP Port Up: port=%[port]d	11155	LACP Port is up	LACP	
lACP_trunk_port_add	LACP Trunk Add Port: trunk=%[trunk]d port=%[port]d	11156	Adding Port to LACP trunk	LACP	
lACP_trunk_port_remove	LACP Trunk Remove Port: trunk=%[trunk]d port=%[port]d	11157	Remove port from LACP trunk	LACP	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
lACP_port_expired	LACP Port Expired: port=%[port]d	11158	LACP port state has expired	LACP	
lACP_port_defaulted	LACP Port Defaulted: port=%[port]d	11159	LACP Port state is now default state	LACP	
lACP_port_no_sync	LACP Port No Sync: port=%[port]d	11160	LACP port state is not SYNC	LACP	
lACP_port_assert_ntt	LACP Port Assert NTT: port=%[port]d	11161	LACP has asserted NTT	LACP	
lACP_port_collecting	LACP Port Collecting: port=%[port]d state=%[state]s	11162	LACP Port State enable/disable collecting	LACP	
lACP_port_distributing	LACP Port Distributing: port=%[port]d state=%[state]s	11163	LACP Port State enable/disable distributing	LACP	
lACP_port_select	LACP Port Select: port=%[port]d lag=%[lag]s	11164	LACP Port is selected for aggregation	LACP	
lACP_port_unselect	LACP Port Not Selected: port=%[port]d	11165	LACP Port is removed from aggregation.	LACP	
lACP_port_mux_state	LACP Port Mux State: port=%[port]d mux=%[mux]s	11166	LACP port is set to this mux state	LACP	
lACP_pdu	LACP PDU: port=%[port]d type=%[type]s	11167	LACP PDU is received on port	LACP	
lACP_trunk_not_found	LACP No Matching Trunk: trunk=%[trunk]d	11168	No matching trunk found for LACP while processing LACP state	LACP	
lACP_aggregator_addrf	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	
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	
lACP_pdu_fail	LACP PDU Failure: port=%[port]d failure=%[failure]s	11171	LACP PDU processing failure	LACP	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
lACP_port_state	LACP Port State: port=%[port]d info=%[info]s state=%[state]s	11172	LACP port state	LACP	
lACP_marker_pdu	LACP Xmit Maker PDU: port=%[port]d rq=%[rq]d sysaddr=%[sysaddr]s xid=%[xid]d	11174	LACP sending Marker PDU on port	LACP	
lACP_xmit_pdu	LACP Xmit PDU: port=%[port]d	11175	Send LACP PDU on port	LACP	
lACP_port_down	LACP Port Down: port=%[port]d	11176	LACP port is down	LACP	
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	
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	
storage_device_size_changed	Storage device %[device]s size changed from %[old]d to %[new]d	11179	Storage device size changed.	Storage	
stp_forwarding_delay_timer	STP Forward Delay Timer: port=%[port]d vlan=%[vlan]d	11182	Starting Forwarding Delay Timer on switch	STP	
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	
stp_vlan_port_add	STP VLAN port add: port=%[port]d vlan=%[vlan]d	11184	Add port to spanning tree for vlan	STP	
stp_vlan_port_remove	STP VLAN port remove: port=%[port]d vlan=%[vlan]d	11185	Remove port from spanning tree for VLAN	STP	
port_starting_up	Port Starting Up: port=%[port]d	11186	A port is starting to come up	STP	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
stp_trunk_vlan_update	STP Trunk Vlan Update: trunk=%[trunk]d vlan=%[vlan]d	11187	Update trunk on STG for VLAN	STP	
adj_port_add	Adj Port Add: port=%[port]d	11188	Adding port for consideration for adjacency	STP	
adj_port_already	Adj Port Already: port=%[port]d	11189	Port already under consideration for adjacency	STP	
adj_considering_port	Adj Considering Port: port=%[port]d	11190	Considering adjacency for port	STP	
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	
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	
lACP_port_sm_ptx_update_timeout	LACP SM PTX Update Timeout: port=%[port]d	11201	LACP Partner Timeout Change for Port	LACP	
lACP_l2_flush	LACP L2 Table Flush: port=%[port]d	11202	LACP L2 Table Flush for this port	LACP	
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	
lACP_port_marker	LACP SM PTX Update Timeout: port=%[port]d	11204	LACP Marker PDU received on Port	LACP	
lACP_port_marker_response	LACP Marker Response PDU: port=%[port]d	11205	LACP Marker Response PDU received on Port	LACP	
lACP_port_sm_tx_nogo	LACP SM TX NoGo: port=%[port]d reason=%[reason]s	11206	LACP PDU not sent on Port	LACP	
lACP_sm_ptx_timer	LACP PTX Port Timer: port=%[port]d	11207	LACP Port PTX Timer	LACP	
lACP_sm_rx	LACP SM RX: port=%[port]d reason=%[reason]s	11208	LACP Port PTX Timer	LACP	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
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	
stp_port_block	STP Port Blocked: port=%[port]d	11212	Port is blocked by STP	STP	
stp_port_unblock	STP Port No Block: port=%[port]d	11213	Port is not blocked by STP	STP	
stp_port_disable	STP Port Disable: port=%[port]d vlan=%[vlan]d	11214	STP had disabled this port	STP	
vlag_active	VLAG Port Active: port=%[port]d	11300	VLAG port is now active	STP	
vlag_inactive	VLAG Port Inactive: port=%[port]d	11301	VLAG port is now inactive	LACP	
stp_trunk_port_event	STP Trunk Port Event: port=%[port]d trunk=%[trunk]d include=%[include]d	11306	STP Trunk Port Event on Port	STP	
port_starting_down	STP Starting Port Down: port=%[port]d trunk=%[trunk]d flag=%[flags]	11307	Starting Port Down Handler	STP	
send_bpdu_failure	STP BPDU Transmit Failed: port=%[port]d vlan=%[vlan]d	11308	STP was not enabled to send PVST.	STP	
mac_ip_denied	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
stp_edge_port	STP Edge Port: port=%[port]d oper=%[value]s	11310	The given stp port will operate in edge port mode	STP	
stp_edge_delay_timer_expired	STP Edge Delay Timer Expired: port=%[port]d vlan=%[vlan]d	11311	Edge delay timer expired for STP instance.	STP	
stp_migration_delay_timer_expired	STP Migration Delay Timer Expired: port=%[port]d vlan=%[vlan]d	11312	Migration delay timer expired for STP instance.	STP	
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	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
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	
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	
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	
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	
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	
stp_invalid_bridge_priority	STP invalid Bridge Priority Received: port=%[port]d vlan=%[vlan]d priority=%[priority]d	11320	Received stp bridge priority is invalid.	STP	
stp_bpdu_guard_activated	STP BPDU Guard Activated: port=%[port]d vlan=%[vlan]d	11321	BPDU guard activated on port.	STP	
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	
lacp_timer_status	LACP Port Time Status: %[port]d %[status]s	11323	Port LACP timer status.	STP	
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	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
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	
mld_v2_record	MLD V2 Record: port=%[port]d vlan=%[vlan]d group=%[group]s server=%[server]s type=%[type]s	11333	MLD snooping is processing a V2 record.	MLD	
mld_add_sources_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	
mld_add_host_failed	MLD Add Host Failed: vlan=%[vlan]d group=%[group]s host=%[host]s	11335	MLD snooping add host failed.	MLD	
mld_remove_host_failed	MLD Remove Host Failed: vlan=%[vlan]d group=%[group]s host=%[host]	11336	MLD snooping remove host failed.	MLD	
mld_remove_sources_failed	MLD Sources Remove Failed: vlan=%[vlan]d group=%[group]s host=%[host]s	11337	MLD snooping removal of sources failed.	MLD	
mld_v2_report	MLD V2 Report: port=%[port]d vlan=%[vlan]d server=%[server]s numrec=%[type]d	11338	MLD snooping is processing a V2 report.	MLD	
mld_drop_packet	MLD dropping packet: port=%[port]d vlan=%[vlan]d igmp-type=%[type]x	11339	MLD snooping is dropped a packet.	MLD	
mld_ignore_packet	MLD ignoring packet: port=%[port]d vlan=%[vlan]d igmp-type=%[type]x	11340	MLD snooping is ignoring received MLD packet	MLD	
mroute_init	MROUTE init: vrouter=%[vrouter]s	11347	mrouter initialize - PIM multicast router has started.	mroute	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
mroute_done	MROUTE done: vrouter=%[vrouter]s	11348	mrouter done - pim multicast router has stopped.	mroute	
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	
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	
mroute_delete_vif	MROUTE Delete Interface: vrouter=%[vrouter]s vif=%[vif]s index=%[index]d	11351	mrouter deletes VIF interface.	mroute	
mroute_flush_vif	MROUTE Interface Flush Cache Entry: vrouter=%[vrouter]s interface=%[interface]s	11352	mrouter flushing multicast cache entries associated with interface.	mroute	
mroute_delete_mfc	MROUTE Deleting Cache Entry: vrouter=%[vrouter]s source=%[source]s group=%[group]s iif=%[iif]s	11353	mrouter deleting multicast cache entry.	mroute	
mroute_flush_vif	MROUTE Interface Flush Cache Entry: vrouter=%[vrouter]s interface=%[interface]s	11354	mrouter flushing multicast cache entries associated with interface.	mroute	
mroute_flush_mfc	MROUTE All Flush Cache Entry: vrouter=%[vrouter]s	11355	mrouter flushing all multicast cache entries.	mroute	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
mroute_sg_count	MROUTE SG Conunt: vrouter=%[vrouter]s source=%[source]s group=%[group]s vlan=%[vlan]d iif=%[iif]s active=%[active]d	11356	mrouter get status for forwarding cache entry.	mroute	
mroute_mrtentry_add	MROUTE MRTentry Add: vrouter=%[vrouter]s source=%[source]s group=%[group]s iif=%[iif]d oifs=%[oifs]x upstream=%[upstream]s flags=%[flags]x	11357	mrouter adding either S,G or *,G multicast routing entry.	mroute	
mroute_mrtentry_delete	MROUTE MRTentry Delete: vrouter=%[vrouter]s source=%[source]s group=%[group]s	11358	mrouter deleting either S,G or *,G multicast routing entry.	mroute	
mroute_mrtentry_update	MROUTE MRTentry 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	
mroute_mrtentry_flush	MROUTE MRTentry Flush: vrouter=%[vrouter]s	11360	mrouter flushing all multicast routes.	mroute	
mroute_pim_neighbor_add	MROUTE PIM Neighbor Add: vrouter=%[vrouter]s local=%[local]s neighbor=%[neighbor]s	11361	mrouter adding pim neighbor.	mroute	
mroute_pim_neighbor_delete	MROUTE PIM Neighbor Delete: vrouter=%[vrouter]s local=%[local]s neighbor=%[neighbor]s	11362	mrouter deleting pim neighbor.	mroute	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
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	
mroute_igmp_group_delete	MROUTE IGMP Group Delete: vrouter=%[vrouter]s vif=%[vif]s group=%[group]s	11364	mrouter deleting IGMP group on interface.	mroute	
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	
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	
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	
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	
l3_delete	l3 entry deleted: caller=%[caller]s reason=%[reason]s ip=%[ip]I vlan=%[vlan]d vxlan=%[vxlan]d	11375	layer 3 (ip) entry deleted		
tacacs_missing_role	server=%[server]s user=%[user]s: No role or priv-lvl in authorization response	11417	role missing from TACACS+ shell authorization response	tacacs	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
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	
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	
hog_port_violation	more than max=%[max]d hog hosts on port=%[port]d, redirecting all hosts from-cpu-queue=%[from_queue]s to-cpu-queue=%[to_queue]s	11420	Too many hog hosts on a port, moving all hosts from port to hog queue	system	
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	
err_disabled_recovery	Err-Disabled port has recovered: port=%[port]d.	11425	err-disabled port has recovered post timeout	port	
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	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
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	
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	
stp_root_guard_blocked	STP Root Guard Activated: port=%[port]d tried to become non-designated, moved to root inconsistent state (listening)	11429	root guard activated on port, moved to root inconsistent state (listening)	STP	
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	
lACP_port_event_up	Port LACP Up for port=%[port]d	11500	LACP port is up	lACP-port-event	
lACP_port_event_down	Port LACP Down for port=%[port]d	11501	LACP port is down	lACP-port-event	
lACP_port_event_expired	Port LACP Expired for port=%[port]d	11502	LACP port is expired	lACP-port-event	
lACP_port_event_defaulted	Port LACP Defaulted for port=%[port]d	11503	LACP port is defaulted	lACP-port-event	
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	
lACP_port_event_rx	Port LACP PDU received for port=%[port]d	11507	LACP port received PDU	STP	
lACP_port_event_tx	Port LACP PDU transmit for port=%[port]d	11508	LACP port transmit PDU	lACP-port-event	
openflow_incorrect_configuration	Openflow service configuration <i>error-string</i>	40000	Incorrect Openflow service configuration.	Openflow	

Table 1: Event Log Messages

Identifier	Message	Code	Description	Type	VNET
openflow_protocol_err	Openflow protocol error <i>type: msg</i>	40001	Openflow protocol error.	Openflow.	
openflow_invalid_protocol_header	Openflow invalid protocol header <i>error</i>	40002	Openflow invalid protocol header.	Openflow	
openflow_controller_err	Openflow controller <i>ipaddr: error</i>	40004	Openflow controller communication	Openflow	
openflow_nvOS_err	Openflow nvOS error <i>command: error-id</i>	40005	Openflow nvOS errors	Openflow	
openflow_nvOS_res	Openflow nvOS error <i>command: res</i>	40006	Openflow nvOS errors	Openflow	
openflow_controller_status	Openflow controller <i>ipaddr: status</i>	40007	Openflow controller communication	Openflow	

System Log Messages

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
syslog_send_failed	Failed to send log message to syslog server <i>server(s) 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
event_repeats	Last %[msgs]d message(s) repeated %[times]d time(s)	20003	Compress repeated messages.	Note
audit_repeats	Last %[msgs]d message(s) repeated %[times]d time(s)	20004	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.	Error
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	yslog export log messages to syslog server=%[server]s getting delayed	20009	Syslog export message(s) to tcp/tls server delayed.	Error
mon_start	nvOS_mon startup	30000	Monitoring starting.	Note
mon_exit	Exiting because <i>reason(s)</i>	30001	Monitoring exiting for various reasons.	Warn
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

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
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 name(s), pid <i>pid(d)</i> , ip	30013	User authorization failed.	Note
mon_keepalive_hung	nvOS_mon is possibly stuck ! %[action]s	30014	nvOS_mon keepalive_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_higher_than_seventy	Memory usage higher than 70 percent detected	30018	Memory usage higher than 70 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 overtemp.	31005	Fans are not working properly on the server-switch.	Critical

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
fanmon_change_speed	Current temp is <i>temp</i> C, changing fans to speed <i>speed</i> RPM	31006	Fans are changing speeds to cool the system.	
smf_nvOSd_start	smf starting nvOS	31007	nvOS starting.	Note
smf_nvOSd_stop	smf stopping nvOS	31008	nvOS stopping.	Note
openstack_error	Openstack error: %[name]s: %[func]s - %[err]s	31009	Openstack errors on the nvOS CLI	
openstack_informational	Openstack info: %[name]s: %[func]s - %[info]s	31010	Openstack informational messages	
hw_route_prec0_detected	F64 count=%[count]d hardware routes with invalid precedence detected	31011	Aquila hardware route with invalid precedence detected	Critical
fanmon_ipmitool_read	unexpected ipmitool output %[lines]s	31012	fan monitor: ipmitool returned insufficient information	Note
ipsla_unreachable	%[name]s: %[msg]s - %[route_info]s	31013	IPSLA: linktrack ip is unreachable	Note
ipsla_reachable	%[name]s: %[msg]s - %[route_info]s	31014	IPSLA: linktrack ip is reachable	Note
fanmon_fan_info	Current temp %[temp]d Current speed %[rpm]d RPM	31015	Show current temperature and Fan Speed setting info	Note
upgrade_error	%[name]s: %[func]s - %[err]s	30201	Software Upgrade errors	Warn
upgrade_informational	%[name]s: %[func]s - %[info]s	30201	Software Upgrade informational messages	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

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
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
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): 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): error-mgs</i>	11014	Failed to restart nvOSd	Critical
nvOSd_init_failed	nvOSd failed to start: <i>feature(s): error-mgs</i>	11015	nvOSd was unable to start.	Critical
loop_detected	LOOP: <i>mac(s) vlan(s)</i> was on <i>port_type(s) old_port-id ((ip(s))</i> , now <i>new_port-id ((new_ip(s))</i>	11016	Detected an L2 loop.	Note
mac_moved	MOVING MAC <i>mac(s)</i> , from <i>old_port_type(s) old_port-id (old_ip(s)) new_port_type(s) new_port-id (new_ip(s))</i>	11017	MAC moved from one port to another.	Note
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 unjoined a fabric.	Note

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
config_imported	Imported configuration from <i>file(s)</i> .	11021	Imported a new configuration.	Note
stp_port_state	STP Port State Change: port= <i>port-id</i> vlan= <i>vlan-id</i> state= <i>state(s)</i>	11026	Port changed STP state.	Note
stp_port_fast	STP Port Fast: port=%[port]d	11027	The given stp port will operate in port fast mode	
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: vlan= <i>vlan-id</i>	11029	Unable to create the Spanning Tree for default VLAN.	Critical
stp_flow	STP Failed to install flow(s) fpr 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: vlan= <i>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: port= <i>port</i> vlan= <i>vlan-id</i> trunk= <i>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 <i>flow(s)</i> .	11048	igmp was unable to add a flow for IGMP packet processing.	Warn
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

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
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 failed.	11077	System reboot initiated by nvOSd failed.	Warn
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_evp_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

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
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
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 an error message	11211	The update server sent an error message.	Warn
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] 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

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
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 port=%[new_port]d ip=%[new_ip]I [%caller]s	11330	MAC moved from a port to another switch	Note
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
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

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
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 stopped looping on host-port=%[port]d vlan=%[vlan]d	11381	loop on host port is no longer happening	Note
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
stp_mst_port_state	STP Port State Change: port=%[port]d instance=%[instance]d: %[old_state]s -> %[state]s	11383	port changed stp state	
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

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
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
stp_port_modified	STP port modified	11394	STP port has been modified	
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_rcv	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	i11398	Disabling IGMP on vlan	note
igmp_enabled	Enabling IGMP on vlan: vlan=%[vlan]d	11399	Enabling IGMP on vlan	note
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

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
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_fail	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 TACACS+ authorization disabled due to repeated server errors	11414	Repeated TACACS+ server errors. TACACS+ authorization disabled	Critical
tacacs_server_ok	TACACS+ server has recovered from errors. TACACS+ Authorization enabled	11415	server=%[server]s TACACS+ authorization enabled due to server errors resolved	Note
dhcp_untrusted_msg	received DHCP server message from an untrusted portreceived DHCP server message from an untrusted port	11416	DHCP server message received from untrusted port=%[port]d server-ip=%[ip]l	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	new node replacing offline node with the same location id	11423	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	note

Table 1: System Log Message

Identifier	Message	Code	Description	Severity
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
ipv6_raguard_ra_port_drop	Dropping RA from vlan=%[vlan]d. %[msg]s	11505	Drop RA packet from vlan according to RA Guard Policy	Warn
syscall_failed_critical	<i>feature(s) syscall(s) failed: error(s)</i>	40003	A system call failed.	Critical