



System Messages and Recovery Procedures for the Cisco Virtual Ethernet Module

This chapter includes the system messages for the Cisco Virtual Ethernet Module (VEM). The messages are listed in alphabetical order by the system facility that produces them. Within each system facility section, messages are listed alphabetically by mnemonics. Each system message is followed by an explanation and a recommended action.

ERSPAN VEM

This section contains the ERSPAN VEM messages.

ERSPAN-VEM

Error Message 5, ERSPAN-VEM, L3Control/ERSPAN: module %d vmknic created with ip address: %s\n

Explanation L3Control/ERSPAN: Module vmknic is created with the given ip -address.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 5, ERSPAN-VEM, L3Control/ERSPAN: module %d vmknic removed

Explanation L3Control/ERSPAN: Module vmknic has been removed

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 5, ERSPAN-VEM, L3Control/ERSPAN: module %d vmknic ip address modified %s

Explanation L3Control/ERSPAN: Module vmknic's ip address is modified to the one showed in the syslog

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

PVLAN VEM

This section contains the PVLAN VEM messages.

PVLAN-VEM

Error Message 1, if_bridge_rt, %s: ALERT : Emergency aging failed. Possible DOS attack

Explanation Unable to age any entry. Emergency aging faied.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, PVLAN-VEM, Non-Static PVLAN MAC entry -- %02x%02x:%02x%02x:%02x%02x, please shut/no shut the Veth.

Explanation Non-Static PVLAN MAC entry.

Recommended Action When user sees this warning message, user should do a shut/no shut on the veth that has the indicated MAC address.

Error Message 4, PVLAN-VEM, %s Non-Static PVLAN MAC entry.

Explanation Non-Static PVLAN MAC entry.

Recommended Action When user sees this warning message, user should do a shut/no shut on the veth that has the indicated MAC address.

SVS QoS Messages

This section contains the SVS QOS messages.

ipqos-vem

Error Message 1, ipqos-vem, function %s Bandwidth change did not take effect for intf %s, Class ID %d. Please revert and reapply the bandwidth/queue-limit change, __FUNCTION__, (port_entry)?port_entry->ifname:unknown,sf_qos_q_misconfig_1 classid.

Explanation When VEM is in offline mode, if the bandwidth or queue-limit parameters are modified, they will not take effect.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, ipqos-vem, Cannot configure service policy with total bw %llu, bw.

Explanation Cannot apply the queueing policy as the total bandwidth exceeds 100%. Validate the service-policy configuration to ensure bandwidth percentage for all the class-maps within the policy do not exceed 100.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, ipqos-vem, function %s. Couldn't find classmap %d. Explanation: Could not find the corresponding class map node in the local datapath tables.

Explanation The system has detected an error.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, ipqos-vem, function %s Couldn't allocate %d filter countersExplanation: Could not allocate enough memory to save this data structure. Possibly system running out of memory.

Explanation The system has detected an error.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, ipqos-vem, Cannot allocate policy id %d,policy_id policy

Explanation QOS policy cannot be allocated for the given policy id.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, ipqos-vem, Cannot allocate policy node. node id %d\n,node_id

Explanation Policy node cannot be allocated for the given node id.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, ipqos-vem, function %s Classmap in the policy not found %d, __FUNCTION__, policy->class_list[i].u.lclassid

Explanation The system has detected an error

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, ipqos-vem, Couldn't create queue ltl %d classid %d

Explanation Could not create queue.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, ipqos-vem, Couldn't create queue pc_ltl %d member: %d classid %d

Explanation Could not create queue.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, ipqos-vem, alloc pinst - Out of memory - failed to allocate pinst policy id %d, (uint32)pinst->policyid

Explanation Failed to allocate memory for the specific node. The system possibly is running out of free memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, ipqos-vem, function %s Pinst doesn't have counters.

Explanation Could not find the stats counters for the specific pinst.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, ipqos-vem, function %s Policy not found for table ref %d.

Explanation Could not find the corresponding policy in the datapath tables for the stats request.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, ipqos-vem, function %s Unable to add respool classid:
%d, __FUNCTION__ , id

Explanation Failed to add a respools class ID

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, ipqos-vem, function %s Unable to create respools for
queueing, __FUNCTION__

Explanation Failed to create respools for queueing

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

QoS Agent

Error Message QoS Agent: Add policy inst failed Trying to apply nonexisting id %u [%d], (unsigned)policy_id, session->tbl_id.

Explanation iFailed to get the local policy id for this session for the corresponding global policy id. This session will fail.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message QoS Agent : add pinst - Out of Memory.

Explanation Failed to allocate memory for the specific node. The system possibly running out of free memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message QoS Agent: Configured QoS stats exceed limit that can be retrieved (%d), required_memory.

Explanation Memory required for the stats request exceeds the max limit.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message QoS Agent: Failed to find an entry for global to local policy id.

Explanation Cannot create this service policy as it exceeds the maximum limit for the number of policies per vem.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message QoS Agent: Failed to get a free entry for global to local class id. Hit the max limit on number of classmaps/policers per VEM.

Explanation Cannot create this service policy as it exceeds the maximum limit for the number of nodes per vem.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message QoS Agent: Failed to get a free entry for global to local policy id. Hit the max limit on number of policies per VEM.

Explanation Cannot create this service policy as it exceeds the maximum limit for the number of policies supported per vem.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message QoS Agent: Only one queuing policy instance (per VEM) is supported.
Explanation: Cannot configure more than one queuing policy on the VEM.

Explanation The system has detected an error.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

QoS Failure

Error Message QoS Failure: Queuing policy can only be installed on a ESX/ESXi 4.1.0 host.

Explanation A queuing policy can only be applied to a ESX/ESXi 4.1.0 host. Error is due to policy being applied on a 4.1.0 ESX/ESXi host.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

SYSLOGDOC_NO_DDTS Messages

NW_STATE_TRACKING_INTERFACE_ACTIVE

Error Message 5, NW_STATE_TRACKING_VLAN_CHANGE, Tracking vlan for port-channel %s is set to %d.

Explanation Tracking change of vlan for the port channel name.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 5, NW_STATE_TRACKING_INTERFACE_CHANGE, Tracking interface for port-channel %s, sub-group %d is set to %s.

Explanation Tracking change of interface for the port channel name.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

NW_STATE_TRACKING_INTERFACE_INACTIVE

Error Message 1, NW_STATE_TRACKING_INTERFACE_INACTIVE, Interface %s mapped to sg-id %d of port-channel %s has been in-activated as the ingress traffic counters were unchanged during current split-network mode.

Explanation The interface identified in the syslog have failed to receive any traffic for the past threshold time. The threshold time is based on the configured tracking threshold and tracking frequency. This combined with `NW_STATE_TRACKING_SPLIT_DETECTED` indicates a problem related to configuration or hardware/driver failure along the network path.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 1, NW_STATE_TRACKING_SPLIT_DETECTED, Split-network detected in port-channel %s using network-state tracking mechanism on vlan %d.

Explanation The tracking packets sent through the interfaces belonging to the vPC-HM port channel on tracking vlan are not being received back from the network indicating a split in the network. This could possibly be a configuration problem or a hardware problem somewhere along the network path.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 5, NW_STATE_TRACKING_INTERFACE_ACTIVE, Interface %s mapped to sg-id %d of port-channel %s has been activated again.

Explanation The interface mentioned in the syslog are properly forwarding the traffic.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 5, NW_STATE_TRACKING_RECOVERY_DETECTED, Split-network recovery detected in port-channel %s using network-state tracking mechanism on vlan %d.

Explanation The tracking packets are looping back to the port channel from the network indicating the recovery in the earlier detected network split.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

SFACL

Error Message 3, sfacl, Unable to add ACL policy id %d number of rules %d

Explanation Unable to add ACL policy id number of rules.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, sfacl, Error in getting stat id for acl id %d

Explanation Stat id could not be retrieved for specified ACL id.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, sfacl, Unable to add statistics entry stats id %d global stats id %d ACL id %d

Explanation Statistics could not be added.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, sfacl, Cannot allocate ACL pinst\n ,ses_id %u acl_id %u ltl %u

Explanation ACL pinst could not be allocated.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, sfacl, Allocating PACL failed pacl acl_id %u ltl %u dir %u

Explanation PACL could not be allocated.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, sfacl, Del ACL pinst cannot alloc pinst acl id %d ltl %d dir %d

Explanation Cannot allocate Del ACL pinst

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, sfacl, ACL id %d corresponding to this pinst is NULL!

Explanation ACL id is NULL

Explanation Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, sfacl, Unable to get pacl acl id %d ltl %d dir %d

Explanation Unable to get pacl acl id

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, sfacl, pacl doesn't exist acl id %d ltl %d dir %d

Explanation PACL does not exist

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

SF Port

Error Message 1, sfport, Removing Uplink Port %s (ltl %d), when vmknic %s (ltl %d) is pinned to this port for iSCSI Multipathing.

Explanation This syslog says that an uplink, to which iSCSI vmknic is pinned, is being removed. iSCSI will continue to work as long as there is another uplink carrying the same VLAN.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

SFS Switch Data

Error Message 1, sfswitchdata, L3 Control and System VLAN configurations not applied on vethernet port. VMware Port[%d] DVPortGroup[%s]. L3 Control can be applied only on VMKernel port.

Explanation This is a warning that L3 control portgroup is being applied on a non-vmknic port. This configuration is ignored.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

SFVXLAN

Error Message 1, sfvxlan, Blocking Non VMKNIC port Veth%d with capability vxlan

Explanation Blocking non VMKNIC port veth with capability vxlan.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

VSS Net

Error Message 1, vssnet, %s: connect - Cannot add uplink %d. Max number of uplinks(%d) exceeded.

Explanation Max #uplinks (32) have been exceeded.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 1, vssnet, %s: connect - Cannot add virtual port %d. Max number of veths(%d) exceeded.

Explanation Max #veths (216) have been exceeded.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 1, vssnet, %s: Failed setting MTU for VMW port with portID %d.\n.

Explanation Failed setting MTU on uplink port.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 5, vssnet, L3Control/ERSPAN: module %d vmknic created with ip address: %s

Explanation A new L3Control/ERSPAN capable VMKNic is detected on the specified module, with the specified IP address. Recommended Action: No action.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 5, vssnet, L3Control/ERSPAN: module %d vmknic ip address modified %s

Explanation IP address of an L3Control/ERSPAN capable VMKNic is changed on the specified module. Recommended Action: No action.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 5, vssnet, L3Control/ERSPAN: module %d vmknic removed

Explanation A L3Control/ERSPAN capable VMKNic is removed from the specified module. Recommended Action: If there is an L3Control or ERSPAN configuration on this module, a new VMKNic must be created for proper functioning.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message 3, "vssnet", PSEC/DIS_LOOP_DETECT: Veth%d: PSEC config is not supported when 'disable-loop-detect' is applied.

Explanation PSEC configuration is not supported when disable-loop-detect is applied.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, vssnet, PVLAN/DIS_MAC_AUTO_LEARN: Veth%d: PVLAN config is not supported when 'mac auto-static-learn' is disabled.

Explanation PVLAN configuration is not supported when mac auto-static-learn is disabled.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, vssnet, PVLAN/DIS_LOOP_DETECT: Veth%d: PVLAN config is not supported when 'disable-loop-detect' is applied.

Explanation PVLAN configuration is not supported when disable-loop-detect is applied.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>

Error Message 3, vssnet, UUFB/DIS_MAC_AUTO_LEARN: Veth%d: UUFB config is not supported when 'mac auto-static-learn' is disabled.

Explanation UUFB configuration is not supported when mac auto-static-learn is disabled.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>