

Syslog Messages 776201 to 8300006

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Messages 776201 to 780004

This section includes messages from 776201 to 780004.

776201

Error Message `%ASA-4-776201: CTS Env: PAC for Server IP_address, A-ID PAC_issuer_name will expire in number days`

Explanation A CTS PAC is nearing its expiration date.

Recommended Action Obtain a new PAC and import it.

776202

Error Message `%ASA-3-776202: CTS Env: PAC for Server IP_address, A-ID PAC_issuer_name has expired`

Explanation A CTS PAC has expired.

Recommended Action Obtain a new PAC and import it.

776203

Error Message `%ASA-3-776203: CTS Env: Unable to retrieve data from source_type: source, reason`

Explanation The ASA was unable to retrieve the CTS environment data and SGT name table for one of the following reasons:

- • PAC has expired

- PAC data not available
- Error response from ISE
- Unable to retrieve server secret from the PAC
- Database error
- Invalid SG info value received
- Unable to add SG tag to database
- Error closing database
- Database update aborted

Recommended Action If this message persists, contact the Cisco TAC for assistance.

776204

Error Message `%ASA-3-776204: CTS Env: Data from source has expired, policies based on security-group names are enforced using old mappings`

Explanation The CTS environment data and SGT name table have expired, which is likely to occur after unresolved environment data retrieval failures have occurred.

Recommended Action If this message persists, contact the Cisco TAC for assistance.

776251

Error Message `%ASA-6-776251: CTS SGT-MAP: Binding binding IP->SGname from SGT added to binding manager.`

Explanation Binding from the specified source was added to the binding manager.

- *binding IP* —IPv4 or IPv6 binding address.
- *SGname* (*SGT*)—Binding SGT information. Has the following format if SGname is available: *SGname* (*SGT*) and the following format if SGname is unavailable: *SGT*.
- *source name* —Name of the contributing source.

Recommended Action None required.

776252

Error Message `%ASA-5-776252: CTS SGT-MAP: Binding binding IP->SGname from SGT deleted from binding manager.`

Explanation Binding from the specified source was deleted from the binding manager.

Binding from the specified source was added to the binding manager.

- *binding IP* —IPv4 or IPv6 binding address.
- *SGname* (*SGT*)—Binding SGT information. Has the following format if SGname is available: *SGname* (*SGT*) and the following format if SGname is unavailable: *SGT*.
- *source name* —Name of the contributing source.

Recommended Action None required.

776253

Error Message `%ASA-6-776253: CTS SGT-MAP: Binding binding IP->new from SGname changed from old sgt: SGT from old sourcenew source name`

Explanation A particular IP to SGT binding has changed in the binding manager.

- *binding IP* —IPv4 or IPv6 binding address.
- *new SGname* (*SGT*)—New binding SGT information. Has the following format if SGname is available: *SGname* (*SGT*) and the following format if SGname is unavailable: *SGT*.
- *new source name* —Name of the new contributing source.
- *old SGname* (*SGT*)—Old binding SGT information. Has the following format if SGname is available: *SGname* (*SGT*) and the following format if SGname is unavailable: *SGT*.
- *old source name* —Name of the old contributing source.

Recommended Action None required.

776254

Error Message `%ASA-3-776254: CTS SGT-MAP: Binding manager unable to action binding binding IP->SGname from SGT.`

Explanation The binding manager cannot insert, delete, or update the binding

- *action*— Binding manager operation. Either insert, delete or update.
- *binding IP* —IPv4 or IPv6 binding address.
- *SGname* (*SGT*)—Binding SGT information. Has the following format if SGname is available: *SGname* (*SGT*) and the following format if SGname is unavailable: *SGT*.
- *source name* —Name of the contributing source.

Recommended Action Contact the Cisco TAC for assistance.

776301

Error Message `%ASA-7-776301: CTS Policy: Security-group tag sgt is mapped to security-group name "sgname"`

Explanation The security group tag referenced in the policy is known and the lookup in the security group table is successful. As a result, the tag name mapping is derived.

- *sgt* —Security group tag referenced in the policy
- *sgname* —Security group name mapping derived from the table

Recommended Action None required.

776302

Error Message `%ASA-7-776302: CTS Policy: Unknown security-group tag sgt referenced in policies`

Explanation The security group tag referenced in the policy was unknown and the lookup in the security group table failed. However, the policy referencing the tag can still be enforced.

- *sgt* —Security group tag referenced in the policy

Recommended Action Check to see if the security group tag exists in the ISE. If the tag exists, it will become known after the next refresh. If the tag does not exist in the ISE, consider removing all associated policies on the ASA.

776303

Error Message `%ASA-6-776303: CTS Policy: Security-group name "sgname" is resolved to security-group tag sgt`

Explanation The securitygroup name referenced in the policy was resolved and the lookup in the security group table was successful. As a result, the tag derived from the table is used for policy enforcement.

- *sgname* —Security group name referenced in the policy
- *sgt* —Security group tag mapping derived from the table

Recommended Action None required.

776304

Error Message `%ASA-4-776304: CTS Policy: Unresolved security-group name "sgname" referenced, policies based on this name will be inactive`

Explanation The securitygroup name referenced in the policy cannot be resolved to a tag and the lookup in the security group table failed. AS a result, the policy referencing the name is inactive, but remains in the configuration.

- *sgname* —Security group name referenced in the policy

Recommended Action Check to see if the security group name exists in the ISE. If the name exists, the table can be refreshed so the name gets resolved and policies can be enforced. If the name does not exist in the ISE, consider removing all associated policies on the ASA.

776305

Error Message `%ASA-4-776305: CTS Policy: Security-group table cleared, all polices referencing security-group names will be deactivated`

Explanation The security group table downloaded from the ISE is cleared on the ASA and policies based on security group tags continue to be enforced. However, policies based on names become inactive, but remain in the configuration.

Recommended Action Refresh the security group table on the ASA so all policies based on security group names can be enforced.

776307

Error Message `%ASA-7-776307: CTS Policy: Security-group name for security-group tag sgt renamed from "old_sgname" to "new_sgname"`

Explanation In the newly downloaded security group table on the ASA, a change in the security group name for a security group tag was detected; however, there was no change in policy status.

- *sgt* —Security group tag referenced in the policy
- *old_sgname* —Old security group name

- *new_sgname* —New security group name

Recommended Action None required.

776308

Error Message `%ASA-7-776308: CTS Policy: Previously unknown security-group tag sgt is now mapped to security-group name "sgname"`

Explanation In the newly downloaded security group table on the ASA, a previously unknown security group tag was found in the table; however, there was no change in policy status.

- *sgt* —Security group tag referenced in the policy
- *sgname* —Security group name derived from the new security group table

Recommended Action None required.

776309

Error Message `%ASA-5-776309: CTS Policy: Previously known security-group tag sgt is now unknown`

Explanation In the newly downloaded security group table on the ASA, a previously known security group tag no longer exists. There is no change in policy status, and the policy can still be enforced.

- *sgt* —Security group tag referenced in the policy

Recommended Action If the security group tag does not exist in the new table, the security group has been removed in the ISE. Consider removing all policies that reference the tag.

776310

Error Message `%ASA-5-776310: CTS Policy: Security-group name "sgname" remapped from security-group tag old_sgt to new_sgt`

Explanation In the newly downloaded security group table on the ASA, a change in the security group tag for a security group name was detected. All policies referencing the name are updated to reflect the new tag, and policies are enforced based on the new tag.

- *sgname* —Security group name referenced in the policy
- *old_sgt* —Old security group tag
- *new_sgt* —New security group tag

Recommended Action Because of the change in tag value, make sure that the configured policies are still accurate.

776311

Error Message `%ASA-6-776311: CTS Policy: Previously unresolved security-group name "sgname" is now resolved to security-group tag sgt`

Explanation In the newly downloaded security group table on the ASA, a previously unresolved security group name was resolved to a tag, and the new tag can be used to enforce policies.

- *sgname* —Security group name referenced in the policy
- *sgt* —Security group tag derived from the new security group table

Recommended Action None required.

776312

Error Message `%ASA-4-776312: CTS Policy: Previously resolved security-group name "sgname" is now unresolved, policies based on this name will be deactivated`

Explanation In the newly downloaded security group table on the ASA, a previously resolved security group name no longer exists. As a result, all policies based on this security group name become inactive, but remain in the configuration.

- *sgname* —Security group name referenced in the policy

Recommended Action If the security group name does not exist in the new table, the security group has been removed in the ISE. Check the policy configuration on the ASA, consider removing policies referencing the name.

776313

Error Message `%ASA-3-776313: CTS Policy: Failure to update policies for security-group "sgname"->sgt`

Explanation An error was encountered in updating the policies. Policy enforcement will continue based on old tag values and is no longer accurate.

- *sgname* —Security group name that has a change in tag value
- *sgt* —New security group tag value

Recommended Action To reflect the correct tag value, remove all policies referencing the security group name and reapply them. If the error persists, contact the Cisco TAC for assistance.

778001

Error Message `%ASA-6-778001: VXLAN: Packet was discarded with invalid segment-id segment_id for protocol from ifc_name:ip_address/port to ip_address/port`

Explanation The Secure Firewall ASA tries to create an inner connection for a VXLAN packet, but the VXLAN packet has an invalid segment ID.

Recommended Action None required.

778002

Error Message `%ASA-6-778002: VXLAN: There is no VNI interface for segment-id. Packet was discarded segment_id`

Explanation A decapsulated ingress VXLAN packet is discarded, because the segment ID in the VXLAN header does not match the segment ID of any VNI interface configured on the Secure Firewall ASA.

Recommended Action None required.

778003

Error Message `%ASA-6-778003: VXLAN: Invalid VXLAN segment-id segment-id for protocol from ifc-name :(IP-address/port) to ifc-name :(IP-address/port) in FP.`

Explanation The Secure Firewall ASA Fast Path sees a VXLAN packet with an invalid segment ID.

Recommended Action Check the VNI interface segment ID configurations to see if the dropped packet has the VXLAN segment ID that does not match any VNI segment ID configuration.

778004

Error Message `%ASA-6-778004: VXLAN: Invalid VXLAN header for protocol from ifc-name :(IP-address/port) to ifc-name :(IP-address/port) in FP.`

Explanation The Secure Firewall ASA VTEP sees a VXLAN packet with an invalid VXLAN header.

Recommended Action None required.

778005

Error Message `%ASA-6-778005: VXLAN: Packet with VXLAN segment-id segment-id from ifc-name is denied by FP L2 check.`

Explanation A VXLAN packet is denied by a Fast Path L2 check.

Recommended Action Check the VNI interface segment ID configurations to see if the dropped packet has the VXLAN segment ID that does not match any VNI segment ID configuration. Check to see if the STS table has an entry that matches the dropped packet's segment ID.

778006

Error Message `%ASA-6-778006: VXLAN: Invalid VXLAN UDP checksum from ifc-name :(IP-address/port) to ifc-name :(IP-address/port) in FP.`

Explanation The Secure Firewall ASA VTEP received a VXLAN packet with an invalid UDP checksum value.

Recommended Action None required.

778007

Error Message `%ASA-6-778007: VXLAN: Packet from ifc-name :IP-address/port to IP-address/port was discarded due to invalid NVE peer.`

Explanation The Secure Firewall ASA VTEP received a VXLAN packet from an IP address that is different from the configured NVE peer.

Recommended Action None required.

778008

Error Message `%ASA-6-778008: VXLAN: There is no VNI interface for segment-id. Packet was discarded`

Explanation The packet was discarded.

Recommended Action None required.

779001

Error Message `%ASA-6-779001: STS: Out-tag lookup failed for in-tag` *`segment-id`* `of` *`protocol`* `from` *`ifc-name`* `:`*`IP-address /port`* `to` *`IP-address /port`* `.`

Explanation The Secure Firewall ASA tries to create a connection for a VXLAN packet, but failed to use the STS lookup table to locate the out-tag for the in-tag (segment ID) in the VXLAN packet.

Recommended Action None required.

779002

Error Message `%ASA-6-779002: STS: STS and NAT locate different egress interface for segment-id` *`segment-id`*`,` *`protocol`* `from` *`ifc-name`*`:`*`IP-address`*`/`*`port`* `to` *`IP-address`*`/`*`port`*`. Packet was discarded`

Explanation The Secure Firewall ASA tries to create a connection for a VXLAN packet, but the STS lookup table and NAT policy locate a different egress interface.

Recommended Action None required.

779003

Error Message `%ASA-3-779003: STS: Failed to read tag-switching table -` *`reason`*

Explanation The Secure Firewall ASA tried to read the tag-switching table, but failed.

Recommended Action None required.

779004

Error Message `%ASA-3-779004: STS: Failed to write tag-switching table -` *`reason`*

Explanation The Secure Firewall ASA tried to write to the tag-switching table, but failed.

Recommended Action None required.

779005

Error Message `%ASA-3-779005: STS: Failed to parse tag-switching request from http -` *`reason`*

Explanation The Secure Firewall ASA tried to parse the HTTP request to see what to do on the tag-switching table, but failed.

Recommended Action None required.

779006

Error Message `%ASA-3-779006: STS: Failed to save tag-switching table to flash - reason`

Explanation The Secure Firewall ASA tried to save the tag-switching table to flash memory, but failed.

Recommended Action None required.

779007

Error Message `%ASA-3-779007: STS: Failed to replicate tag-switching table to peer - reason`

Explanation The Secure Firewall ASA attempts to replicate the tag-switching table to the failover standby unit or clustering data units, but failed to do so.

Recommended Action None required.

780001

Error Message `%ASA-6-780001: RULE ENGINE: Started compilation for access-group transaction - description of the transaction.`

Explanation The rule engine has started compilation for an access group transaction. The description of the transaction is the command line input of the access group itself.

Recommended Action None required.

780002

Error Message `%ASA-6-780002: RULE ENGINE: Finished compilation for access-group transaction - description of the transaction.`

Explanation The rule engine has finished compilation for a transaction. Taking access group as an example, the description of the transaction is the command line input of the access group itself.

Recommended Action None required.

780003

Error Message `%ASA-6-780003: RULE ENGINE: Started compilation for nat transaction - description_of_the_transaction.`

Explanation The rule engine has started compilation for a NAT transaction. The description of the transaction is the command line input of the **nat** command itself.

Recommended Action None required.

780004

Error Message `%ASA-6-780004: RULE ENGINE: Finished compilation for nat transaction - description_of_the_transaction.`

Explanation The rule engine has finished compilation for a NAT transaction. The description of the transaction is the command line input of the **nat** command itself.

Recommended Action None required.

785001

Error Message `%ASA-7-785001: Clustering: Ownership for existing flow from in_interface:src_ip_addr/src_port to out_interface:dest_ip_addr/dest_port moved from unit old-owner-unit-id at site old-site-id to unit new-owner-unit-id at site old-site-id due to reason`

Explanation This syslog is generated when clustering moved the flow from one unit in one site to another unit in another site in inter-DC environment. Reason must be whatever triggered the move, such as LISP notification.

Recommended Action Verify the flow status in the new unit at new site.

Messages 861001 to 861013

861001

Error Message `%ASA-3-861001: AVC: Creating AVC app directory directory_name failed; reason_string.`

Explanation The system could not create a directory for the AVC data.

Recommended Action Contact Cisco TAC.

861002

Error Message `%ASA-3-861002: AVC: Downloading file from link link to directory directory_name succeeded.`

Explanation The VDB download succeeded.

Recommended Action No action required.

861003

Error Message `%ASA-3-861003: AVC: Downloading file from link link to directory directory_name failed; reason_string.`

Explanation The VDB download failed because there was no route to the server.

Recommended Action Check your DNS configuration and routing table to ensure names can be resolved and a route exists.

861004

Error Message `%ASA-3-861004: AVC: Getting VDB version from file file failed; reason_string.`

Explanation The system downloads a version file to determine if there is a new VDB available for download. This file could not be found on the download server. The version file is likely corrupted and cannot extract the version number from the file.

Recommended Action Contact Cisco TAC.

861005

Error Message `%ASA-3-861005: AVC: Getting VDB file path from file file failed; reason_string.`

Explanation The system could not find the path to the VDB for download.

Recommended Action Contact Cisco TAC.

861006

Error Message `%ASA-3-861006: AVC: Getting VDB file name from file file failed; reason_string.`

Explanation The system could not find the VDB file name.

Recommended Action Contact Cisco TAC.

861007

Error Message `%ASA-6-861007: AVC: Loading network service (app) definition file (file) failed; reason_string.`

Explanation The system could not create network-service objects for the applications.

Recommended Action Try downloading the VDB again. If the problem persists, contact Cisco TAC.

861008

Error Message `%ASA-3-861008: AVC Loading network service (app) definition file (file) success.`

Explanation The system successfully created network-service objects for the applications.

Recommended Action No action required.

861009

Error Message `%ASA-6-861009: AVC: Loading app category definition file file failed; reason_string.`

Explanation The system could not open the application category definition file.

Recommended Action Try downloading the VDB again. If the problem persists, contact Cisco TAC.

861010

Error Message `%ASA-3-861010: AVC: Loading app category definition file warning; reason_string.`

Explanation The system could not find any application for the named category. If you are using this category in a policy, re-evaluate your rules and perhaps delete them, as they will not apply to any connections that use the application ID that is specified in the application category. The application likely has been obsoleted.

Recommended Action No action required.

861011

Error Message `%ASA-4-861011: AVC: Loading app category definition file file success.`

Explanation The system successfully loaded the application category definition file.

Recommended Action No action required.

861012

Error Message `%ASA-6-861012: AVC: Installing visibility NSG failed; error_string.`

Explanation The system could not create the application visibility network-service object group named _avc_visibility_nsg_, or there are errors adding member applications to the visibility NSG. The 'error_string' shows more detail about the error.

Recommended Action No action required.

861013

Error Message `%ASA-3-861013: AVC: Installing visibility NSG success.`

Explanation The system successfully created network-service object groups for the application categories.

Recommended Action No action required.

Messages 801001 to 880002 and 8300001 to 8300006

This section includes messages from 801001 to 880002 and 8300001 to 8300006.

801001

Error Message `%ASA-6-801001: Dropping UDP from address/port to address/port on interface interface_name.`

Explanation Dropping UDP.

Recommended Action None required.

801002

Error Message `%ASA-6-801002: Dropping TCP from address/port to address/port flags on interface interface_name`

Explanation Dropping TCP.

Recommended Action None required.

801003

Error Message `%ASA-6-801003: Dropping ICMP type=number, code=code from address to address on interface interface_name`

Explanation Dropping ICMP.

Recommended Action None required.

802005

Error Message `%ASA-6-802005: IP ip_address Received MDM request details`

Explanation A new MDM request has been received while the MDM proxy service is active.

Recommended Action None required.

802006

Error Message `%ASA-4-802006: IP ip_address MDM request details has been rejected: details`

Explanation An MDM request has been rejected by the device.

Recommended Action None required.

803001

Error Message `%ASA-6-803001: bypass is continuing after power up, no protection will be provided by the system for traffic over Interface`

Explanation Informational message to the user that the hardware bypass will be continued after bootup.

Recommended Action None required.

Error Message `%ASA-6-803001: bypass is continuing after power up, no protection will be provided by the system for traffic over GigabitEthernet 1/3-1/4`

Explanation Informational message to the user that the hardware bypass will be continued after bootup.

Recommended Action None required.

803002

Error Message `%ASA-6-803002: no protection will be provided by the system for traffic over Interface`

Explanation Informational message to the user that hardware bypass is manually enabled.

Recommended Action None required.

Error Message `%ASA-6-803002: no protection will be provided by the system for traffic over GigabitEthernet 1/3-1/4`

Explanation Informational message to the user that hardware bypass is manually enabled.

Recommended Action None required.

803003

Error Message `%ASA-6-803003: User disabled bypass manually on Interface`

Explanation Informational message to the user that hardware bypass is manually disabled.

Recommended Action None required.

Error Message `%ASA-6-803003: User disabled bypass manually on GigabitEthernet 1/3-1/4.`

Explanation Informational message to the user that hardware bypass is manually disabled.

Recommended Action None required.

804001

Error Message `%ASA-6-804001: Interface GigabitEthernet1/3 1000BaseSX SFP has been inserted`

Explanation Informational message to the user about the online insertion of the supported SFP module.

Recommended Action None required.

804002

Error Message `%ASA-6-804002: Interface GigabitEthernet1/3 SFP has been removed`

Explanation Informational message to the user about removal of the supported SFP module.

Recommended Action None required.

805001

Error Message `%ASA-6-805001: Offloaded conn Flow for connection conn_id from outside_ifc:outside_addr/outside_port (mapped_addr/mapped_port) to inside_ifc:inside_addr/inside_port (mapped_addr/mapped_port)`

Explanation Indicates flow is offloaded to the super-fast path.

Recommended Action None required.

805002

Error Message `%ASA-6-805002: conn Flow is no longer offloaded for connection conn_id from outside_ifc:outside_addr/outside_port (mapped_addr/mapped_port) to inside_ifc:inside_addr/inside_port (mapped_addr/mapped_port)`

Explanation Indicates flow offloading is disabled on a flow which was offloaded to the super-fast path.

Recommended Action None required.

805003

Error Message `%ASA-6-805003: TCP Flow could not be offloaded for connection conn_id from outside_ifc:outside_addr/outside_port (mapped_addr/mapped_port) to inside_ifc:inside_addr/inside_port (mapped_addr/mapped_port) reason`

Explanation Indicates flow could not be offloaded. For example, due to flow entry collision on the offload flow table.

Recommended Action None required.

806001

Error Message `%ASA-6-806001: Primary alarm CPU temperature is High temp`

Explanation The CPU has reached temperature over primary alarm temperature setting for high temperature and such alarm is enabled.

- temperature – Current CPU temperature (in Celsius).

Recommended Action Contact Administrator who configured this alarm on following actions.

806002

Error Message `%ASA-6-806002: Primary alarm for CPU high temperature is cleared`

Explanation The CPU temperature goes down to under primary alarm temperature setting for high temperature.

Recommended Action None required.

806003

Error Message `%ASA-6-806003: Primary alarm CPU temperature is Low temp`

Explanation The CPU has reached temperature under primary alarm temperature setting for low temperature and such alarm is enabled.

- temperature – Current CPU temperature (in Celsius).

Recommended Action Contact Administrator who configured this alarm on following actions.

806004

Error Message `%ASA-6-806004: Primary alarm for CPU Low temperature is cleared`

Explanation The CPU temperature goes up to over primary alarm temperature setting for low temperature.

Recommended Action None required.

806005

Error Message `%ASA-6-806005: Secondary alarm CPU temperature is High temp`

Explanation The CPU has reached temperature over secondary alarm temperature setting for high temperature and such alarm is enabled.

- temperature – Current CPU temperature (in Celsius).

Recommended Action Contact Administrator who configured this alarm on following actions.

806006

Error Message `%ASA-6-806006: Secondary alarm for CPU High temperature is cleared`

Explanation The CPU temperature goes down to under secondary alarm temperature setting for high temperature.

Recommended Action None required.

806007

Error Message `%ASA-6-806007: Secondary alarm CPU temperature is Low` *`temp`*

Explanation The CPU has reached temperature under secondary alarm temperature setting for low temperature and such alarm is enabled.

- temperature – Current CPU temperature (in Celsius).

Recommended Action Contact Administrator who configured this alarm on following actions.

806008

Error Message `%ASA-6-806008: Secondary alarm for CPU Low temperature is cleared`

Explanation The CPU temperature goes up to over secondary alarm temperature setting for low temperature.

Recommended Action None required.

806009

Error Message `%ASA-6-806009: Alarm asserted for ALARM_IN_1` *`description`*

Explanation Alarm input port 1 is triggered.

- description – Alarm description configured by user for this alarm input port.

Recommended Action Contact Administrator who configured this alarm on following actions.

806010

Error Message `%ASA-6-806010: Alarm cleared for ALARM_IN_1` *`description`*

Explanation Alarm input port 1 is cleared.

- description – Alarm description configured by user for this alarm input port.

Recommended Action None required.

806011

Error Message `%ASA-6-806011: Alarm asserted for ALARM_IN_2 description`

Explanation Alarm input port 2 is triggered.

- description – Alarm description configured by user for this alarm input port.

Recommended Action Contact Administrator who configured this alarm on following actions.

806012

Error Message `%ASA-6-806012: Alarm cleared for ALARM_IN_2 description`

Explanation Alarm input port 2 is cleared.

- description – Alarm description configured by user for this alarm input port.

Recommended Action None required.

812005

Error Message `%ASA-4-812005: Link-State-Propagation activated on inline-pair due to failure of interface interface-name bringing down pair interface interface-name`

Explanation This message is generated when the link state propagation is activated on the inline pair due to failure of an interface.

Recommended Action None.

812006

Error Message `%ASA-4-812006: Link-State-Propagation de-activated on inline-pair due to recovery of interface interface-name bringing up pair interface interface-name`

Explanation This message is generated when the link state propagation is deactivated on the inline pair due to recovery of failed interface.

Recommended Action None.

812007

Error Message `%ASA-6-812007: Inline-set hardware-bypass mode configuration status`

Explanation This message is generated when the state (succeeded or failed) of hardware and software bypass modes for the IPS inline interfaces changes.

Recommended Action None.

815002

Error Message `%ASA-2-815002: Denied packet, hard limit, hard_limit_value, for object-group search exceeded for UDP from source:source_IP_address/port to destination:destination_IP_address/port`

Explanation When object-group-search threshold (by default threshold is 10K) is configured in ASA, and if any OGS search crosses 10k limit, packets are dropped and this message is generated.

Recommended Action None.

815003

Error Message `%ASA-4-815003: Object-Group-Search threshold exceeded current value threshold (10000) for packet UDP from source IP address/port to destination IP address/port`

Explanation When object-group-search threshold is not configured in ASA, and if any OGS search crosses 10000 limit, packets are dropped and this message is generated.

Recommended Action None.

815004

Error Message `%ASA-7-815004: OGS: Packet protocol from source IP address/port to destination IP address/port matched number of source network objects source network objects and number of source network objects destination network objects total search entries total number of entries. Resultant key-set has number of entries entries`

Explanation This message is generated to provide a detailed information on the object group search entries:

- Source network object count
- Destination network object count
- Total search (product of source and destination count)
- Resultant Key-set value (to be queried in the ACL Lookup)

Recommended Action None.

840001

Error Message `%ASA-3-840001: Failed to create the backup for an IKEv2 session (Local:Local_IP:Local_port SPI:index, Remote:Remote_IP:Remote_port SPI:index)`

Explanation In the high-availability setup of distributed site-to-site VPN, an attempt to create a backup session is made when a IKEv2 session is established or when the cluster membership changes. However, the attempt may fail for reasons such as capacity limit. Hence this message is generated on the unit of a session owner whenever it is notified of failing to create a backup.

Recommended Action None.

850001

Error Message `%ASA-3-850001: SNORT ID (<snort-instance-id>/<snort-process-id>) Automatic-Application-Bypass due to delay of <delay>ms (threshold <AAB-threshold>ms) with <connection-info>`

Explanation The Automatic-Application-Bypass (AAB) event is triggered due to packet delay exceeding the AAB threshold.

Recommended Action Collect troubleshoot archive, snort core files and contact Cisco TAC.

850002

Error Message `%ASA-3-850002: SNORT ID (snort-instance-id/snort-process-id) Automatic-Application-Bypass due to SNORT not responding to traffic for timeout-delayms (threshold AAB-thresholdms)`

Explanation The Automatic-Application-Bypass (AAB) event is triggered due to SNORT not responding to traffics for a period exceeding the AAB threshold.

Recommended Action Collect troubleshoot archive, snort core files and contact Cisco TAC.

870001

Error Message `%ASA-4-870001: policy-route path-monitoring, remote peer interface_name:IP_Address reachable_status`

Explanation This message appears to display whether the interface on the policy based route identified through path monitoring is reacheable or not:

- *reacheable_status*—reacheable or unreacheable

Recommended Action None required.

880001

Error Message `%ASA-6-880001: Ingress ifc Ingress_interface, For traffic [source_ipaddress->destination_ipaddress], PBR picked outside_interface_1 as its metric-type metrics became better than outside_interface_2`

Explanation This message is generated whenever the interface chosen is different from previous while forwarding the traffic. Where, metric-types are jitter, cost, mos, packet loss, rtt.

Recommended Action None.

880002

Error Message `%ASA-4-880002: Internal-Data no-buffer counter stats: <counter stats>`

Explanation The firewall monitors the Internal-Data 'no buffer' counters every one minute. This message is generated whenever there is an increase in the 'no buffer' counters.

Following are the counter stats details:

- CURRENT_VALUE_PCKT_INPUT = 57423 (Internal-Data0/0 current sum of 'no buffer' counter for both Internal-Data interfaces)
- PREVIOUS_VALUE_PCKT_INPUT = 51396 (Internal-Data0/0 previous sum of 'no buffer' counter for both Internal-Data interfaces)
- DIFF_PCKT_INPUT = 6027 (difference between current and previous counters: 57423 - 51396)
- CURRENT_VALUE_NO_BUFF = 1126 (Internal-Data0/0 current sum of 'no buffer' counter for both Internal-Data interfaces)
- PREVIOUS_VALUE_NO_BUFF = 0 (Internal-Data0/0 previous sum of 'no buffer' counter for both Internal-Data interfaces)
- DIFF_NO_BUFF = 1126 (diff of current - previous: 1126 - 0)

Example

```
%ASA-4-880002: Internal-Data no-buffer counter stats: 57423,51396,6027, 1126,0,1126
```

Recommended Action None.

8300001

Error Message `%ASA-6-8300001: VPN session redistribution <variable 1>`

Explanation These events notify the administrator that the operation related to ‘cluster redistribute vpn-sessiondb’ has started or completed. Where,

- <variable 1>—Action: started or completed

Recommended Action None.

8300002

Error Message `%ASA-6-8300002: Moved <variable 1> sessions to <variable 2>`

Explanation Provides details on how many active sessions were moved to another member of the cluster.

- <variable 1>— number of active sessions moved (this can be less than the number requested)
- <variable 2>—name of the cluster member the sessions where moved to

Recommended Action None.

8300003

Error Message `%ASA-3-8300003: Failed to send session redistribution message to <variable 1>`

Explanation There was an error sending a request to another cluster member. This could be due to an internal error or the cluster member the message was destined for is not available.

- <variable 1>— name of the cluster member the message was destined for

Recommended Action If this message is persistent contact customer support.

8300004

Error Message `%ASA-6-8300004: <variable 1> request to move <variable 2> sessions from <variable 3> to <variable 4>`

Explanation This event is displayed when a member receives a request from the director to move a specific number of active sessions to another member in the group.

- <variable 1>—Action: Received, Sent
- <variable 2>—number of active sessions to move
- <variable 3>—name of member receiving the move session request
- <variable 4>—name of the member to receive the active sessions

Recommended Action None.

8300005

Error Message `%ASA-3-8300005: Failed to receive session move response from <variable 1>`

Explanation The director has requested a member to move active sessions to another member. If the director has not received a response to this request within a defined period, it will display this event and terminate the redistribution process.

- <variable 1>—name of member which failed to send a move response within timeout period

Recommended Action Re-issue the ‘’cluster redistribute vpn-sessiondb” and if the problem persists, contact support.

8300006

Error Message `%ASA-5-8300006: Cluster topology change detected. VPN session redistribution aborted.`

Explanation The VPN session redistribution move calculations are based on the active members at the time the process is started. If a member joins or leaves during this process, the director will terminate the session redistribution.

Recommended Action Retry the operation when all of the members have joined or left the group.