san events

ONTAP EMS reference

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san events

san.changedhomenode events

san.ChangedHomeNode

Severity

NOTICE

Description

This message occurs when the home node of an existing SAN LIF is modified during LIF placement.

Corrective Action

(None).

Syslog Message

Home node changed from %s to %s while placing LIF %s in Vserver %s.

Parameters

old_node_name (STRING): Name of the old home node of the existing SAN LIF.
node_name (STRING): Name of the new home node of the existing SAN LIF.
lif (STRING): LIF name.
vserver_name (STRING): Vserver name.

san.changedhomeport events

san.ChangedHomePort

Severity

NOTICE

Description

This message occurs when the home port of an existing SAN LIF is modified during LIF placement.

Corrective Action

(None).

Syslog Message

Home port changed from %s to %s while placing LIF %s in Vserver %s.

Parameters

old_port_name (STRING): Name of the old home port of the existing SAN LIF.
port_name (STRING): Name of the new home port of the existing SAN LIF.
lif (STRING): LIF name.
vserver_name (STRING): Vserver name.

san.duplicateipaddress events

san.DuplicateIpAddress

Severity

ERROR

Description

This message occurs in MetroCluster(tm) configurations of clustered Data ONTAP®, when an iSCSI LIF is created in the source cluster, but one of the Vservers in the destination cluster is already configured with an iSCSI LIF having the same IP address.

Corrective Action

Provide a unique IP address for the primary Vserver iSCSI LIF when creating or modifying the LIF in the source cluster. After modifying the IP address, check that Vserver configuration-state is healthy by using the "metrocluster vserver show -vserver <vserver>" command. If Vserver configuration-state is not healthy, resynchronize the Vserver with its partner by using the "metrocluster vserver resync" command.

Syslog Message

One of the Vservers in the destination cluster is configured with an iSCSI LIF with the same IP address %s. Provide a different unique IP address for the primary Vserver iSCSI LIF %s when creating or modifying the LIF in the source cluster.

Parameters

IpAddress (STRING): IP address existing in the destination cluster.
lif (STRING): Name of the primary Vserver iSCSI LIF.

san.duplicatewwpn events

san.DuplicateWWPN

Severity

ERROR

Description

This message occurs in MetroCluster(tm) configurations of clustered Data ONTAP®, when an FC LIF is created in the source cluster, but one of the Vservers in the destination cluster is already configured with an FC LIF having the same WWPN.

Corrective Action

Provide a unique WWPN for the primary Vserver FC LIF when creating or modifying the LIF in the source cluster.

Syslog Message

One of the Vservers in the destination cluster is configured with an FC LIF with the same WWPN %s. Provide a different unique WWPN for the primary Vserver FC LIF %s when creating or modifying the LIF in the source cluster.

Parameters

wwpn (STRING): WWPN existing in the destination cluster.
lif (STRING): Name of the primary Vserver FC LIF.

san.fcadapter events

san.fcadapter.init.failure

Severity

ERROR

Description

This message occurs when FC adapters hosting LIFs fails to initialize during node boot.

Corrective Action

Reboot the affected node. If the problem persists, contact NetApp technical support.

Syslog Message

The following FC adapters with configured LIFs failed to initialize: %s.

Parameters

adapters (STRING): List of FC adapters that failed to initialize.
object_type (STRING): Type of resource object under notification. For this EMS, the object_type will always be NODE.
object_uuid (STRING): UUID of the resource object. For this EMS, the UUID will be of the node.

san.initiator events

san.initiator.login

Severity

NOTICE

Description

This message occurs when ONTAP detects that an initiator which was previously not logged on is now logged on.

Corrective Action

(None).

Syslog Message

Missing login for initiator "%s", Vserver "%s", portset "%s", has been logged on.

Parameters

initiator (STRING): Initiator that was previously not logged on.
vserver (STRING): Name of the Vserver.
portset (STRING): Name of the portset that the initiator must be logged in to.
vserver_uuid (STRING): UUID of the Vserver.

san.initiator.login.missing

Severity

NOTICE

Description

This message occurs when ONTAP detects that an initiator configured in one or more igroups is not logged in, which is required to ensure full SAN connectivity. Access to LUNs might be disrupted if a failover occurs.

Corrective Action

Verify the host and fabric configuration to ensure connectivity to the node.

Syslog Message

Initiator "%s" is not logged in to any LIFs on this node for Vserver "%s", portset "%s". Access to LUNs might be disrupted if a failover occurs.

Parameters

initiator (STRING): Initiator that is not logged in.
vserver (STRING): Name of the Vserver.
portset (STRING): Name of the portset that the initiator must be logged in to.
vserver_uuid (STRING): UUID of the Vserver.

san.initiator.login.not.req

Severity

NOTICE

Description

This message occurs when ONTAP detects that an initiator which was previously not logged on no longer needs to be logged on.

Corrective Action

(None).

Syslog Message

Missing login for initiator "%s", Vserver "%s", portset "%s" is no longer required.

Parameters

initiator (STRING): The initiator that was previously not logged on.
vserver (STRING): Name of the Vserver.
portset (STRING): Name of the portset that the initiator was not logged on to.
vserver_uuid (STRING): UUID of the Vserver.

san.iscsilifrepaired events

san.iscsiLifRepaired

Severity

NOTICE

Description

This message occurs when an iSCSI LIF is repaired during Vserver initialization. The LIF did not have a relative target port ID (rtpid) assigned, so a unique ID was associated with this LIF.

Corrective Action

None.

Syslog Message

The iSCSI LIF "%s" on Vserver "%s" was repaired during Vserver initialization. The LIF did not have a relative target port ID (rtpid) assigned, so a unique ID was associated with this LIF.

Parameters

lif_name (STRING): Igroup name.
vserver_name (STRING): Vserver name.

san.lifmove events

san.lifmove.fail

Severity

EMERGENCY

Description

This message occurs when a LIF move failed and the recovery action to restore the LIF has also failed. LUNs are no longer accessible through this LIF. The LIF must be recovered manually.

Corrective Action

Restore the LIF using the 'network interface create' command. Also, restore any iscsi access list settings and FQDN settings using 'iscsi interface' commands. Specific recovery commands are listed in the 'recover_commands' parameter. For more information or assistance, contact NetApp technical support.

Syslog Message

Moving LIF %s of vserver %s from %s:%s to %s:%s failed. Manual recovery required.

Parameters

lif_name (STRING): LIF name.
vserver (STRING): Vserver name.
src_node (STRING): LIF was moving from this node.
src_port (STRING): LIF was moving from this port.
dest_node (STRING): LIF was moving to this node.
dest_port (STRING): LIF was moving to this port.
address (STRING): LIF address.
recovery_commands (STRING): Commands to recover the LIF and associated settings.

san.lifmoveafterswitchback events

san.lifmoveafterswitchback

Severity

ERROR

Description

This message occurs during MetroCluster(tm) switchback, when a LIF cannot be placed on one of the disaster recovery (DR) nodes because it is offline. The LIF will be placed on the HA partner of the DR node.

Corrective Action

After the MetroCluster switchback operation is completed successfully, bring online the MetroCluster DR node. Change the home node of the LIF to the MetroCluster DR node by using the "network interface modify" command.

Syslog Message

MetroCluster DR node %s is offline. The LIF %s belonging to Vserver %s will be placed on the HA partner node %s.

Parameters

dr_node_name (STRING): Name of the MetroCluster DR node that is offline.
lif (STRING): LIF name.
vserver_name (STRING): Vserver name.
node_name (STRING): Name of the HA partner node of the MetroCluster DR node.

san.lifrepfieldsmissing events

san.LifRepFieldsMissing

Severity

ERROR

Description

This message occurs when the system cannot replicate a SAN logical interface (LIF) in a MetroCluster(tm) configuration, because one or more attributes of the source LIF cannot be determined.

Corrective Action

Verify that the home node of the LIF created or modified on the primary cluster is up. Also verify that the LIF’s operational status is up, by using the "network interface show -vserver <vserver_name> -lif <lif_name>-fields status-oper" command. Check whether the Vserver configuration state is healthy by using the "metrocluster vserver show -vserver <vserver_name>" command. If the configuration state is unhealthy, resynchronize the Vserver with its partner by using the "metrocluster vserver resync" command.

Syslog Message

Attempted LIF replication failed on the destination cluster node %s for SAN LIF %s for Vserver %s.

Parameters

node (STRING): Name of the destination cluster node (DR partner) that attempted LIF replication.
lif (STRING): Name of the SAN LIF.
vserver (STRING): Name of the Vserver.

san.mccpurgeverifyfailed events

san.MCCPurgeVerifyFailed

Severity

ERROR

Description

This message occurs in MetroCluster™ configurations on clustered Data ONTAP® systems when a SAN

cache purge verify operation fails. The corresponding Vservers are not available to take part in the subsequent switchover or switchback operation until the purge verify operation succeeds.

Corrective Action

Contact NetApp technical support for assistance in purging the SAN cache.

Syslog Message

The following Vservers: %s failed in the SAN cache purge verify operation. Contact NetApp technical support for assistance in purging the SAN cache.

Parameters

vserver (STRING): List of Vservers that failed the purge verify operation.

san.mccvserverinitfailed events

san.MCCVserverInitFailed

Severity

ERROR

Description

This message occurs in MetroCluster™ configurations on clustered Data ONTAP® systems when SAN Vserver failed to initialize during a switchover or switchback operation.

Corrective Action

Contact NetApp technical support for assistance in initialization of the SAN Vserver.

Syslog Message

The Vserver %s failed to initialize. Reason: %s. Contact NetApp technical support for assistance in initialization of the Vserver.

Parameters

vserver (STRING): The SAN Vserver that failed to initialize.
reason (STRING): The reason for failure.

san.mccvserverinitpending events

san.MCCVserverInitPending

Severity

ALERT

Description

This message occurs in MetroCluster™ configurations on clustered Data ONTAP® systems when SAN Vservers exceed the time allotted for initialization during a switchover or switchback operation. This is not a failure, but a delay in initialization.

Corrective Action

Contact NetApp technical support for assistance in analyzing the reason for delay in Vserver initialization.

Syslog Message

The following Vservers: %s exceeded the time allotted (%u seconds) for Vserver initialization. Contact NetApp technical support to analyze the reason for delay in Vserver initialization.

Parameters

pending_vservers (STRING): List of the SAN Vservers pending Vserver initialization.
san_budget_in_msecs (INT): Maximum time (in seconds) the system waits for the SAN Vservers to complete initialization during a switchover or switchback operation.

san.missinglicense events

san.MissingLicense

Severity

ERROR

Description

This message occurs during replication of the FC/iSCSI service configuration, when the required service is not licensed or has expired in the cluster.

Corrective Action

Add the missing or expired license in the cluster by using the "license add" command.

Syslog Message

%s license could be missing or expired in the cluster.

Parameters

license_name (STRING): Name of the missing license.

san.noconnectedfcport events

san.NoConnectedFCport

Severity

ERROR

Description

This message occurs in MetroCluster(tm) configurations on clustered Data ONTAP® systems, when Data ONTAP cannot replicate an FC logical interface (LIF) to a candidate port in the destination cluster. A candidate port is one that satisfies the following conditions: 1) It must reside on the disaster recovery (DR) partner node. 2) It must be connected to the same FC fabric as the home port of the primary Vserver FC LIF.

Corrective Action

Check the cabling to ensure that ports on the destination cluster node (DR partner) are connected to the same fabric as the source cluster port hosting the primary Vserver FC LIF. Use "fcp adapter show -fields fabric-name" command to view the port-fabric connectivity information. After ensuring proper fabric connectivity, run "metrocluster check lif repair-placement" command on the source cluster with the Vserver name and LIF name as inputs to perform lif placement followed by "metrocluster check lif show" to verify the results of the command.

Syslog Message

There are no ports on node "%s" connected to fabric "%s" in the destination cluster. Cannot place FC LIF "%s" hosted on the source cluster port %s of %s adapter type for Vserver "%s".

Parameters

node (STRING): Name of the destination cluster node (DR partner) that does not have a port connected to the fabric.
fabric_name (STRING): Name of the fabric that the source cluster port hosting the primary Vserver FC LIF is connected to.
lif (STRING): Name of the FC LIF to be placed.
port (STRING): Source cluster port that hosts the primary Vserver FC LIF.
adapter_type (STRING): Adapter type of the source cluster port that hosts the primary Vserver FC LIF.
vserver (STRING): Name of the secondary Vserver in the MetroCluster relationship.

san.NoConnectedFCport.prim

Severity

ERROR

Description

This message occurs in MetroCluster(tm) configurations on clustered Data ONTAP® systems, when the source cluster FC port that is hosting an FC LIF of the primary Vserver is not connected to any fabric. The LIF cannot be placed correctly at the destination cluster because fabric information is not available.

Corrective Action

Check the wiring of the source cluster FC port to ensure that it is connected to the fabric. Use the "fcp adapter show -fields fabric-name" command to view the port-fabric connectivity information. After ensuring proper fabric connectivity, enter the "metrocluster check lif repair-placement -vserver <vserver_name> -lif <lif_name>" command in the source cluster to intiate the LIF placement at the secondary cluster. After LIF placement has been completed, enter the "metrocluster check lif show -vserver <vserver_name> -lif <lif_name>" to see whether lif placement succeeded or not.

Syslog Message

The source cluster FC port %s that is hosting FC LIF %s on primary Vserver %s is not connected to any fabric.

Parameters

home_port (STRING): Name of the source cluster FC port.
lif (STRING): Name of the FC LIF.
vserver (STRING): Name of the primary Vserver.

san.noconnectediscsiport events

san.NoConnectediSCSIPort

Severity

ERROR

Description

This message occurs in MetroCluster(tm) configurations on clustered Data ONTAP® systems, when Data ONTAP cannot replicate an iSCSI logical interface (LIF) to a candidate port in the destination cluster. A

candidate port is one that both resides on the disaster recovery (DR) partner node and is connected to the same subnet as the home port of the primary Vserver iSCSI LIF.

Corrective Action

Check the wiring of the network ports and ensure that there are ports on the destination cluster node (DR partner) that are connected to the same subnet as the source cluster port hosting the primary Vserver iSCSI LIF. If the wiring is correct but this failure is still reported when you run the "metrocluster check lif show" command, ensure that the source LIF is operationally up. If the admin-status of the source LIF is down, bring it up using the "network interface modify" command. When the source LIF is up, run the "metrocluster check lif repair-placement" command from the source cluster, with the Vserver name and the LIF name as inputs. Enter the "metrocluster check lif show" command again to check whether LIF placement succeeded or not.

Syslog Message

Subnet discovery failed during LIF replication. There might not be any ports on the destination cluster node %s that are connected to subnet %s in IP space %s to place the iSCSI LIF %s for Vserver %s.

Parameters

node (STRING): Name of the destination cluster node (DR partner) that does not have a port connected to the subnet.
subnet (STRING): The subnet that the primary cluster port hosting the primary Vserver iSCSI LIF is connected to.
ipspace_name (STRING): Name of the IP space that the primary cluster port hosting the primary Vserver iSCSI LIF is connected to.
lif (STRING): Name of the iSCSI LIF.
vserver (STRING): Name of the secondary Vserver in the MetroCluster relationship.

san.nofcportsonnode events

san.NoFCPortsOnNode

Severity

ERROR

Description

This message occurs in MetroCluster™ configurations on clustered Data ONTAP® systems when an attempt to place an FCP LIF on a particular node fails because the system cannot find any active ports on that node.

Corrective Action

List the offline FC ports on the DR partner node by using the "fcp adapter show -node <node_name;> -state down" command. Modify the state of the offline FC ports with the following command: "fcp adapter modify -node <node_name;> -adapter <adapter_name;> -state up". Once the FC ports in question are online, resynchronize the Vserver configuration using the "metrocluster vserver resync" command. With the command "fcp adapter show -node <node_name;>" verify that FC ports are present. If the FC ports are absent in the destination cluster node (DR partner), contact customer support to provision the FC ports.

Syslog Message

Cannot find online FC ports on Node "%s" for placing LIF "%s" in Vserver "%s".

Parameters

node_name (STRING): Node name.
lif (STRING): LIF name.
vserver_name (STRING): Vserver name.

san.nofcportwithadaptertype events

san.NoFCportwithAdapterType

Severity

ERROR

Description

This message occurs in MetroCluster(tm) configurations on clustered Data ONTAP® systems, when Data ONTAP cannot replicate an FC logical interface (LIF) to a candidate port in the destination cluster. A candidate port is one that satisfies the following conditions: 1) It must reside on the disaster recovery (DR) partner node. 2) It must be of the same adapter type (CNA/FC) as the home port of the primary Vserver FC LIF.

Corrective Action

Ensure that there are ports in the destination cluster node (DR partner) that have the same adapter type (FC/CNA) as the source cluster port that hosts the primary Vserver FC LIF. Use the "fcp adapter show -fields physical-protocol" command to view the FC port-adapter type information. Run the "metrocluster check lif repair-placement" command in the source cluster with the Vserver name and LIF name as inputs after ensuring that there are ports in the destination cluster node (DR partner) that have the same adapter type. After running the command mentioned previously, run the "metrocluster check lif show" to see whether lif placement succeeded or not.

Syslog Message

There are no ports on node "%s" in the destination cluster that have the adapter type "%s" required to host the FC LIF "%s" for Vserver "%s".

Parameters

node (STRING): Name of the destination cluster node (DR partner) that does not have a port of the same adapter type as the port in the source cluster.
adapter_type (STRING): Adapter type of the source cluster port that hosts the primary Vserver FC LIF.
lif (STRING): Name of the FC LIF to be placed.
vserver (STRING): Name of the secondary Vserver in the MetroCluster relationship.

san.noifgrpport events

san.NoIfGrpPort

Severity

ERROR

Description

This message occurs in MetroCluster™ configurations on clustered Data ONTAP® systems, when Data ONTAP places a LIF on a physical port because an ifgrp port cannot be found on the destination cluster node (DR partner) to host an iSCSI LIF.

Corrective Action

Ensure that ifgrp port exists, otherwise create an ifgrp port on the DR partner by taking the following steps. Run the "network port show" command to view the available ports on the DR partner. Use the "network port ifgrp create" to create ifgrp port and "network port ifgrp add-port" command to populate an ifgrp port. After ifgrp port is available on the DR partner, run the "metrocluster check lif repair-placement" command in the source cluster with the Vserver name and LIF name as inputs . After running this command, use the "metrocluster check lif show" command to see whether LIF placement succeeded or not.

Syslog Message

There are no ifgrp ports on node "%s" in IPspace "%s" to host the iSCSI LIF "%s" for Vserver "%s".

Parameters

node (STRING): Name of the DR partner that does not have an ifgrp port.
ipspace_name (STRING): Name of the IPspace.
lif (STRING): Name of the iSCSI LIF.
vserver (STRING): Name of the Vserver for which the iSCSI LIF was incorrectly placed.

san.nonetworkportadaptertype events

san.NoNetworkPortAdapterType

Severity

ERROR

Description

This message occurs in MetroCluster™ configurations on clustered Data ONTAP® systems, when Data ONTAP cannot find a port on the disaster recovery (DR) node that is of the same adapter type (CNA/NIC) as the home port of the primary Vserver iSCSI LIF.

Corrective Action

Ensure that there are ports in the destination cluster node (DR partner) that have the same adapter type as the source cluster port that hosts the primary Vserver iSCSI LIF. Use the "net port show" and "run -node <node-name> sysconfig -ca" commands to view the network port-adapter type information. After ensuring same adapter type port is available on the DR partner, run the "metrocluster check lif repair-placement" command in the source cluster with the Vserver name and LIF name as inputs after ensuring that there are ports in the destination cluster node (DR partner) that have the same adapter type. After running the repair placement command, run the "metrocluster check lif show" command to see whether LIF placement succeeded or not.

Syslog Message

There are no ports on node "%s" in the destination cluster that have the adapter type "%s" in IPspace "%s" required to host the secondary Vserver "%s" iSCSI LIF "%s".

Parameters

node (STRING): Name of the destination cluster node (DR partner) that does not have a port of the same adapter type as the port in the source cluster.
adapter_type (STRING): Adapter type of the source cluster port.
ipspace_name (STRING): Name of the IPspace.
vserver_name (STRING): Vserver that owns the LIF.
lif (STRING): Name of the iSCSI LIF.

san.noportsinipspace events

san.NoPortsInIpspace

Severity

ERROR

Description

This message occurs when an attempt to place an iSCSI LIF on a particular node fails because the system cannot find any ports in an IPspace on that node.

Corrective Action

Add at least one port belonging to the node to the IPspace by using the "network port broadcast-domain add-ports" command and then resynchronize the Vserver configuration using the "metrocluster vserver resync" command.

Syslog Message

Cannot find ports in IPspace "%s" on Node "%s" for placing LIF "%s" in Vserver "%s".

Parameters

ipspace_name (STRING): IPspace name.
node_name (STRING): Node name.
lif (STRING): LIF name.
vserver_name (STRING): Vserver name.

san.nosamenamedfcport events

san.NoSameNamedFCport

Severity

ERROR

Description

This message occurs in MetroCluster(tm) configurations on clustered Data ONTAP® systems, when Data ONTAP cannot find the same named port to place an FC logical interface (LIF) in the destination cluster. A same named port is an FC port in the destination cluster that has the same name as that of the FC port in the source cluster hosting the FC logical interface (LIF).

Corrective Action

Check the admin state of the destination cluster FC port to ensure that it is up. Use the "fcp adapter show -fields status-admin" command to view the admin state of the target FC ports. After ensuring the same named port is up, enter the "metrocluster check lif repair-placement -vserver <vserver_name> -lif <lif_name>" command in the source cluster to initiate the LIF placement at the secondary cluster. After LIF placement has been completed, enter the "metrocluster check lif show -vserver <vserver_name> -lif <lif_name>" to see whether LIF placement succeeded or not.

Syslog Message

Same named FC port %s as the one in the source cluster that is hosting FC LIF %s on primary Vserver %s is not found in the destination cluster.

Parameters

home_port (STRING): Name of the source cluster FC port.
lif (STRING): Name of the FC LIF.
vserver (STRING): Name of the primary Vserver.

san.nosamenamediscsiport events

san.NoSameNamedIscsiPort

Severity

ERROR

Description

This message occurs when a MetroCluster(tm) configuration cannot be implemented, because the destination cluster for an iSCSI logical interface (LIF) does not appear to contain a port with the same name as the one used within the source cluster.

Corrective Action

Check whether the broadcast domain of the destination cluster network port belongs to the IPspace configured for the destination Vserver by using the "network ipspace show -vservers <vserver_name> -ports < same_named_network_port_name>" command. Verify that the destination cluster network port is up by using the "network port show -fields link" command. After the destination cluster network port is up, initiate the LIF placement at the destination cluster by using the "metrocluster check lif repair-placement -vserver <vserver_name> -lif <lif_name>" command in the source cluster. Verify that the LIF placement succeeded by using the "metrocluster check lif show -vserver <vserver_name> -lif <lif_name>" command.

Syslog Message

Destination cluster does not contain a port with the same name as network port %s in the source cluster that is hosting iSCSI LIF %s on primary Vserver %s.

Parameters

home_port (STRING): Name of the source cluster network port.
lif (STRING): Name of the iSCSI LIF.
vserver (STRING): Name of the primary Vserver.

san.novlanport events

san.NoVlanPort

Severity

ERROR

Description

This message occurs when a clustered Data ONTAP® system is in a MetroCluster™ configuration. The system cannot find a VLAN port on the destination cluster node (that is, the DR partner) to host an iSCSI LIF, and has instead chosen to place the LIF on a physical port.

Corrective Action

Ensure that the destination cluster node (DR partner) has ports connected to the same VLANs as in the source with the command "network port show -node <node> -fields vlan-tag". Ensure that the DR partner has VLAN interfaces similar to those in the source with the command "network port show -node <node>

-fields type". If necessary, create VLAN interface(s) on the DR partner node using the "network port vlan create" command. After ensuring that the proper VLAN port exists, run the "metrocluster check lif repair-placement" command on the source cluster, with the Vserver name and LIF name as inputs to perform LIF placement. Then verify the results with the command "metrocluster check lif show".

Syslog Message

There are no VLAN ports with tag "%s" on node "%s" in IPspace "%s" to host the iSCSI LIF "%s" for Vserver "%s".

Parameters

node (STRING): Name of the DR partner that does not have a VLAN port.
vlan_tag (STRING): VLAN tag.
ipspace_name (STRING): Name of the IPspace.
lif (STRING): Name of the iSCSI LIF.
vserver (STRING): Name of the Vserver for which the iSCSI LIF was incorrectly placed.

san.optimizedpersonality events

san.optimizedPersonality.mismatch

Severity

ERROR

Description

This message occurs when a mismatch is detected between the san-optimized personality of a node and the cluster.

Corrective Action

Contact NetApp technical support.

Syslog Message

The san-optimized value "%s" does not match the san-optimized value of the cluster.

Parameters

san_optimized (STRING): The san-optimized value for the node.
object_type (STRING): Type of resource object under notification. For this EMS, the object_type will always be NODE.
object_uuid (STRING): UUID of the resource object. For this EMS, the UUID will be of the node.

san.slmsupportcheckfailed events

san.slmSupportCheckFailed

Severity

ERROR

Description

This message occurs during reboot when SAN capability is enabled, the cluster has more than 8 nodes and lun.reporting.nodes options is disabled. It leads to host instability as the number of paths exposed exceeds the threshold that the host stacks can handle.

Corrective Action

Set the option "lun.reporting_nodes.enable" to "on" with the command "vserver options lun.reporting_nodes.enable on" and enable Selective LUN Map on existing maps with the command "lun mapping add-reporting-nodes -vserver * -path * -igroup * -local-nodes".

Syslog Message

Clusters with more than 8 nodes must have SLM support enabled.

Parameters

(None).

san.volrehostigroupcreatefailed events

san.volRehostIgroupCreateFailed

Severity

ERROR

Description

This message occurs on clustered Data ONTAP® systems, during Volume Rehost operation when Data ONTAP fails to create igroup on the destination Vserver.

Corrective Action

Please create the igroup using "igroup create".

Syslog Message

Failed to create igroup "%s" for Vserver "%s". Reason: "%s".

Parameters

igroup_name (STRING): Igroup name.
vserver_name (STRING): Vserver name.
reason (STRING): Reason for failure.

san.volrehostlunmapcreated events

san.volRehostLunMapCreated

Severity

INFORMATIONAL

Description

This message occurs on clustered Data ONTAP® systems for Volume Rehost operation on successful creation of the LUN map the destination Vserver.

Corrective Action

(None).

Syslog Message

LUN "%s" successfully mapped with igroup "%s" for Vserver "%s".

Parameters

lun_path (STRING): LUN path.
igroup_name (STRING): Igroup name.
vserver_name (STRING): Vserver name.

san.volrehostlunmapfailed events

san.volRehostLunMapFailed

Severity

ERROR

Description

This message occurs on clustered Data ONTAP® systems, during Volume Rehost operation when Data ONTAP fails to create LUN map the destination Vserver.

Corrective Action

Use "lun map create" command to create the LUN map.

Syslog Message

Failed to map LUN "%s" with igroup "%s" for Vserver "%s". Reason: "%s".

Parameters

lun_path (STRING): LUN path.
igroup_name (STRING): Igroup name.
vserver_name (STRING): Vserver name.
reason (STRING): Reason for failure.

san.volrehostsanbestpractice events

san.volRehostSANBestPractice

Severity

ERROR

Description

This message occurs on clustered Data ONTAP® systems for Volume Rehost operation when the destination Vserver does not comply with the SAN best practice.

Corrective Action

Please check if there are SAN LIFS on the volume owning node and its HA partner

Syslog Message

Node "%s" for Vserver "%s" does not comply SAN Best Practice to create LUN maps.

Parameters

node_name (STRING): Node name.
vserver_name (STRING): Vserver name.

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