



nameserv events

ONTAP EMS reference

NetApp
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nameserv events

nameserv.conf events

nameserv.conf.limit.reached

Severity

ERROR

Description

This message occurs when a UNIX user or group name exceeds 64 characters. This check is performed on the last node upgrade from Data ONTAP® 8.2 to 8.3. The names that exceed this limit will not get resolved in Data ONTAP 8.3.

Corrective Action

Replace the name with a name that is no longer than 64 characters.

Syslog Message

%s exceeds 64 characters for Vserver %s and configuration %s.

Parameters

name (STRING): Name of the user or group that exceeded 64 characters.

vserver_name (STRING): Name of the Vserver.

ns_config_name (STRING): Name of the name service configuration (unix-user or unix-group).

nameserv.config events

nameserv.config.write.failed

Severity

ERROR

Description

This message occurs when a file write for name service configuration fails.

Corrective Action

Autocorrection is triggered for failing Vserver, configuration and node. Ensure that the root volume File System(FS) is available and has enough space and check the status using "vserver services name-service file-version show". Contact technical support if the problem persists.

Syslog Message

%s configuration failed for Vserver %s on node %s.

Parameters

vserver_name (STRING): Name of the Vserver.

ns_config_name (STRING): Name of the name service configuration.

node_name (STRING): Name of the node.

nameserv.ddns events

nameserv.ddns.bulk.delete

Severity

ALERT

Description

This message occurs when a request to delete the fully qualified domain name (FQDN) of all or some of the logical interfaces of a Vserver from the DNS server fails, resulting in stale records on the DNS server. This can lead to DNS lookup failures, resulting in mount problems.

Corrective Action

Use the (privilege: advanced) "vserver services name-service dns dynamic-update record delete" command to attempt a manual update of the record for the LIF. If this fails, check documentation for dynamic DNS updates to correct the failure or update the record directly on the DNS server.

Syslog Message

DDNS delete operation has failed for all or some of the logical interfaces having FQDN "%s" for Vserver "%s".

Parameters

FQDN (STRING): FQDN for which the operation failed.

vserver_name (STRING): Name of the Vserver.

nameserv.ddns.bulk.failure

Severity

ALERT

Description

This message occurs when a dynamic request to update the fully qualified domain name (FQDN) of all or some of the logical interfaces of a Vserver in the DNS server fails after repeated retries, resulting in stale records on the DNS server. This can lead to DNS lookup failures, resulting in mount problems.

Corrective Action

Use the (privilege: advanced) "vserver services name-service dns dynamic-update record" command to attempt a manual update of the record for the LIF. If this fails, check documentation for dynamic DNS updates to correct the failure or update the record directly on the DNS server.

Syslog Message

DDNS %s operation has failed for all or some of the logical interfaces having FQDN "%s" for Vserver "%s".

Parameters

Operation (STRING): Type of operation.

FQDN (STRING): FQDN for which the operation failed.

vserver_name (STRING): Name of the Vserver.

nameserv.ddns.bulk.warning

Severity

ERROR

Description

This message occurs when a dynamic request to update the fully qualified domain name (FQDN) of all or some of the logical interfaces of a Vserver on the DNS server fails, resulting in stale records on the DNS server. This can lead to DNS lookup failures, resulting in mount problems.

Corrective Action

Data ONTAP® retries the failed dynamic DNS update operation. Check the DNS record to ensure that it is up to date. Use the (privilege: advanced) "vserver services name-service dns dynamic-update record" command to attempt a manual update of the record for the LIF. If this fails, check documentation for dynamic DNS updates to correct the failure or update the record directly on the DNS server.

Syslog Message

DDNS %s operation has failed for all or some of the logical interfaces having FQDN "%s" for Vserver "%s".

Parameters

Operation (STRING): Type of operation.

FQDN (STRING): FQDN for which the operation failed.

vserver_name (STRING): Name of the Vserver.

nameserv.ddns.lif.delete

Severity

ALERT

Description

This message occurs when an attempt to delete a fully qualified domain name (FQDN) from the DNS server fails, resulting in a stale record on the server. The FQDN belongs to the logical interface (LIF) of the given Vserver. Retaining the stale record can lead to DNS lookup failures, resulting in mount problems.

Corrective Action

Use the (privilege: advanced) "vserver services name-service dns dynamic-update record delete" command to attempt a manual update of the record for the LIF. If this fails, check documentation for dynamic DNS updates to correct the failure or update the record directly on the DNS server.

Syslog Message

DDNS delete operation of FQDN "%s" failed for LIF with IP %s on Vserver "%s".

Parameters

FQDN (STRING): FQDN for which the operation failed.

IP (STRING): IP address for which the operation failed.

vserver_name (STRING): Name of the Vserver.

nameserv.ddns.lif.failure

Severity

ALERT

Description

This message occurs when an attempt to update a fully qualified domain name (FQDN) on the DNS server fails after repeated retries, resulting in a stale record on the server. The FQDN belongs to the logical interface (LIF) of the given Vserver. Retaining the stale record can lead to DNS lookup failures, resulting in mount problems.

Corrective Action

Use the (privilege: advanced) "vserver services name-service dns dynamic-update record" command to attempt a manual update of the record for the LIF. If this fails, check documentation for dynamic DNS updates to correct the failure or update the record directly on the DNS server.

Syslog Message

DDNS %s operation of FQDN "%s" failed for LIF with IP %s on Vserver "%s".

Parameters

Operation (STRING): Type of operation.

FQDN (STRING): FQDN for which the operation failed.

IP (STRING): IP address for which the operation failed.

vserver_name (STRING): Name of the Vserver.

nameserv.ddns.lif.warning

Severity

ERROR

Description

This message occurs when an attempt to update a fully qualified domain name (FQDN) on the DNS server fails, resulting in a stale record on the server. The FQDN belongs to the logical interface (LIF) of the given Vserver. Retaining the stale record can lead to DNS lookup failures, resulting in mount problems.

Corrective Action

Data ONTAP® retries the failed dynamic DNS update operation. Check the DNS record to ensure that it is up to date. Use the (privilege: advanced) "vserver services name-service dns dynamic-update record" command to attempt a manual update of the record for the LIF. If this fails, check documentation for dynamic DNS updates to correct the failure or update the record directly on the DNS server.

Syslog Message

DDNS %s operation of FQDN "%s" failed for LIF with IP %s on Vserver "%s".

Parameters

Operation (STRING): Type of operation.

FQDN (STRING): FQDN for which the operation failed.

IP (STRING): IP address for which the operation failed.

vserver_name (STRING): Name of the Vserver.

nameserv.netgrpbyhost events

nameserv.netgrpbyhost.failed

Severity

ERROR

Description

This message occurs when netgroup is configured but the netgroup byhost database is not generated during an upgrade operation. Absence of the netgroup byhost database might impact performance or access during subsequent netgroup-related data access attempts.

Corrective Action

Use the "vserver services name-service netgroup load" command to reload the netgroup configuration file. Use the (privilege: advanced) "vserver services name-service netgroup status" command to verify that the netgroup file was successfully loaded and the netgroup byhost database successfully generated. If there are any syntax errors after the load operation, fix them and reload the netgroup file.

Syslog Message

Netgroup byhost database failed to generate for Vserver %s on node %s with error %s.

Parameters

vserver_name (STRING): Name of the Vserver.

node_name (STRING): Name of the node.

error_string (STRING): Error encountered during creation of netgroup byhost.

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