



master events

ONTAP EMS reference

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master events

master.cast events

master.cast.cm.vote.against

Severity

NOTICE

Description

This message occurs when the master service of the associated node can not connect to current cluster master and try to cast a vote against current cluster master in the global database. The current cluster master will be demoted if more than half of the cluster nodes vote against it, and a new cluster master will be promoted.

Corrective Action

(None).

Syslog Message

Service ID "%u" on node ID "%u" has voted against current cluster master with sequence number "%u" based on "%s", the current MVIP connection state is %s with duration %s, and the best connection state is %s.

Parameters

serviceID (INT): Service ID that identifies the associated master service.

nodeID (INT): Node ID number of the associated node.

sequenceNumber (INT): The sequence number of the cluster master.

reason (STRING): The reason for casting the vote against current cluster master.

currentState (STRING): The current MVIP connection state.

currentStateDuration (STRING): The duration of current MVIP connection state.

highestState (STRING): The best MVIP connection state since the node connects to current cluster master.

master.cast.cm.vote.ex

Severity

NOTICE

Description

This message occurs when the master service on the associated node is unable to cast a vote to update the connection status with current cluster master in global database since it has lost connection to the database server.

Corrective Action

(None).

Syslog Message

Service ID "%u" on node ID "%u" failed to cast a vote to cluster master with sequence number is "%u" due to exception (%s). The connection state is %s with duration %s, and the best connection state is %s.

Parameters

serviceID (INT): Service ID that identifies the associated master service.
nodeID (INT): Node ID number of the associated node.
sequenceNumber (INT): The sequence number of current cluster master.
exceptionCode (STRING): The exception code.
currentState (STRING): The current MVIP connection state.
currentStateDuration (STRING): The duration of current MVIP connection state.
highestState (STRING): The best MVIP connection state since the node connects to current cluster master.

master.demote events

master.demote.cm.committed

Severity

NOTICE

Description

This message occurs when the associated node successfully updated the global database to demote current cluster master. As a result, a new cluster will be promoted.

Corrective Action

(None).

Syslog Message

Service ID "%u" on node ID "%u" successfully updated database to demote cluster master with serviceID "%u" and sequenceNumber "%u".

Parameters

serviceID (INT): Service ID that identifies the associated master service.
nodeID (INT): Node ID number of the associated node.
lastKnownLeaderID (INT): Service ID number of the cluster master last known by this node.
sequenceNumber (INT): The sequence number of the cluster master last known by this node.

master.demote.cm.ex

Severity

NOTICE

Description

This message occurs when the associated node tries to update the global database to demote current cluster master but the operation failed due to an exception. This could happen if another cluster node already made the same database change, or the connection to global database has lost.

Corrective Action

(None).

Syslog Message

Service ID "%u" on node ID "%u" failed to update database to demote cluster master with serviceID "%u" with exception (%s).

Parameters

serviceID (INT): Service ID that identifies the associated master service.

nodeID (INT): Node ID number of the associated node.

lastKnownLeaderID (INT): Service ID number of the cluster master last known by this node.

exceptionCode (STRING): The exception code.

master.new events

master.new.connection.state

Severity

NOTICE

Description

This message occurs when the connection state from the associated node to current cluster master has changed.

Corrective Action

(None).

Syslog Message

Service ID "%u" on node ID "%u" has a new MVIP connection state "%s" and the best connection state is "%s".

Parameters

serviceID (INT): Service ID that identifies the associated master service.

nodeID (INT): Node ID number of the associated node.

currentState (STRING): The current MVIP connection state.

highestState (STRING): The best MVIP connection state since the node connects to current cluster master.

master.promoting events

master.promoting.cm

Severity

NOTICE

Description

This message occurs when the node is promoted to the cluster master and takes control as the master.

Corrective Action

(None).

Syslog Message

Service ID "%u" on node ID "%u" is taking over as the cluster master.

Parameters

serviceID (INT): Service ID that identifies the associated master service.

nodeID (INT): Node ID number of the associated node.

master.releasing events

master.releasing.cm

Severity

NOTICE

Description

This message occurs when the node is demoted from being the cluster master, and it releases control as the master.

Corrective Action

(None).

Syslog Message

Service ID "%u" on node ID "%u" is releasing control as the cluster master.

Parameters

serviceID (INT): Service ID that identifies the associated master service.

nodeID (INT): Node ID number of the associated node.

master.try events

master.try.demote.cm

Severity

NOTICE

Description

This message occurs when the associated node cannot connect to current cluster master and tries to demote it by making associated global database change. The database change may fail if multiple cluster nodes try to do the same thing, and one of them has updated global database successfully.

Corrective Action

(None).

Syslog Message

Service ID "%u" on node ID "%u" tries to demote the cluster master with serviceID "%u" and sequenceNumber "%u" from the global database based on the votes (forVotes=%u, againstVotes=%u, staleVotes=%u).

Parameters

serviceID (INT): Service ID that identifies the associated master service.

nodeID (INT): Node ID number of the associated node.

lastKnownLeaderID (INT): Service ID number of the cluster master last known by this node.

sequenceNumber (INT): The sequence number of the cluster master last known by this node.

forVotes (INT): The number of votes to keep current cluster master in the poll.

againstVotes (INT): The number of votes to demote current cluster master in the poll.

staleVotes (INT): The number of stale votes to update current cluster master in the poll.

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