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 cannot connect to current cluster master. It tries to cast a vote against current cluster master in the global database. The current cluster master is demoted if more than half of the cluster nodes vote against it, and a new cluster master is promoted.

Corrective Action

(None).

Syslog Message

Service ID %u on node ID %u (UUID: %s) has voted against current cluster master with sequence number %u and service ID %u based on "%s". The current MVIP address connection state is "%s" with duration %s. 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.
nodeUuid (STRING): Node UUID of the associated node.
sequenceNumber (INT): Sequence number of the cluster master.
lastKnownClusterMasterServiceID (INT): Service ID number of the cluster master last known by this node.
reason (STRING): Reason for casting the vote against current cluster master.
currentState (STRING): Current MVIP address connection state.
currentStateDuration (STRING): Duration of current MVIP address connection state.
highestState (STRING): Best MVIP address connection state reached since the node connected to current cluster master.

master.couldnt events

master.couldnt.cast.cm.vote

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 (UUID: %s) failed to cast a vote "%s" to cluster master with sequence number %u and service ID %u due to exception code: %s. The connection state is "%s" with duration %s. 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.
nodeUuid (STRING): Node UUID of the associated node.
voteToCast (STRING): Vote which the master service failed to cast. It can be "true" or "false".
sequenceNumber (INT): Sequence number of current cluster master.
lastKnownClusterMasterServiceID (INT): Service ID number of the cluster master last known by this node.
exceptionCode (STRING): Exception code.
currentState (STRING): Current MVIP address connection state.
currentStateDuration (STRING): Duration of current MVIP address connection state.
highestState (STRING): Best MVIP address connection state reached since the node connected to current cluster master.

master.couldnt.demote.cm

Severity

NOTICE

Description

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

Corrective Action

(None).

Syslog Message

Service ID %u on node ID %u (UUID: %s) failed to update database to demote cluster master with service ID %u with exception code: %s.

Parameters

serviceID (INT): Service ID that identifies the associated master service.
nodeID (INT): Node ID number of the associated node.
nodeUuid (STRING): Node UUID of the associated node.
lastKnownClusterMasterServiceID (INT): Service ID number of the cluster master last known by this node.
exceptionCode (STRING): Exception code.

master.demote events

master.demote.cm.committed

Severity

NOTICE

Description

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

Corrective Action

(None).

Syslog Message

Service ID %u on node ID %u (UUID: %s) successfully updated database to demote cluster master with sequence number %u and service ID %u.

Parameters

serviceID (INT): Service ID that identifies the associated master service.
nodeID (INT): Node ID number of the associated node.
nodeUuid (STRING): Node UUID of the associated node.
sequenceNumber (INT): Sequence number of the cluster master last known by this node.
lastKnownClusterMasterServiceID (INT): Service ID number of the cluster master last known by this node.

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 (UUID: %s) has a new MVIP address connection state "%s" to cluster master with service ID %u. 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.
nodeUuid (STRING): Node UUID of the associated node.
currentState (STRING): Current management virtual IP (MVIP) address connection state.
lastKnownClusterMasterServiceID (INT): Service ID number of the cluster master last known by this node.
highestState (STRING): Best MVIP address connection state reached since the node connected to current cluster master.

master.releasing events

master.releasing.cm

Severity

NOTICE

Description

This message occurs when the node is demoted from being the cluster master.

Corrective Action

(None).

Syslog Message

Service ID %u on node ID %u (UUID: %s) releases 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.
nodeUuid (STRING): Node UUID of the associated node.

master.taking events

master.taking.over.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 (UUID: %s) takes 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.
nodeUuid (STRING): Node UUID of the associated node.

master.try events

master.try.demote.cm

Severity

NOTICE

Description

This message occurs when the associated node can not connect to current cluster master and tries to demote it by making associated global database change. The database change might 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 (UUID: %s) tries to demote the cluster master with sequence number %u and service ID %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.
nodeUuid (STRING): Node UUID of the associated node.
sequenceNumber (INT): Sequence number of the cluster master last known by this node.
lastKnownClusterMasterServiceID (INT): Service ID number of the cluster master last known by this node.
forVotes (INT): Number of votes to keep current cluster master in the poll.
againstVotes (INT): Number of votes to demote current cluster master in the poll.
staleVotes (INT): Number of stale votes to update current cluster master in the poll.

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