



token events

ONTAP EMS reference

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token events

token.copy events

token.copy.complete.info

Severity

NOTICE

Description

This message occurs when a 'copy complete' request fails to free the reference on a remote node.

Corrective Action

(None).

Syslog Message

A 'copy complete' request on node %s and volume DSID %d failed - %s.

Parameters

blade_id (STRING): Blade ID of the node to which the 'copy complete' request was sent.

dsid (LONGINT): DSID of the source volume where the token was created.

reason (STRING): Reason for the failure.

token.inactive events

token.inactive.ref.deleted

Severity

NOTICE

Description

This message occurs when a reference is deleted on a token that has existed for longer than the timeout window. The reference is deleted to clear stale entries in the cache.

Corrective Action

(None).

Syslog Message

Reference %s of token %d in volume %s was deleted.

Parameters

blade_id (STRING): Blade ID of the token reference that was deleted.

index (INT): Index of the token whose reference was deleted.

volume_name (STRING): Name of the volume whose token's reference was deleted.

token.max events

token.max.count.in.volume

Severity

INFORMATIONAL

Description

This message occurs when the maximum number of tokens that can be created in a volume is determined.

Corrective Action

(None).

Syslog Message

Volume %s can contain up to %d tokens.

Parameters

volume_name (STRING): Name of the volume in which tokens can be created.

max (INT): Maximum number of tokens in the volume.

token.node events

token.node.max.count.reached

Severity

NOTICE

Description

This message occurs when the maximum number of tokens per node is reached. Tokens cannot be created in the node unless some existing tokens expire.

Corrective Action

(None).

Syslog Message

Tokens cannot be created on this node because the maximum number of tokens per node has been reached.

Parameters

(None).

token.node.out.of.quorum

Severity

NOTICE

Description

This message occurs when a node goes out of quorum. Any references on a token by that node will be dropped.

Corrective Action

(None).

Syslog Message

All token references from node (ID - %s) are dropped because the node went out of quorum.

Parameters

blade_id (STRING): Blade ID of the node that went out of quorum.

token.pit events

token.pit.file.create.info

Severity

NOTICE

Description

This message occurs when the token manager cannot create a PIT file in a volume. This can happen for the following reasons: insufficient space in the volume, unable to create the directory, or unable to set attributes.

Corrective Action

(None).

Syslog Message

PIT file creation in volume %s failed - %s.

Parameters

volume_name (STRING): Name of the volume in which PIT file creation failed.

reason (STRING): Reason for the failure.

token.pit.file.deleted

Severity

NOTICE

Description

This message occurs when the PIT file of a volume is deleted. A new PIT file will be created automatically during the first 'token create' request for this volume.

Corrective Action

(None).

Syslog Message

PIT file in volume %s was deleted.

Parameters

volume_name (STRING): Name of the volume in which the PIT file was deleted.

token.vol events

token.vol.cache.cleared

Severity

NOTICE

Description

This message occurs when a 'volume offline' operation results in clearing the token cache for that volume.

Corrective Action

(None).

Syslog Message

Token cache for volume %s was cleared because the volume went offline.

Parameters

volume_name (STRING): Name of the volume whose token cache was cleared.

token.vol.is.compressed

Severity

NOTICE

Description

This message occurs when a 'token create' request fails because the container is a compressed volume.

Corrective Action

(None).

Syslog Message

A 'token create' request in volume %s failed because the volume is compressed.

Parameters

volume_name (STRING): Name of the volume for which the 'token create' request failed.

token.vol.is.sparse

Severity

NOTICE

Description

This message occurs when a 'token create' request fails because the container is a sparse volume.

Corrective Action

(None).

Syslog Message

A 'token create' request in volume %s failed because the volume is sparse.

Parameters

volume_name (STRING): Name of the volume for which the 'token create' request failed.

token.vol.max.count.reached

Severity

NOTICE

Description

This message occurs when the maximum number of tokens per volume is reached. Tokens cannot be created in the volume unless some existing tokens expire.

Corrective Action

(None).

Syslog Message

Tokens cannot be created in volume %s because the maximum number of tokens per volume has been reached.

Parameters

volume_name (STRING): Name of the volume in which the maximum number of tokens has been reached.

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