



api events

ONTAP 9.11.1 EMS reference

NetApp
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api events

api.engine events

api.engine.killed

Severity

EMERGENCY

Description

This event is posted when the ONTAPI® engine is unexpectedly terminated. The ONTAPI APIs cannot be executed until the system is rebooted.

Corrective Action

Reboot the controller. If the problem persists, contact Contact NetApp technical support.

Syslog Message

Error in API Engine. Engine name: %s.

Parameters

engineName (STRING): Name of the execution engine (e.g., "m" or "d").

api.fileio events

api.fileio

Severity

NOTICE

Description

This message occurs after a file I/O error that typically causes a Data ONTAP® API to fail. While processing Data ONTAP API requests, the system might write intermediate results to files. For example, a long running command returning quantities of data might send a batch of data and save remaining data in a file for subsequent delivery. An I/O error occurred during one of these operations.

Corrective Action

If the problem is related to creating a file, use the system's "df" and "df -i" commands to determine whether the root volume is full or all inodes are in use. If so, it might be possible to remove unneeded files to release space or inodes needed for Data ONTAP API operations. If the problem is that an intermediate file is being deleted because of its age, no action is needed. Probably the client that requested the API did not complete the API processing.

Syslog Message

(None).

Parameters

errorDescription (STRING): Description of the I/O error that occurred.

targetDescription (STRING): Description of the file or directory in which the error occurred.

errorCode (INT): Numeric error code.

errorDetail (STRING): Description of the error code.

api.input events

api.input.invalidSchema

Severity

ERROR

Description

This message occurs when an ONTAPI(tm) API receives extra input parameters as part of the API request or when a required input parameter is missing in the API request. Most often this is due to a bug in the application that initiates the API request.

Corrective Action

The error is due to strict schema validation. You can turn off the input schema validation by using the following CLI commands: `$priv set advanced $registry set state.api.schema_input_validate.enable off`

Syslog Message

Error in API input schema validation. API name: %s. Detailed error: %s.

Parameters

apiName (STRING): Name of the ONTAPI API in which something invalid was detected.

detailInfo (STRING): Description of the error in the API input, such as an extra input value or a missing input value.

api.output events

api.output.invalid

Severity

NOTICE

Description

This message occurs when An invalid character was detected while checking the output for a Data ONTAP® API. All Data ONTAP API output must be valid UTF-8 characters. From time to time invalid output is detected. Most often this is due to hardware errors, for example, a disk-list-info API might query a disk drive for its serial number but receive invalid data from a malfunctioning drive.

Corrective Action

Examine the information in detailInfo to see if it pinpoints defective hardware. If an API name is provided, that API can be executed to determine which field in the API output is being given invalid data.

Syslog Message

(None).

Parameters

detailInfo (STRING): Information regarding the circumstances in which the error was detected, for example, the API name and/or the piece of hardware that provided invalid data.

invalidValue (INHEX): The character in the string that was invalid, printed as a hexadecimal number.

api.output.invalidSchema

Severity

ERROR

Description

This message occurs when an ONTAPI(tm) API generates output that violates the declared schema of the API. Most often this is due to a bug in the API handler.

Corrective Action

The error is due to strict schema validation. You can turn off the output schema validation by using the following CLI commands: `$priv set advanced $registry set state.api.schema_output_validate.enable off`

Syslog Message

Error in API output schema validation. API name: %s. Detailed error: %s.

Parameters

apiName (STRING): Name of the ONTAPI API in which something invalid was detected.

detailInfo (STRING): Description of the error in the API output, such as an extra output value or a missing output value.

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