Manage

REST API reference

NetApp
September 12, 2025

This PDF was generated from https://docs.netapp.com/us-en/ontap-restapi-98/private_manage_event-remediations_endpoint_overview.html on September 12, 2025. Always check docs.netapp.com for the latest.

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Manage

Private manage event-remediations

Private manage event-remediations endpoint overview

Overview

Event remediations is the initial implementation of ONTAP self healing proof of concept.

This endpoint supports GET calls. GET is used to retrieve details about the event.

Event remediation and management action collection get

learn more

- [`doc /private/manage/event-remediations`](#docs-manage-private_manage_event-remediations)

GET `/private/manage/event-remediations`

Introduced In: 9.8

Event remediation and management action collection GET

Learn more

- DOC /private/manage/event-remediations

Parameters

Name	Type	In	Required	Description
max_records	integer	query	False	Limit the number of records returned.
return_records	boolean	query	False	The default is true for GET calls. When set to false, only the number of records is returned. • Default value: 1

Name	Type	In	Required	Description
return_timeout	integer	query	False	The number of seconds to allow the call to execute before returning. When iterating over a collection, the default is 15 seconds. ONTAP returns earlier if either max records or the end of the collection is reached. • Default value: 1 • Max value: 120 • Min value: 0
order_by	array[string]	query	False	Order results by specified fields and optional [asc
desc] direction. Default direction is 'asc' for ascending.	fields	array[string]	query	False

Response

```
Status: 200, Ok
```

Name	Type	Description
_links	_links	
num_records	integer	Number of records
records	array[event_remediations]	List of event remediations

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": "3",
  "records": [
    {
      "cluster": {
        "name": "cluster1",
        "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
      },
      "completion_time": "string",
      "description": "Disable Telnet",
      "event_remediation_action": "string",
      "event_remediation_action_type": "string",
      "event_remediation_state": "string",
      "event_type_name": "cluster_telnet_enabled",
      "id": "198",
      "solution": "Continue to disable telnet on the selected cluster
using the 'security protocol modify -application telnet -enabled false’
ontap cli command.",
      "source": {
        "object_id": "5666",
        "object_type": "inventory.ontap.fas.Cluster"
      },
      "source_full_name": "shrey-vsim1",
      "source_resource_type": "cluster",
      "start_time": "string"
    }
  ]
}
```


Error

```
Status: Default, Error
```

Name	Type	Description
error	error	

Example error


```
{
  "error": {
    "arguments": [
      {
        "code": "string",
        "message": "string"
      }
    ],
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```


Definitions

See Definitions

href

Name	Type	Description
href	string	

_links

Name	Type	Description
next	href	
self	href	

cluster

Name	Type	Description
name	string	
uuid	string	

source

Name	Type	Description
object_id	integer	
object_type	string	

event_remediations

Name	Type	Description
cluster	cluster	
completion_time	string	Completion time of the event
description	string	Description for the event
event_remediation_action	string	Event remediation action
event_remediation_action_type	string	Type of remediation action
event_remediation_state	string	State of the event remediation
event_type_name	string	Type of the event
id	integer	Event Identifier

Name	Type	Description
solution	string	Corrective action for the event
source	source	
source_full_name	string	Source of the event
source_resource_type	string	Type of source of the event
start_time	string	Start time of the event

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

Event remediation and management action

learn more

- [`doc /private/manage/event-remediations`](#docs-manage-private_manage_event-remediations)

GET `/private/manage/event-remediations/{id}`

Introduced In: 9.8

Event remediation and management action

Learn more

- DOC /private/manage/event-remediations

Parameters

Name	Type	In	Required	Description
id	integer	path	True	• Default value: 1
fields	array[string]	query	False	Specify the fields to return.

Response

```
Status: 200, Ok
```

Name	Type	Description
cluster	cluster	
completion_time	string	Completion time of the event
description	string	Description for the event
event_remediation_action	string	Event remediation action
event_remediation_action_type	string	Type of remediation action
event_remediation_state	string	State of the event remediation
event_type_name	string	Type of the event
id	integer	Event Identifier
solution	string	Corrective action for the event
source	source	
source_full_name	string	Source of the event
source_resource_type	string	Type of source of the event
start_time	string	Start time of the event

Example response


```
{
  "cluster": {
    "name": "cluster1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "completion_time": "string",
  "description": "Disable Telnet",
  "event_remediation_action": "string",
  "event_remediation_action_type": "string",
  "event_remediation_state": "string",
  "event_type_name": "cluster_telnet_enabled",
  "id": "198",
  "solution": "Continue to disable telnet on the selected cluster using
the 'security protocol modify -application telnet -enabled false' ontap
cli command.",
  "source": {
    "object_id": "5666",
    "object_type": "inventory.ontap.fas.Cluster"
  },
  "source_full_name": "shrey-vsim1",
  "source_resource_type": "cluster",
  "start_time": "string"
}
```


Error

```
Status: Default, Error
```

Name	Type	Description
error	error	

Example error


```
{
  "error": {
    "arguments": [
      {
        "code": "string",
        "message": "string"
      }
    ],
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```


Definitions

See Definitions

cluster

Name	Type	Description
name	string	
uuid	string	

source

Name	Type	Description
object_id	integer	
object_type	string	

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

Perform an event management action

learn more

- [`doc /private/manage/event-remediations`](#docs-manage-private_manage_event-remediations)

PATCH `/private/manage/event-remediations/{id}`

Introduced In: 9.8

Perform an event management action.

Learn more

- DOC /private/manage/event-remediations

Parameters

Name	Type	In	Required	Description
id	integer	path	True	• Default value: 1
return_timeout	integer	query	False	The number of seconds to allow the call to execute before returning. When doing a POST, PATCH, or DELETE operation on a single record, the default is 0 seconds. This means that if an asynchronous operation is started, the server immediately returns HTTP code 202 (Accepted) along with a link to the job. If a non-zero value is specified for POST, PATCH, or DELETE operations, ONTAP waits that length of time to see if the job completes so it can return something other than 202. • Default value: 1 • Max value: 120 • Min value: 0

Request Body

Name	Type	Description
cluster	cluster	
completion_time	string	Completion time of the event

Name	Type	Description
description	string	Description for the event
event_remediation_action	string	Event remediation action
event_remediation_action_type	string	Type of remediation action
event_remediation_state	string	State of the event remediation
event_type_name	string	Type of the event
id	integer	Event Identifier
solution	string	Corrective action for the event
source	source	
source_full_name	string	Source of the event
source_resource_type	string	Type of source of the event
start_time	string	Start time of the event

Example request


```
{
  "cluster": {
    "name": "cluster1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "completion_time": "string",
  "description": "Disable Telnet",
  "event_remediation_action": "string",
  "event_remediation_action_type": "string",
  "event_remediation_state": "string",
  "event_type_name": "cluster_telnet_enabled",
  "id": "198",
  "solution": "Continue to disable telnet on the selected cluster using the 'security protocol modify -application telnet -enabled false' ontap cli command.",
  "source": {
    "object_id": "5666",
    "object_type": "inventory.ontap.fas.Cluster"
  },
  "source_full_name": "shrey-vsim1",
  "source_resource_type": "cluster",
  "start_time": "string"
}
```


Response

```
Status: 202, Accepted
```

Name	Type	Description
job	job_link	

Example response


```
{
  "job": {
    "uuid": "string"
  }
}
```

Error

```
Status: Default, Ontap error response codes
```

Definitions

See Definitions

cluster

Name	Type	Description
name	string	
uuid	string	

source

Name	Type	Description
object_id	integer	
object_type	string	

event_remediations

Name	Type	Description
cluster	cluster	
completion_time	string	Completion time of the event
description	string	Description for the event
event_remediation_action	string	Event remediation action
event_remediation_action_type	string	Type of remediation action
event_remediation_state	string	State of the event remediation
event_type_name	string	Type of the event
id	integer	Event Identifier
solution	string	Corrective action for the event
source	source	
source_full_name	string	Source of the event
source_resource_type	string	Type of source of the event
start_time	string	Start time of the event

href

Name	Type	Description
href	string	

_links

job_link

Name	Type	Description
uuid	string	The UUID of the asynchronous job that is triggered by a POST, PATCH, or DELETE operation.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

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