



## Manage

### ONTAP 9.8 REST API reference

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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. <ul style="list-style-type: none"><li>• Default value: 1</li></ul>

Name	Type	In	Required	Description
return_timeout	integer	query	False	<p>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.</p> <ul style="list-style-type: none"> <li>• Default value: 1</li> <li>• Max value: 120</li> <li>• Min value: 0</li> </ul>
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	<a href="#">_links</a>	
num_records	integer	Number of records
records	array[ <a href="#">event_remediations</a> ]	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"
    },
    "description": "Disable Telnet",
    "event_remediation_action": "perform",
    "event_remediation_action_type": "manual",
    "event_remediation_state": "waiting",
    "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-vsimpl",
    "source_resource_type": "cluster"
  }
}
```

## 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	<a href="#">href</a>	
self	<a href="#">href</a>	

cluster

Name	Type	Description
name	string	
uuid	string	

source

Name	Type	Description
object_id	integer	
object_type	string	

event\_remediations

Name	Type	Description
cluster	<a href="#">cluster</a>	
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	<a href="#">source</a>	
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[ <a href="#">error_arguments</a> ]	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	<a href="#">cluster</a>	
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	<a href="#">source</a>	
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"
  },
  "description": "Disable Telnet",
  "event_remediation_action": "perform",
  "event_remediation_action_type": "manual",
  "event_remediation_state": "waiting",
  "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-vsimg1",
  "source_resource_type": "cluster"
}
```

## 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[ <a href="#">error_arguments</a> ]	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	<ul style="list-style-type: none"><li>• Default value: 1</li></ul>
return_timeout	integer	query	False	<p>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.</p> <ul style="list-style-type: none"><li>• Default value: 1</li><li>• Max value: 120</li><li>• Min value: 0</li></ul>

## Request Body

Name	Type	Description
cluster	<a href="#">cluster</a>	
completion_time	string	Completion time of the event

<b>Name</b>	<b>Type</b>	<b>Description</b>
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	<a href="#">source</a>	
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"
  },
  "description": "Disable Telnet",
  "event_remediation_action": "perform",
  "event_remediation_action_type": "manual",
  "event_remediation_state": "waiting",
  "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-vsimg1",
  "source_resource_type": "cluster"
}
```

## Response

Status: 202, Accepted

Name	Type	Description
job	<a href="#">job_link</a>	

## Example response

```
{
  "job": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "uuid": "string"
  }
}
```

## Error

Status: Default, Ontap error response codes

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	

event\_remediations

Name	Type	Description
cluster	<a href="#">cluster</a>	
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	<a href="#">source</a>	
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

Name	Type	Description
self	<a href="#">href</a>	

job\_link

Name	Type	Description
_links	<a href="#">_links</a>	
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[ <a href="#">error_arguments</a> ]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

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