Manage an event destination instance

REST API reference

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Manage an event destination instance

Support EMS destinations name endpoint overview

Overview

Manages a specific instance of a destination. There are limits to the information that you can modify after a destination is created. For example, you cannot change a destination's type, but you can modify the underlying details of the type.

The system defines default destinations that cannot be removed or modified. These destinations are specified by setting the "system_defined" field to "true".

See the documentation for /support/ems/destinations for details on the various properties in a destination.

Examples

Retrieving a specific destination instance

```
# The API:
GET /api/support/ems/destinations/{name}

# The call:
curl -X GET "https://<mgmt-ip>/api/support/ems/destinations/snmp-traphost"
-H "accept: application/hal+json"

# The response:
200 OK

# JSON Body
{
"name": "snmp-traphost",
"type": "snmp",
"destination": "",
"filters": [
  {
    "name": "default-trap-events",
    "_links": {
      "self": {
        "href": "/api/support/ems/filters/default-trap-events"
      }
    }
  }
],
"_links": {
  "self": {
    "href": "/api/support/ems/destinations/snmp-traphost"
  }
}
}
```

Updating an existing destination (change of email address)

```
# The API:
PATCH /api/support/ems/destinations/{name}

# The call:
curl -X POST "https://<mgmt-ip>/api/support/ems/destinations/test-
destination" -H "accept: application/hal+json" -H "Content-Type:
application/json" -d "@test_ems_destinations_patch.txt"
test_ems_destinations_patch.txt(body):
{
"destination": "support@mycompany.com"
}

# The response:
200 OK
```

Deleting an existing destination

```
# The API:
DELETE /api/support/ems/destinations/{name}

# The call:
curl -X DELETE "https://<mgmt-ip>/api/support/ems/destinations/test-
destination" -H "accept: application/hal+json"

# The response:
200 OK
```

Delete an event destination

DELETE `/support/ems/destinations/{name}`

Introduced In: 9.6

Deletes an event destination.

Related ONTAP commands

- `event notification destination delete`
- `event notification delete`

Parameters

Name	Type	In	Required	Description
name	string	path	True	Destination name

Response

```
Status: 200, Ok
```

Error

```
Status: Default
```

ONTAP Error Response Codes

Error Code	Description
983152	Default destinations cannot be modified or removed

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

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.

Retrieve an event destination

GET `/support/ems/destinations/{name}`

Introduced In: 9.6

Retrieves event destinations.

Related ONTAP commands

- `event notification destination show`
- `event notification show`

Parameters

Name	Type	In	Required	Description
name	string	path	True	Destination name
fields	array[string]	query	False	Specify the fields to return.

Response

```
Status: 200, Ok
```

Name	Type	Description
_links	_links	
certificate	certificate	Certificate information is valid for the "rest_api" type.
destination	string	Event destination
filters	array[filters]	
name	string	Destination name. Valid in POST.
system_defined	boolean	Flag indicating system-defined destinations.
type	string	Type of destination. Valid in POST.

Example response


```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "certificate": {
    "ca": "VeriSign",
    "serial_number": "1234567890"
  },
  "destination": "<a href="
mailto:administrator@mycompany.com">administrator@mycompany.com</a>",
  "filters": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "important-events"
    }
  ],
  "name": "Admin_Email",
  "system_defined": 1,
  "type": "email"
}
```


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
self	href	

certificate

Certificate information is valid for the "rest_api" type.

Name	Type	Description
ca	string	Client certificate issuing CA
serial_number	string	Client certificate serial number

filters

Name	Type	Description
_links	_links	
name	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

Name	Type	Description
target	string	The target parameter that caused the error.

Update an event destination

PATCH `/support/ems/destinations/{name}`

Introduced In: 9.6

Updates an event destination.

Recommended optional properties

- `filters.name` - New list of filters that should direct to this destination. The existing list is discarded.
- `certificate` - New certificate parameters when the destination type is `rest api`.

Related ONTAP commands

- `event notification destination modify`
- `event notification modify`

Parameters

Name	Type	In	Required	Description
name	string	path	True	Destination name

Request Body

Name	Type	Description
certificate	certificate	Certificate information is valid for the "rest_api" type.
destination	string	Event destination
filters	array[filters]	
system_defined	boolean	Flag indicating system-defined destinations.

Example request

```
{
  "certificate": {
    "ca": "VeriSign",
    "serial_number": "1234567890"
  },
  "destination": "<a href="
mailto:administrator@mycompany.com">administrator@mycompany.com</a>",
  "filters": [
    {
      "name": "important-events"
    }
  ],
  "system_defined": 1
}
```

Response

```
Status: 200, Ok
```

Name	Type	Description
certificate	certificate	Certificate information is valid for the "rest_api" type.
destination	string	Event destination
filters	array[filters]	
system_defined	boolean	Flag indicating system-defined destinations.

Example response


```
{
  "certificate": {
    "ca": "VeriSign",
    "serial_number": "1234567890"
  },
  "destination": "<a href="
mailto:administrator@mycompany.com">administrator@mycompany.com</a>",
  "filters": [
    {
      "name": "important-events"
    }
  ],
  "system_defined": 1
}
```


Error

```
Status: Default
```

ONTAP Error Response Codes

Error Code	Description
983088	The destination name provided cannot be empty
983089	The destination name provided cannot contain spaces
983094	The destination name provided is invalid. The destination name must contain between 2 and 64 characters and start and end with an alphanumeric symbol or _(underscore). The allowed special characters are _(underscore) and -(hyphen)
983104	The syslog destination provided is invalid
983116	The number of notifications has reached maximum capacity
983117	The number of destinations has reached maximum capacity
983129	The rest-api destination must contain a valid scheme, such as http// or https//
983130	The rest-api destination provided contains an invalid URL

Error Code	Description
983131	The rest-api destination provided contains an invalid IPv6 URL
983142	The security certificate provided does not exist
983143	The private security key provided does not exist
983144	The security certificate information provided is incomplete. Provide the certificate and serial number
983145	The rest-api destination provided has an 'http://' scheme. It is invalid to provide certificate information
983150	The type of an existing destination cannot be changed
983151	A property provided cannot be configured on the requested destination type
983152	Default destinations cannot be modified or removed

Definitions

See Definitions

href

Name	Type	Description
href	string	

_links

certificate

Certificate information is valid for the "rest_api" type.

Name	Type	Description
ca	string	Client certificate issuing CA
serial_number	string	Client certificate serial number

filters

Name	Type	Description
name	string	

ems_destination

Name	Type	Description
certificate	certificate	Certificate information is valid for the "rest_api" type.
destination	string	Event destination
filters	array[filters]	
system_defined	boolean	Flag indicating system-defined destinations.

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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