



# Manage individual SNMP traphosts

## ONTAP 9.8 REST API reference

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# Table of Contents

- Manage individual SNMP traps . . . . . 1
  - Support SNMP traps host endpoint overview . . . . . 1
  - Delete an SNMP trap . . . . . 2
  - Retrieve SNMP trap details . . . . . 5

# Manage individual SNMP traphosts

## Support SNMP traphosts host endpoint overview

### Overview

Defines, retrieves or deletes an individual SNMP traphost.

### Examples

#### Retrieves an individual traphost in the cluster

```
# The API:
GET "/api/support/snmp/traphosts/{host}"

# The call
curl -H "accept: application/hal+json" -X GET "https://<mgmt-
ip>/api/support/snmp/traphosts/10.235.36.62"

# The response
{
  "host": "scspr0651011001.gdl.englab.netapp.com",
  "ip_address": "10.235.36.62",
  "user": {
    "name": "public",
    "_links": {
      "self": {
        "href":
"/api/support/snmp/users/800003150558b57e8dbd9ce9119d82005056a7b4e5/public
"
      }
    }
  },
  "_links": {
    "self": {
      "href": "/api/support/snmp/traphosts/10.235.36.62"
    }
  }
}
```

#### Deletes an individual traphost in the cluster

```
# The API:
DELETE "/api/support/snmp/traphosts/{host}"

# The call:
curl -H "accept: application/json" -H "Content-Type: application/json" -X
DELETE "https://<mgmt-
ip>/api/support/snmp/traphosts/3ffe:ffff:100:f102::1"

# The response:
200 OK
{}
```

## Delete an SNMP traphost

DELETE /support/snmp/traphosts/{host}

**Introduced In:** 9.7

Deletes an SNMP traphost.

### Learn more

- [DOC /support/snmp/traphosts/{host}](#)

### Parameters

Name	Type	In	Required	Description
host	string	path	True	Fully Qualified Domain Name (FQDN), IPv4 address or IPv6 address of SNMP traphost.

Name	Type	In	Required	Description
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>

## Response

Status: 200, Ok

## Error

Status: Default

### ONTAP Error Response Codes

Error Code	Description
9043970	Traphost entry does not exist.

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

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

# Retrieve SNMP traphost details

GET /support/snmp/traphosts/{host}

Introduced In: 9.7

Retrieves the details of an SNMP traphost along with the SNMP user configured for that traphost.

## Learn more

- [DOC /support/snmp/traphosts/{host}](#)

## Parameters

Name	Type	In	Required	Description
host	string	path	True	Fully Qualified Domain Name (FQDN), IPv4 address or IPv6 address of SNMP traphost.
fields	array[string]	query	False	Specify the fields to return.
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. <ul style="list-style-type: none"><li>• Default value: 1</li><li>• Max value: 120</li><li>• Min value: 0</li></ul>

## Response

Status: 200, Ok

Name	Type	Description
<code>_links</code>	<code>_links</code>	
<code>host</code>	<code>string</code>	Fully qualified domain name (FQDN), IPv4 address or IPv6 address of SNMP traphost.
<code>ip_address</code>	<code>string</code>	IPv4 or IPv6 address
<code>user</code>	<code>user</code>	Optional SNMP user parameter. For an SNMPv3 traphost, this property refers to an SNMPv3 or User-based Security Model (USM) user. For an SNMPv1 or SNMPv2c traphost, this property refers to an SNMP community.

### Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "host": "traphost.example.com",
  "ip_address": "10.10.10.7",
  "user": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "snmpv3user3"
  }
}
```

### Error

Status: Default, Error

Name	Type	Description
<code>error</code>	<code>error</code>	



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

user

Optional SNMP user parameter. For an SNMPv3 traphost, this property refers to an SNMPv3 or User-based Security Model (USM) user. For an SNMPv1 or SNMPv2c traphost, this property refers to an SNMP community.

Name	Type	Description
<a href="#">_links</a>	<a href="#">_links</a>	
name	string	<p>Optional SNMPv1/SNMPv2c or SNMPv3 user name. For an SNMPv3 traphost, this object refers to an SNMPv3 or User-based Security Model (USM) user. For an SNMPv1 or SNMPv2c traphost, this object refers to an SNMP community. For an SNMPv3 traphost, this object is mandatory and refers to an SNMPv3 or User-based Security Model (USM) user. For an SNMPv1 or SNMPv2c traphost, ONTAP automatically uses "public", if the same is configured, or any other configured community as user. So, for an SNMPv1 or SNMPv2c traphost, this property should not be provided in the "POST" method. However, the configured community for the SNMPv1/SNMPv2c traphost is returned by the "GET" method.</p> <ul style="list-style-type: none"><li>• example: snmpv3user3</li><li>• Introduced in: 9.7</li></ul>

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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