



View host records

ONTAP 9.10.1 REST API Documentation

NetApp
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View host records

Name-services host-record svm.uuid host endpoint overview

Overview

Displays the IP address of the specified hostname and vice-versa.

Retrieving the host table entries

The host-record GET endpoint to retrieve the hostname for a given Ip address and vice-versa.

Examples

Retrieving the hostname for a given IP address.

```
# The API:
GET /api/name-services/host-record/{svm.uuid}/{host}

# The call:
curl -X GET "https://<mgmt-ip>/api/name-services/host-record/77e23bd4-a8fe-11eb-99e0-0050568e14ff/127.0.0.1" -H "accept: application/json"

# The response:
{
  "svm": {
    "uuid": "77e23bd4-a8fe-11eb-99e0-0050568e14ff",
    "name": "svm1"
  },
  "host": "127.0.0.1",
  "ipv4_addresses": [
    "127.0.0.1"
  ],
  "hostname": "localhost"
}
```

Retrieving the Ip address for a given hostname.

```

# The API:
GET /api/name-services/host-record/{svm.uuid}/{host}

# The call:
curl -X GET "https://<mgmt-ip>/api/name-services/host-record/77e23bd4-
a8fe-11eb-99e0-0050568e14ff/localhost" -H "accept: application/json"

# The response:
{
  "svm": {
    "uuid": "77e23bd4-a8fe-11eb-99e0-0050568e14ff",
    "name": "svm1"
  },
  "host": "localhost",
  "ipv4_addresses": [
    "127.0.0.1"
  ],
  "ipv6_addresses": [
    "::1"
  ],
  "hostname": "localhost",
  "canonical_name": "localhost"
}

```

Retrieve an IP address of a hostname

GET /name-services/host-record/{svm.uuid}/{host}

Introduced In: 9.10

Retrieves the IP address of the specified hostname.

Related ONTAP commands

- `vserver services name-service getxxbyyy getnameinfo`
- `vserver services name-service getxxbyyy getaddrinfo`

Parameters

Name	Type	In	Required	Description
host	string	path	True	Hostname or IP address

Name	Type	In	Required	Description
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.
fields	array[string]	query	False	Specify the fields to return.

Response

Status: 200, Ok

Name	Type	Description
canonical_name	string	Canonical name of the host.
host	string	IP address or hostname.
hostname	string	Hostname.
ipv4_addresses	array[string]	List of IPv4 addresses
ipv6_addresses	array[string]	List of IPv6 addresses
svm	svm	

Example response

```
{
  "canonical_name": "localhost",
  "host": "localhost",
  "hostname": "localhost",
  "ipv4_addresses": [
    "127.0.0.1"
  ],
  "ipv6_addresses": [
    ":1"
  ],
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

Error

Status: Default

ONTAP Error Response Codes

Error Code	Description
8912900	Invalid IP address.

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	

svm

Name	Type	Description
_links	_links	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

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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