



## **View host records**

### **ONTAP 9.12.1 REST API reference**

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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",
  "source": "Files"
}
```

#### 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",
  "source": "Files"
}

```

## 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
use_cache	boolean	query	False	Enables or disables the cache.  <ul style="list-style-type: none"> <li>• Introduced in: 9.11</li> <li>• Default value:</li> </ul>
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.
source	string	Source used for lookup.
svm	<a href="#">svm</a>	

## Example response

```
{
  "canonical_name": "localhost",
  "host": "localhost",
  "hostname": "localhost",
  "ipv4_addresses": [
    "127.0.0.1"
  ],
  "ipv6_addresses": [
    ":1"
  ],
  "source": "Files",
  "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	<a href="#">href</a>	

svm

Name	Type	Description
_links	<a href="#">_links</a>	
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[ <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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