



# **Manage global cache settings**

## **REST API reference**

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# Manage global cache settings

## Manage global cache settings

### Overview

This API is used to retrieve and manage global nameservice cache settings.

### Examples

#### Retrieving a global nameservice cache setting

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The following example shows how to use the cache setting GET endpoint to retrieve the global nameservice cache setting.

```
# The API:
GET /api/name-services/cache/setting

# The call:
curl -X GET "https://<mgmt-ip>/api/name-services/cache/setting" -H
"accept: application/hal+json"

# The response:
{
  "eviction_time_interval": "P2D",
  "remote_fetch_enabled": true
}
```

#### Updating a global nameservice cache setting

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The following example shows how to use the cache setting PATCH endpoint to update the global nameservice cache setting.

```
# The API:
PATCH /api/name-services/cache/setting

# The call:
curl -X PATCH "https://<mgmt-ip>/api/name-services/cache/setting" -H
"accept: application/json" -H "Content-Type: application/json" -d "{
  \"eviction_time_interval\": \"PT2H\" }"
```

# Retrieve a global name service cache setting

GET /name-services/cache/setting

Introduced In: 9.11

Retrieves a global nameservice cache setting.

## Related ONTAP commands

- `vserver services name-service cache settings show`

## Learn more

- [DOC /name-services/cache/setting](#)

## Parameters

Name	Type	In	Required	Description
eviction_time_interval	string	query	False	Filter by eviction_time_interval
remote_fetch_enabled	boolean	query	False	Filter by remote_fetch_enabled
fields	array[string]	query	False	Specify the fields to return.
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: 15</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

## Response

Status: 200, Ok

Name	Type	Description
_links	<a href="#">_links</a>	
eviction_time_interval	string	Specifies the time interval, in ISO 8601 format after which a periodic cache eviction happens. Default is 4 hours.
remote_fetch_enabled	boolean	Indicates whether or not a node is allowed to fetch the data from a remote node.

## Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "eviction_time_interval": "PT2H"
}
```

## Error

Status: Default, Error

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

## 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>	

error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned\_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.

## Update a global name service cache setting

PATCH /name-services/cache/setting

**Introduced In:** 9.11

Updates a global nameservice cache setting.

### Important notes

- Both the cache eviction time and remote fetch option can be modified.

## Related ONTAP commands

- `vserver services name-service cache settings modify`

## Learn more

- [DOC /name-services/cache/setting](#)

## Request Body

Name	Type	Description
eviction_time_interval	string	Specifies the time interval, in ISO 8601 format after which a periodic cache eviction happens. Default is 4 hours.
remote_fetch_enabled	boolean	Indicates whether or not a node is allowed to fetch the data from a remote node.

## Example request

```
{
  "eviction_time_interval": "PT2H"
}
```

## Response

Status: 200, Ok

## Error

Status: Default, Error

## Definitions



## See Definitions

href

Name	Type	Description
href	string	

\_links

global\_cache\_setting

Name	Type	Description
eviction_time_interval	string	Specifies the time interval, in ISO 8601 format after which a periodic cache eviction happens. Default is 4 hours.
remote_fetch_enabled	boolean	Indicates whether or not a node is allowed to fetch the data from a remote node.

error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned\_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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