



Manage global cache settings

REST API reference

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Table of Contents

Manage global cache settings	1
Manage global cache settings	1
Overview	1
Examples	1
Retrieve a global name service cache setting	2
Related ONTAP commands	2
Learn more	2
Parameters	2
Response	3
Error	4
Definitions	4
Update a global name service cache setting	5
Important notes	5
Related ONTAP commands	6
Learn more	6
Request Body	6
Response	6
Error	6
Definitions	6

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

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

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">• Default value: 1

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"> • Default value: 15 • Max value: 120 • Min value: 0
order_by	array[string]	query	False	Order results by specified fields and optional [asc]

Response

Status: 200, Ok

Name	Type	Description
_links	_links	
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	returned_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	

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_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.

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[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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