



## **View and update audit settings**

### **ONTAP 9.9.1 REST API reference**

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# View and update audit settings

## Security audit endpoint overview

### Overview

This API controls what is logged to the audit log files. All operations that make changes are always logged and cannot be disabled. The PATCH request updates administrative audit settings for GET requests. All fields are optional for a PATCH request. A GET request retrieves administrative audit settings for GET requests.

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### Examples

#### Retrieving administrative audit settings for GET requests

The following example shows the administrative audit settings for GET requests.

---

```
# The API:
/api/security/audit

# The call:
curl -X GET "https://<cluster-ip>/api/security/audit"

# The response:
{
  "cli": false,
  "http": false,
  "ontapi": false,
  "_links": {
    "self": {
      "href": "/api/security/audit"
    }
  }
}
```

#### Updating administrative audit settings for GET requests

The following example updates the administrative audit settings for GET requests

---

```
# The API:
/api/security/audit

# The call:
curl -X PATCH "https://<cluster-ip>/api/security/audit" -d
'{"cli":"false", "http": "true", "ontapi": "true"}'
```

## Retrieve administrative audit settings for GET requests

GET /security/audit

**Introduced In:** 9.6

Retrieves administrative audit settings for GET requests.

### Parameters

Name	Type	In	Required	Description
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: 1</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
desc] direction. Default direction is 'asc' for ascending.	fields	array[string]	query	False

## Response

Status: 200, Ok

Name	Type	Description
cli	boolean	Enable auditing of CLI GET Operations. Valid in PATCH
http	boolean	Enable auditing of HTTP GET Operations. Valid in PATCH
ontapi	boolean	<p>Enable auditing of ONTAP API GET operations. Valid in PATCH</p> <ul style="list-style-type: none"> <li>• Introduced in: 9.6</li> </ul>

## Error

Status: Default, Error

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

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.

## Update administrative audit settings for GET requests

PATCH /security/audit

**Introduced In:** 9.6

Updates administrative audit settings for GET requests. All of the fields are optional. An empty body will make no changes.

### Parameters

Name	Type	In	Required	Description
return_records	boolean	query	False	The default is false. If set to true, the records are returned. <ul style="list-style-type: none"><li>• Default value:</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 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>

## Request Body

Name	Type	Description
cli	boolean	Enable auditing of CLI GET Operations. Valid in PATCH
http	boolean	Enable auditing of HTTP GET Operations. Valid in PATCH
ontapi	boolean	<p>Enable auditing of ONTAP API GET operations. Valid in PATCH</p> <ul style="list-style-type: none"> <li>• Introduced in: 9.6</li> </ul>



## Response

Status: 202, Accepted

Name	Type	Description
cli	boolean	Enable auditing of CLI GET Operations. Valid in PATCH
http	boolean	Enable auditing of HTTP GET Operations. Valid in PATCH
ontapi	boolean	Enable auditing of ONTAP API GET operations. Valid in PATCH <ul style="list-style-type: none"><li>• Introduced in: 9.6</li></ul>

## Error

Status: Default, Error

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

#### security\_audit

Name	Type	Description
cli	boolean	Enable auditing of CLI GET Operations. Valid in PATCH
http	boolean	Enable auditing of HTTP GET Operations. Valid in PATCH
ontapi	boolean	Enable auditing of ONTAP API GET operations. Valid in PATCH <ul style="list-style-type: none"><li>• Introduced in: 9.6</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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