



# **Manage web services security configuration**

## **REST API reference**

NetApp  
July 17, 2026

This PDF was generated from [https://docs.netapp.com/us-en/ontap-restapi-9181/svm\\_svms\\_svm.uuid\\_web\\_endpoint\\_overview.html](https://docs.netapp.com/us-en/ontap-restapi-9181/svm_svms_svm.uuid_web_endpoint_overview.html) on July 17, 2026. Always check [docs.netapp.com](https://docs.netapp.com) for the latest.

# Table of Contents

- Manage web services security configuration . . . . . 1
  - Manage web services security configuration . . . . . 1
    - Updating the web services security configuration . . . . . 1
    - Examples . . . . . 1
  - Retrieve the web services security configuration . . . . . 3
    - Parameters . . . . . 3
    - Response . . . . . 3
    - Error . . . . . 5
    - Definitions . . . . . 5
  - Update the web services security configuration . . . . . 7
    - Parameters . . . . . 7
    - Request Body . . . . . 8
    - Response . . . . . 9
    - Response . . . . . 9
    - Error . . . . . 9
    - Definitions . . . . . 10

# Manage web services security configuration

## Manage web services security configuration

You can use this API to update and retrieve the web services security configuration for each data SVM.

### Updating the web services security configuration

The following fields can be used to update the web services security configuration:

- `certificate.uuid`
- `client_enabled`
- `ocsp_enabled` When updating the certificate, the certificate UUID of an existing certificate known to ONTAP must be provided. The certificate must be of type "server".

A "client-ca" certificate must be installed on ONTAP to enable "client\_enabled".

### Examples

#### Retrieving the web services security configuration

```
# API:
GET /api/svm/svms/{svm.uuid}/web

# The call:
curl -X GET "https://<mgmt-ip>/api/svm/svms/3c1b259d-5789-a2eb-9301-10705682b34f/web" -H "accept: application/hal+json"

# The response:
{
  "svm": {
    "uuid": "3c1b259d-5789-a2eb-9301-10705682b34f",
    "name": "svm2",
    "_links": {
      "self": {
        "href": "/api/svm/svms/3c1b259d-5789-a2eb-9301-10705682b34f"
      }
    }
  },
  "certificate": {
    "uuid": "a3bb219d-4382-1fe0-9c06-1070568ea23d",
    "name": "cert1",
    "_links": {
      "self": {
        "href": "/api/security/certificates/a3bb219d-4382-1fe0-9c06-1070568ea23d"
      }
    }
  },
  "client_enabled": false,
  "ocsp_enabled": false,
  "_links": {
    "self": {
      "href": "/api/svm/svms/3c1b259d-5789-a2eb-9301-10705682b34f/web"
    }
  }
}
```

## Updating the web services security configuration

```
# The API:
PATCH /api/svm/svms/{svm.uuid}/web

# The call:
curl -X PATCH "https://<mgmt-ip>/api/svm/svms/3c1b259d-5789-a2eb-9301-10705682b34f/web" -d '{ "certificate": {"uuid": "56da2799-13bc-2ae4-0c16-0c71244ea2ca" } }' -H "accept: application/hal+json"

# The response:
HTTP/1.1 202 Accepted
Date: Fri, 28 May 2021 09:36:43 GMT
Server: libzapid-httpd
Cache-Control: no-cache,no-store,must-revalidate
Content-Length: 189
Content-Type: application/hal+json
```

## Retrieve the web services security configuration

GET /svm/svms/{svm.uuid}/web

Introduced In: 9.10

Retrieves the web services security configuration.

### Parameters

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

### Response

Status: 200, Ok

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

| Name           | Type                        | Description                                                                             |
|----------------|-----------------------------|-----------------------------------------------------------------------------------------|
| certificate    | <a href="#">certificate</a> | Certificate used by cluster and node management interfaces for TLS connection requests. |
| client_enabled | boolean                     | Indicates whether client authentication is enabled.                                     |
| ocsp_enabled   | boolean                     | Indicates whether online certificate status protocol verification is enabled.           |
| svm            | <a href="#">svm</a>         | SVM, applies only to SVM-scoped objects.                                                |

### Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "certificate": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "cert1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

## 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> |             |

certificate

Certificate used by cluster and node management interfaces for TLS connection requests.

| Name   | Type                   | Description      |
|--------|------------------------|------------------|
| _links | <a href="#">_links</a> |                  |
| name   | string                 | Certificate name |
| uuid   | string                 | Certificate UUID |

svm

SVM, applies only to SVM-scoped objects.

| Name   | Type                   | Description                                                                         |
|--------|------------------------|-------------------------------------------------------------------------------------|
| _links | <a href="#">_links</a> |                                                                                     |
| name   | string                 | The name of the SVM. This field cannot be specified in a PATCH method.              |
| uuid   | string                 | The unique identifier of the SVM. This field cannot be specified in a PATCH method. |

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 the web services security configuration

PATCH /svm/svms/{svm.uuid}/web

**Introduced In:** 9.10

Updates the web services security configuration.

### Parameters

| 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: 0</li> <li>• Max value: 120</li> <li>• Min value: 0</li> </ul> |
| svm.uuid       | string  | path  | True     | UUID of the SVM to which this object belongs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Request Body

| Name           | Type                        | Description                                                                             |
|----------------|-----------------------------|-----------------------------------------------------------------------------------------|
| certificate    | <a href="#">certificate</a> | Certificate used by cluster and node management interfaces for TLS connection requests. |
| client_enabled | boolean                     | Indicates whether client authentication is enabled.                                     |

| Name         | Type    | Description                                                                   |
|--------------|---------|-------------------------------------------------------------------------------|
| ocsp_enabled | boolean | Indicates whether online certificate status protocol verification is enabled. |
| svm          | svm     | SVM, applies only to SVM-scoped objects.                                      |

### Example request

```
{
  "certificate": {
    "name": "cert1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "svm": {
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

### Response

Status: 200, Ok

### Response

Status: 202, Accepted

### Error

Status: Default

### ONTAP Error Response Codes

| Error Code | Description                                                              |
|------------|--------------------------------------------------------------------------|
| 9830442    | Client authentication cannot be enabled without a client ca certificate. |
| 9830488    | The certificate is not a "server" certificate.                           |

| Error Code | Description                                       |
|------------|---------------------------------------------------|
| 9830489    | The certificate does not exist for the given SVM. |

Also see the table of common errors in the [Response body](#) overview section of this documentation.

## Definitions

## See Definitions

href

| Name | Type   | Description |
|------|--------|-------------|
| href | string |             |

\_links

certificate

Certificate used by cluster and node management interfaces for TLS connection requests.

| Name | Type   | Description      |
|------|--------|------------------|
| name | string | Certificate name |
| uuid | string | Certificate UUID |

svm

SVM, applies only to SVM-scoped objects.

| Name | Type   | Description                                                                         |
|------|--------|-------------------------------------------------------------------------------------|
| name | string | The name of the SVM. This field cannot be specified in a PATCH method.              |
| uuid | string | The unique identifier of the SVM. This field cannot be specified in a PATCH method. |

web\_svm

| Name           | Type                        | Description                                                                             |
|----------------|-----------------------------|-----------------------------------------------------------------------------------------|
| certificate    | <a href="#">certificate</a> | Certificate used by cluster and node management interfaces for TLS connection requests. |
| client_enabled | boolean                     | Indicates whether client authentication is enabled.                                     |
| ocsp_enabled   | boolean                     | Indicates whether online certificate status protocol verification is enabled.           |

| Name | Type                | Description                              |
|------|---------------------|------------------------------------------|
| svm  | <a href="#">svm</a> | SVM, applies only to SVM-scoped objects. |

#### 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. |

## Copyright information

Copyright © 2026 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

## Trademark information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.