Cluster certificates requests

<table>
<thead>
<tr>
<th>Method</th>
<th>Path</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GET</td>
<td>/v1/cluster/certificates</td>
<td>Get cluster certificates</td>
</tr>
<tr>
<td>DELETE</td>
<td>/v1/cluster/certificates/{certificate_name}</td>
<td>Delete cluster certificate</td>
</tr>
</tbody>
</table>

Get cluster certificates

GET /v1/cluster/certificates

Get the cluster's certificates.

Required permissions

<table>
<thead>
<tr>
<th>Permission name</th>
</tr>
</thead>
<tbody>
<tr>
<td>view_cluster_info</td>
</tr>
</tbody>
</table>

Request

Example HTTP request

GET /cluster/certificates

Request headers

<table>
<thead>
<tr>
<th>Key</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Host</td>
<td>cnm.cluster.fqdn</td>
<td>Domain name</td>
</tr>
<tr>
<td>Accept</td>
<td>application/json</td>
<td>Accepted media type</td>
</tr>
</tbody>
</table>

Response

Returns a JSON object that contains the cluster's certificates and keys.

Example JSON body

```json
{
    "api_cert": "-----BEGIN CERTIFICATE-----...-----END CERTIFICATE-----",
    "api_key": "-----BEGIN RSA PRIVATE KEY-----...-----END RSA PRIVATE KEY-----",
    "// additional certificates..."
}
```

Status codes
### Delete cluster certificate

DELETE /v1/cluster/certificates/{string: certificate_name}

Removes the specified cluster certificate from both CCS and disk across all nodes. Only optional certificates can be deleted through this endpoint.

### Request

#### Example HTTP request

DELETE /cluster/certificates/<certificate_name>

### Request headers

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<thead>
<tr>
<th>Key</th>
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<td>Accepted media type</td>
</tr>
</tbody>
</table>

### Response

Returns a status code that indicates the certificate deletion success or failure.

### Status codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 OK</td>
<td>Operation successful</td>
</tr>
<tr>
<td>404 Not Found</td>
<td>Failed, requested deletion of an unknown certificate</td>
</tr>
<tr>
<td>403 Forbidden</td>
<td>Failed, requested deletion of a required certificate</td>
</tr>
<tr>
<td>500 Internal Server Error</td>
<td>Failed, error while deleting certificate from disk</td>
</tr>
</tbody>
</table>

**Updated:** November 29, 2021