

Certificate Template API (0.0.1)

Certificate Authority

APIs for Certificate Authority Management.

Create New Certificate Authority

REQUEST BODY SCHEMA: multipart/form-data ▾

required

publicKey required	string <binary> The public key of the certificate authority must be uploaded.
privateKey	string <binary> The private key is only necessary if you plan to issue certificate using this certificate authority.
password	string If upload private key is password-protected, specify the password. If not, leave the password blank.

Responses

— 202 Certificate Authority created

> 400 Invalid Certificate Authority content

POST /certificateAuthorities ▾

Request samples

Payload

Content type
multipart/form-data ▾

No sample

Response samples

202

400

Content type
application/json ▾

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Get Specific Certificate Authority

PATH PARAMETERS

caId
required
string
CA id

Responses

> **200** Certificate Authority

> **404** Certificate Authority not found

GET /certificateAuthorities/{caId}

Response samples

200

404

Content type

application/x-x509-ca-cert

No sample

Download the Private KEY of Certificate Authority

PATH PARAMETERS

caId
required string
Certificate id

REQUEST BODY SCHEMA: application/json
required

password string
The password to use to encrypt the private key. If encryption is not required, please leave it blank.

includeChain boolean

Responses

— **200** Downloaded private key of CA

POST /certificateAuthorities/{caId}

Request samples

Payload

Content type

application/json

Copy

```
{
  "password": "string",
  "includeChain": true
}
```

Delete the Certificate Authority

PATH PARAMETERS

→ caId	string
required	Certificate Authority id

Responses

— 202 The delete request has been accepted and is in progress.

DELETE /certificateAuthorities/{caId}

Response samples

202

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Update the Certificate Authority

PATH PARAMETERS

→ caId	string
required	Certificate Authority id

REQUEST BODY SCHEMA: application/json
required

→ name	string [2 .. 255] characters The name of this authority.
→ description	string [0 .. 255] characters The description of this authority.

Responses

— 202 The update request has been accepted and is in progress.

PATCH /certificateAuthorities/{caId}

Request samples

Payload

Content type

application/json

Copy

```
{
  "name": "string",
  "description": "string"
}
```

Response samples

202

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Create New Certificate Template Belonging to a Specific Certificate Authority

PATH PARAMETERS

caId
required string
Onboard Certificate Authority id

REQUEST BODY SCHEMA: application/json
required

description string [0..255] characters
The description identifier for this template.

name
required string [2..255] characters
The name for the certificate template.

caType
required string
Value: "ONBOARD"
Which CA signs the certificates from the template.

defaultAccess boolean
Default RADIUS access response will either be accepted or rejected.

policySetId string
The policy set that is assigned to this template.

onboard > object (OnboardDto)
The configuration of the onboard CA.

chromebook > object (ChromebookDto)
The configuration of the Chromebook.

keyLength
required integer <int32>
Enum: 2048 3072 4096
The key length for certificates generated using this template.

algorithm
required string (AlgorithmEnum)
Enum: "SHA_1" "SHA_256" "SHA_384" "SHA_512"
SHA-256 - The SHA-2 hash using 256 bits. SHA-384 - The SHA-2 hash using 384 bits. SHA-512 - The

SHA-2 hash using 512 bits.

identityGroupId
required

string
The identity group id associated with the template.

Responses

— 202 Certificate Template created

> 400 Invalid Certificate Template content

POST /certificateAuthorities/{caId}/templates

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "name": "string",
  "caType": "ONBOARD",
  "defaultAccess": true,
  "policySetId": "string",
  "onboard": {
    "commonNamePattern": "string",
    "emailPattern": "string",
    "notAfterType": "SPECIFIED_DATE",
    "notAfterValue": 0,
    "notBeforeType": "SPECIFIED_DATE",
    "notBeforeValue": 0,
    "notAfterDate": "2019-08-24T14:15:22Z",
    "notBeforeDate": "2019-08-24T14:15:22Z",
    "organizationPattern": "string",
    "organizationUnitPattern": "string",
    "localityPattern": "string",
    "statePattern": "string",
    "countryPattern": "string",
    "certificateType": "CLIENT"
  },
  "chromebook": {
    "apiKey": "string",
    "certRemovalType": "NONE",
    "enrollmentType": "USER",
    "notifyAppId": "string",
    "accountCredential": "string",
    "enabled": true
  },
  "keyLength": 2048,
  "algorithm": "SHA_1",
  "identityGroupId": "string"
}
```

Response samples

202

400

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Search for Templates Belonging to a Specific Certificate Authority That Match Search String in Paged Result

PATH PARAMETERS

caId
required string
Certificate Authority id

REQUEST BODY SCHEMA: application/json
required

fields	Array of strings
page	integer <int32>
pageSize	integer <int32>
sortField	string
sortOrder	string Enum: "ASC" "DESC"
searchTargetFields	Array of strings
searchString	string
filters >	object (TemplateFilters)

Responses

> 200 Certificate Templates

POST /certificateAuthorities/{caId}/templates/query

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  - "fields": [
    -   "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  - "searchTargetFields": [
    -   "string"
  ],
  "searchString": "string",
  - "filters": {
    +   "caId": [ ... ],
    "networkId": "string"
  }
}
```

Response samples

200

Content type
application/json

Copy Expand all Collapse all

```
{
  - "fields": [
    -   "string"
  ],
  "totalCount": 0,
  "totalPages": 0,
  "page": 0,
  - "data": [
    +   { ... }
  ]
}
```

Create New Sub Certificate Authority

PATH PARAMETERS

caId string
required Root Certificate Authority id

REQUEST BODY SCHEMA: application/json
required

Request samples

Payload

Content type

application/json

Copy

```
{
  "name": "string",
  "commonName": "string",
  "description": "string",
  "organization": "string",
  "organizationUnit": "string",
  "email": "string",
  "startDate": "2019-08-24T14:15:22Z",
  "expireDate": "2019-08-24T14:15:22Z",
  "keyLength": 2048,
  "algorithm": "SHA_1",
  "title": "string",
  "locality": "string",
  "state": "string",
  "country": "string"
}
```

Response samples

202

400

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Search for Sub Certificate Authorities Matching Search String in Paged Result

PATH PARAMETERS

→ caId
required string
Certificate Authority id

REQUEST BODY SCHEMA: application/json
required

fields	Array of strings
page	integer <int32>
pageSize	integer <int32>
sortField	string

sortOrder	string Enum: "ASC" "DESC"
searchTargetFields	Array of strings
searchString	string
filters >	object (CaFilters)

Responses

> 200 Certificate Authorities

POST /certificateAuthorities/{caId}/subCas/query

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  - "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  - "searchTargetFields": [
    "string"
  ],
  "searchString": "string",
  - "filters": {
    "status": "INVALID"
  }
}
```

Response samples

200

Content type
application/json

Copy Expand all Collapse all

```
{
  - "fields": [
    "string"
  ],
  "totalCount": 0,
  "totalPages": 0,
  "page": 0,
```

```
- "data": [  
  + { ... }  
]  
}
```

Upload the Certificate Authority Private KEY

PATH PARAMETERS

→ **caId** string
required Certificate Authority id

REQUEST BODY SCHEMA: multipart/form-data

→ **privateKey** string <binary>
required Upload the private key of the certificate authority in PEM format.

→ **password** string
If upload private key is password-protected, specify the password. If not, leave the password blank.

Responses

— **202** The upload request has been accepted and is in progress.

POST /certificateAuthorities/{caId}/privateKeys

Response samples

202

Content type

application/json

Copy

```
{  
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"  
}
```

Delete the Certificate Authority Private KEY

PATH PARAMETERS

→ **caId** string
required Certificate Authority id

Responses

— **202** The delete request has been accepted and is in progress.

DELETE /certificateAuthorities/{caId}/privateKeys

Response samples

202

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Search for Certificate Authorities Matching Search String in Paged Result

REQUEST BODY SCHEMA: application/json

required

fields	Array of strings
page	integer <int32>
pageSize	integer <int32>
sortField	string
sortOrder	string Enum: "ASC" "DESC"
searchTargetFields	Array of strings
searchString	string
filters >	object (CaFilters)

Responses

> 200 Certificate Authorities

POST /certificateAuthorities/query

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  - "fields": [
    -   "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  - "searchTargetFields": [
```

```
    "string"
  ],
  "searchString": "string",
  "filters": {
    "status": "INVALID"
  }
}
```

Response samples

200

Content type

application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "totalCount": 0,
  "totalPages": 0,
  "page": 0,
  "data": [
    + { ... }
  ]
}
```

Get Certificate Authorities Associated with RADIUS

PATH PARAMETERS

→ radiusProfileId
required string
Radius id

QUERY PARAMETERS

→ pageable >
required object (Pageable)
parameters for paging

Responses

> 200 Certificate Authority

GET /radiusProfiles/{radiusProfileId}/certificateAuthorities

Response samples

200

Content type

application/json

Copy Expand all Collapse all

```

    "id": "string",
    "name": "string",
    "commonName": "string",
    "description": "string",
    "organization": "string",
    "organizationUnit": "string",
    "email": "string",
    "startDate": "2019-08-24T14:15:22Z",
    "expireDate": "2019-08-24T14:15:22Z",
    "keyLength": 2048,
    "algorithm": "SHA_1",
    "title": "string",
    "locality": "string",
    "state": "string",
    "country": "string",
    "publicKeyBase64": "string",
    "privateKeyBase64": "string",
    "publicKeyShaThumbprint": "string",
    "serialNumber": "string",
    - "usages": [
        "SERVER_AUTH"
    ],
    "templateCount": 0,
    - "templateNames": [
        "string"
    ],
    "ocspName": "string",
    "ocspHash": "string",
    - "keyUsages": [
        "DIGITAL_SIGNATURE"
    ],
    "chain": "string",
    "details": "string",
    - "status": [
        "INVALID"
    ]
}

```

Download the Certificate Chain of Certificate Authority

PATH PARAMETERS

→ caId	string
required	Certificate id

Responses

— 200 Downloaded chain

GET /certificateAuthorities/{caId}/chains

Server and Client Certificate

APIs for Server and Client Certificate Management.

Get Specific Certificate

PATH PARAMETERS

→ certId	string
required	Certificate id

Responses

> 200 Certificate

> 404 Certificate not found

GET /certificates/{certId}

Response samples

200

404

Content type

application/x-pem-file

No sample

Download the Private KEY of Certificate

PATH PARAMETERS

→ certId	string
required	Certificate id

REQUEST BODY SCHEMA: application/json
required

→ password	string
	The password to use to encrypt the private key. If encryption is not required, please leave it blank.
→ includeChain	boolean

Responses

— 200 Downloaded private key of CA

POST /certificates/{certId}

Request samples

Payload

Content type

application/json

Copy

```
{
  "password": "string",
  "includeChain": true
}
```

Delete a Certificate

PATH PARAMETERS

→ **certId** required string
Certificate id

Responses

— **202** The delete request has been accepted and is in progress.

> **404** Certificate not found

> **409** Certificate cannot be deleted because it is currently in use

DELETE /certificates/{certId}

Response samples

202

404

409

Content type
application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Update the Certificate

PATH PARAMETERS

→ **certId** required string
Certificate id

REQUEST BODY SCHEMA: application/json required

→ **name** string [2 .. 255] characters
The name for the certificate.

→ **revocationReason** string [0 .. 255] characters
The reason for revocation of passphrase. If not revoked, this field should be null.

→ **description** string [0 .. 255] characters
The description of this certificate.

→ **notAfterDate** string <date-time>
The expiration date for the renewed certificate. The start date for the validity period will also be set

to today.

Responses

— **202** The update request has been accepted and is in progress.

PATCH /certificates/{certId}

Request samples

Payload

Content type

application/json

Copy

```
{
  "name": "string",
  "revocationReason": "string",
  "description": "string",
  "notAfterDate": "2019-08-24T14:15:22Z"
}
```

Response samples

202

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Search for Certificates Matching Search String in Paged Result

REQUEST BODY SCHEMA: application/json

required

fields	Array of strings
page	integer <int32>
pageSize	integer <int32>
sortField	string
sortOrder	string Enum: "ASC" "DESC"
searchTargetFields	Array of strings
searchString	string

Responses

> 200 Certificate

POST /certificates/query



Request samples

Payload

Content type

application/json



Copy Expand all Collapse all

```
{
  - "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  - "searchTargetFields": [
    "string"
  ],
  "searchString": "string",
  - "filters": {
    "status": "INVALID",
    + "extendedKeyUsages": [ ... ],
    + "keyUsages": [ ... ]
  }
}
```

Response samples

200

Content type

application/json



Copy Expand all Collapse all

```
{
  - "fields": [
    "string"
  ],
  "totalCount": 0,
  "totalPages": 0,
  "page": 0,
  - "data": [
    + { ... }
  ]
}
```

Upload the Certificate

REQUEST BODY SCHEMA: multipart/form-data

certificateFile required	string <binary> The certificate in P12, DER or PEM format be uploaded.
privateKeyFile	string <binary> The private key in PEM format be uploaded.
password	string If private key or key store is password-protected, specify the password. If not, leave the password blank.
name required	string The name for the certificate.

Responses

— 202 The upload request has been accepted and is in progress.

POST /certificates

Response samples

202

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Search for Certificates Issued by Specific Certificate Authority Matching Search String in Paged Result

PATH PARAMETERS

caId
required
string
Certificate Authority id

REQUEST BODY SCHEMA: application/json
required

fields	Array of strings
page	integer <int32>
pageSize	integer <int32>

sortField	string
sortOrder	string Enum: "ASC" "DESC"
searchTargetFields	Array of strings
searchString	string
filters >	object (CertFilters)

Responses

> 200 Server or Client Certificate

POST /certificateAuthorities/{caId}/certificates/query

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "searchTargetFields": [
    "string"
  ],
  "searchString": "string",
  "filters": {
    "status": "INVALID",
    "extendedKeyUsages": [ ... ],
    "keyUsages": [ ... ]
  }
}
```

Response samples

200

Content type
application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
```

```
    },
    "totalCount": 0,
    "totalPages": 0,
    "page": 0,
    "data": [
      + { ... }
    ]
  }
}
```

Create Certificate

PATH PARAMETERS

→ **caId** string
required Certificate Authority id

REQUEST BODY SCHEMA: application/json **required**

→ **name** string [2 .. 255] characters
required The name of the certificate.

→ **commonName** string [0 .. 255] characters ^[. \p{Alnum} \p{Space} ~&; : \\ / ' \? \, \\$ \% \{ \} \. \ (...
Show pattern
The common name of the certificate.

→ **notBeforeDate** string <date-time>
required The start date of the certificate.

→ **notAfterDate** string <date-time>
required The expires date of the certificate.

→ **email** string [0 .. 255] characters ^[\w!#\$%&'*/+=?`{ } ~ ^ - ]+(?:[. \[ \w!#\$%&'\*/+=?`{ } ~ ^ -]+ ...
Show pattern
The email of the certificate.

→ **title** string [0 .. 255] characters ^[. \p{Alnum} \p{Space} ~&; : \\ / ' \? \, \\$ \% \{ \} \. \ (...
Show pattern
The title for the certificate authority.

→ **revocationReason** string
Reason for revocation of certificate.

→ **organization** string [0 .. 255] characters ^[. \p{Alnum} \p{Space} ~&; : \\ / ' \? \, \\$ \% \{ \} \. \ (...
Show pattern
The organization of the certificate.

→ **keyLength** integer <int32> [2048 .. 4096]
required The length of the key.

→ **locality** string [0 .. 255] characters ^[. \p{Alnum} \p{Space} ~&; : \\ / ' \? \, \\$ \% \{ \} \. \ (...
Show pattern
The locality included in the certificate.

→ **state** string [0 .. 255] characters ^[. \p{Alnum} \p{Space} ~&; : \\ / ' \? \, \\$ \% \{ \} \. \ (...
Show pattern
The state included in the certificate.

→ **country** string [0 .. 255] characters ^[. \p{Alnum} \p{Space} ~&; : \\ / ' \? \, \\$ \% \{ \} \. \ (...
Show pattern

	The country included in the certificate.
organizationUnit	string [0 .. 255] characters ^[. \p{Alnum} \p{Space} ~&; : \\ / \ ' ? \ , \ \$ \ { \ } \ . \ (... Show pattern The organization unit of the certificate.
keyUsages	Array of strings Items Enum: "DIGITAL_SIGNATURE" "KEY_ENCIPHERMENT" The key usages of the certificate.
description	string The description of the certificate.
algorithm required	string (AlgorithmEnum) Enum: "SHA_1" "SHA_256" "SHA_384" "SHA_512" SHA-256 - The SHA-2 hash using 256 bits. SHA-384 - The SHA-2 hash using 384 bits. SHA-512 - The SHA-2 hash using 512 bits.
csrString	string The certificate signing request that should be signed by the CA.
extendedKeyUsages	Array of strings Items Enum: "SERVER_AUTH" "CLIENT_AUTH" The extended key usage of the certificate.

Responses

— 202 Certificate created

> **400** Invalid Certificate content

POST

/certificateAuthorities/{caId}/certificates

▼

Request samples

Payload

Content type

application/json

▼

Copy

Expand all

Collapse all

```
{
  "name": "string",
  "commonName": "string",
  "notBeforeDate": "2019-08-24T14:15:22Z",
  "notAfterDate": "2019-08-24T14:15:22Z",
  "email": "string",
  "title": "string",
  "revocationReason": "string",
  "organization": "string",
  "keyLength": 2048,
  "locality": "string",
  "state": "string",
  "country": "string",
  "organizationUnit": "string",
  "keyUsages": [
    "DIGITAL_SIGNATURE"
```

```
    },
    "description": "string",
    "algorithm": "SHA_1",
    "csrString": "string",
    "extendedKeyUsages": [
      "SERVER_AUTH"
    ]
  }
}
```

Response samples

202

400

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Download Certificate Chain

PATH PARAMETERS

→ certId
required string
Certificate id

Responses

— 200 Downloaded certificate in chain.

GET /certificates/{certId}/chains

Get Certificates Associated with RADIUS

PATH PARAMETERS

→ radiusProfileId
required string
Radius id

QUERY PARAMETERS

→ certType
required string
Enum: "SERVER" "CLIENT"

→ pageable >
required object (Pageable)
parameters for paging

Responses

> 200 Certificate

GET /radiusProfiles/{radiusProfileId}/certificates

Response samples

200

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "commonName": "string",
  "createDate": "2019-08-24T14:15:22Z",
  "notBeforeDate": "2019-08-24T14:15:22Z",
  "notAfterDate": "2019-08-24T14:15:22Z",
  "email": "string",
  "title": "string",
  "revocationDate": "2019-08-24T14:15:22Z",
  "revocationReason": "string",
  "serialNumber": "string",
  "shaThumbprint": "string",
  "publicKeyBase64": "string",
  "organization": "string",
  "keyLength": 2048,
  "certificateAuthorityName": "string",
  "locality": "string",
  "state": "string",
  "country": "string",
  "organizationUnit": "string",
  "keyUsages": [
    "DIGITAL_SIGNATURE"
  ],
  "privateKeyBase64": "string",
  "chain": "string",
  "details": "string",
  "description": "string",
  "algorithm": "SHA_1",
  "status": [
    "INVALID"
  ],
  "extendedKeyUsages": [
    "SERVER_AUTH"
  ]
}
```

Device Certificate

APIs for Device Certificate Management.

Generate Certificate to a Specific Identity

PATH PARAMETERS

templateId
required string

identityId required	string
REQUEST BODY SCHEMA: application/json 	
required	
csrString	string The certificate signing request that should be signed by the CA.
userName	string [2 .. 255] characters The certificate template contains the variable. The value specified here will be used to replace the variable.
description	string [0 .. 255] characters Description of the item for reference.
variableValues >	object The values in this map will be used to replace the variables in the generated certificate.

Responses

— 202 Certificate generated

> 400 Invalid certificate data

POST /certificateTemplates/{templateId}/identities/{identityId}/certific... 

Request samples

Payload

Content type

application/json 

Copy Expand all Collapse all

```
{
  "csrString": "string",
  "userName": "string",
  "description": "string",
  "variableValues": {
    "property1": "string",
    "property2": "string"
  }
}
```

Response samples

202

400

Content type

application/json 

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Search for Certificates Associated with Identity in Paged Result

PATH PARAMETERS

templateId required	string Certificate template id
identityId required	string Identity id

REQUEST BODY SCHEMA: application/json ▾

required

fields	Array of strings
page	integer <int32>
pageSize	integer <int32>
sortField	string
sortOrder	string Enum: "ASC" "DESC"
searchTargetFields	Array of strings
searchString	string
filters >	object (DeviceCertFilters)

Responses

> 200 Certificates

POST /certificateTemplates/{templateId}/identities/{identityId}/certific... ▾

Request samples

Payload

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "searchTargetFields": [
    "string"
  ],
  "searchString": "string"
```

```
    "filters": {
      "status": "INVALID"
    }
  }
}
```

Response samples

200

Content type
application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "totalCount": 0,
  "totalPages": 0,
  "page": 0,
  "data": [
    + { ... }
  ]
}
```

Generate Certificate

PATH PARAMETERS

templateId
required string

REQUEST BODY SCHEMA: application/json
required

csrString	string The certificate signing request that should be signed by the CA.
userName	string [2 .. 255] characters The certificate template contains the variable. The value specified here will be used to replace the variable.
description	string [0 .. 255] characters Description of the item for reference.
variableValues >	object The values in this map will be used to replace the variables in the generated certificate.

Responses

— 202 Certificate generated

> 400 Invalid certificate data

POST /certificateTemplates/{templateId}/certificates

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "csrString": "string",
  "userName": "string",
  "description": "string",
  "variableValues": {
    "property1": "string",
    "property2": "string"
  }
}
```

Response samples

202

400

Content type
application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Get Specific Certificate

PATH PARAMETERS

certId	string
required	Certificate id
templateId	string
required	Certificate template id

QUERY PARAMETERS

password	string
	Default: ""
	The password to use to encrypt the private key. To leave private key unencrypted, leave blank
includeChain	boolean
	Default: true

Responses

> 200 Certificate

> 404 Certificate not found

GET /certificateTemplates/{templateId}/certificates/{certId}

Response samples

200

404

Content type

application/x-x509-ca-cert

No sample

Download the Private KEY of Certificate

PATH PARAMETERS

certId	string
required	Certificate id
templateId	string
required	Certificate template id

REQUEST BODY SCHEMA: application/json
required

password	string
	The password to use to encrypt the private key. If encryption is not required, please leave it blank.
includeChain	boolean

Responses

— 200 Downloaded private key of issued certificate.

POST /certificateTemplates/{templateId}/certificates/{certId}

Request samples

Payload

Content type

application/json

Copy

```
{
  "password": "string",
  "includeChain": true
}
```

Update the Certificate

PATH PARAMETERS

templateId	string
required	Certificate Template id

certId required	string Certificate id
--	---

REQUEST BODY SCHEMA:

application/json

required

revocationReason	string [0 .. 255] characters The reason for revocation of certificate. If not revoked, this field should be null.
--	--

Responses

— 202 The update request has been accepted and is in progress.

PATCH

/certificateTemplates/{templateId}/certificates/{certId}

▼

Request samples

Payload

Content type

application/json

▼

Copy

```
{
  "revocationReason": "string"
}
```

Response samples

202

Content type

application/json

▼

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Search for Certificates in Specific Template Matching Search String in Paged Result

PATH PARAMETERS

templateId required	string
--	-------------------

REQUEST BODY SCHEMA:

application/json

required

fields	Array of strings
page	integer <int32>

pageSize	integer <int32>
sortField	string
sortOrder	string Enum: "ASC" "DESC"
searchTargetFields	Array of strings
searchString	string
filters >	object (DeviceCertFilters)

Responses

> 200 Certificates

POST /certificateTemplates/{templateId}/certificates/query

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "searchTargetFields": [
    "string"
  ],
  "searchString": "string",
  "filters": {
    "status": "INVALID"
  }
}
```

Response samples

200

Content type

application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
```

```
    },
    "totalCount": 0,
    "totalPages": 0,
    "page": 0,
    "data": [
      + { ... }
    ]
  }
}
```

Search for Certificates Matching Search String in Paged Result

REQUEST BODY SCHEMA: application/json ▾

required

fields	Array of strings
page	integer <int32>
pageSize	integer <int32>
sortField	string
sortOrder	string Enum: "ASC" "DESC"
searchTargetFields	Array of strings
searchString	string
filters >	object (DeviceCertFilters)

Responses

> 200 Certificates

POST /certificateTemplates/certificates/query ▾

Request samples

Payload

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  - "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  - "searchTargetFields": [
    "string"
  ],
  "searchString": "string",
```

```
- "filters": {
  "status": "INVALID"
}
```

Response samples

200

Content type
application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "totalCount": 0,
  "totalPages": 0,
  "page": 0,
  "data": [
    + { ... }
  ]
}
```

Download Issued Certificate Chain

PATH PARAMETERS

certId required	string Certificate id
templateId required	string Certificate template id

Responses

— 200 Downloaded certificate in chain.

GET /certificateTemplates/{templateId}/certificates/{certId}/chains

Certificate Template

APIs for Certificate Template Management.

Update Policy Set for a Template

PATH PARAMETERS

templateId required	string Template id
policySetId required	string Policy set id

Responses

— **202** The update request has been accepted and is in progress

PUT /certificateTemplates/{templateId}/policySets/{policySetId} ▾

Response samples

202

Content type

application/json ▾

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Remove Policy Set from a Template

PATH PARAMETERS

templateId required	string Template id
policySetId required	string Policy set id

Responses

— **202** The update request has been accepted and is in progress

DELETE /certificateTemplates/{templateId}/policySets/{policySetId} ▾

Response samples

202

Content type

application/json ▾

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Get Simple Certificate Enrollment Protocol of Template

PATH PARAMETERS

templateId required	string Certificate template id
------------------------	-----------------------------------

QUERY PARAMETERS

page	integer >= 0 Default: 0 Zero-based page index (0..N)
size	integer >= 1 Default: 20 The size of the page to be returned
sort	Array of strings Sorting criteria in the format: property.(asc desc). Default sort order is ascending. Multiple sort criteria are supported.

Responses

> 200 SCEP Keys

GET /certificateTemplates/{templateId}/scepKeys

Response samples

200

Content type

application/json

Copy Expand all Collapse all

```
{
  "totalPages": 0,
  "totalElements": 0,
  "size": 0,
  "content": [
    { }
  ],
  "number": 0,
  "sort": {
    "empty": true,
    "sorted": true,
    "unsorted": true
  },
  "pageable": {
    "offset": 0,
    "sort": { ... },
    "paged": true,
    "pageNumber": 0,
    "pageSize": 0,
    "unpaged": true
  },
  "first": true,
  "last": true,
  "numberOfElements": 0,
  "empty": true
}
```

PATH PARAMETERS

→ **templateId**
required string
Certificate template id

REQUEST BODY SCHEMA: application/json 
required

→ description	string [0 .. 255] characters Description of the item for reference.
→ enabled	boolean Indicates whether this key should be used.
→ name required	string [2 .. 255] characters The reference name of the item.
→ allowedSubnets	string If populated, only the IPs or subnets specified will be allowed to utilize the simple certificate enrollment protocol server using this key.
→ blockedSubnets	string If populated, the IPs or subnets specified will be blocked from utilizing the simple certificate enrollment protocol server using this key.
→ challengePassword	string [4 .. 255] characters If checked, the client will need to provide this password during the exchange.
→ expirationDate required	string <date-time> The expire date for the key.
→ overrideDays	integer <int32> [0 .. 365] If greater than 0, this overrides the expiration date in the certificate template for certificates generated using this key.
→ scepKey	string The shared secret used as the key within the URL.
→ cnValue1 required	string Enum: "IGNORE" "MAC_ADDRESS" "USERNAME" "DEVICE_NAME" "EMAIL" "LOCATION" The certificate signing requests created as part of the simple certificate enrollment protocol interaction will contain one or more common name values. The system will treat the first common name as the type of value specified.
→ cnValue2 required	string Enum: "IGNORE" "MAC_ADDRESS" "USERNAME" "DEVICE_NAME" "EMAIL" "LOCATION" The certificate signing requests created as part of the simple certificate enrollment protocol interaction will contain one or more common name values. The system will treat the second common name as the type of value specified.
→ cnValue3 required	string Enum: "IGNORE" "MAC_ADDRESS" "USERNAME" "DEVICE_NAME" "EMAIL" "LOCATION" The certificate signing requests created as part of the simple certificate enrollment protocol interaction will contain one or more common name values. The system will treat the third common name as the type of value specified.
→ challengePasswordType required	string Enum: "NONE" "STATIC" "MICROSOFT_INTUNE" Optionally specify a challenge password which must be provided by the client during the simple certificate enrollment protocol key exchange.
→ intuneTenantId	string

	The azure tenant ID from the azure configuration portal.
azureApplicationId	string The azure application client ID from the azure configuration portal.
azureApplicationKey	string The azure application key and client secret configured in the azure configuration portal.

Responses

— 202 SCEP Key created

> 400 Invalid SCEP Key content

POST /certificateTemplates/{templateId}/scepKeys

Request samples

Payload

Content type

application/json

Copy

```
{
  "description": "string",
  "enabled": true,
  "name": "string",
  "allowedSubnets": "string",
  "blockedSubnets": "string",
  "challengePassword": "string",
  "expirationDate": "2019-08-24T14:15:22Z",
  "overrideDays": 365,
  "scepKey": "string",
  "cnValue1": "IGNORE",
  "cnValue2": "IGNORE",
  "cnValue3": "IGNORE",
  "challengePasswordType": "NONE",
  "intuneTenantId": "string",
  "azureApplicationId": "string",
  "azureApplicationKey": "string"
}
```

Response samples

202

400

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Get Notifications of Template

PATH PARAMETERS

→ **templateId**
required string
Certificate template id

QUERY PARAMETERS

→ **page** integer **>= 0**
Default: 0
Zero-based page index (0..N)

→ **size** integer **>= 1**
Default: 20
The size of the page to be returned

→ **sort** Array of strings
Sorting criteria in the format: property.(asc|desc). Default sort order is ascending. Multiple sort criteria are supported.

Responses

> **200** Notifications

GET /certificateTemplates/{templateId}/notifications

Response samples

200

Content type
application/json

Copy Expand all Collapse all

```
{
  "totalPages": 0,
  "totalElements": 0,
  "size": 0,
  "content": [
    { }
  ],
  "number": 0,
  "sort": {
    "empty": true,
    "sorted": true,
    "unsorted": true
  },
  "pageable": {
    "offset": 0,
    "sort": { ... },
    "paged": true,
    "pageNumber": 0,
    "pageSize": 0,
    "unpaged": true
  },
}
```

```
"first": true,
"last": true,
"numberOfElements": 0,
"empty": true
}
```

Create Notification for Template

PATH PARAMETERS

→ **templateId** string
required

REQUEST BODY SCHEMA: application/json **required**

→ dateValue	string The number of hours/days/months/etc to be offset from the event date when calculating when to send the notification.
→ emailSubject	string [0 .. 255] characters The subject of the email to be sent for this notification.
→ email	string [0 .. 255] characters <code>^[\\w!#\$%&'*/+=?`{ }~^-]+(?:\\.[\\w!#\$%&'*/+=?`{ }~^-]+)?</code> Show pattern Indicates whether this package should be used.
→ emailTemplate	string [0 .. 255] characters The message of the email to be sent for this notification.
→ notificationEvent	string Enum: "ON_ISSUANCE" "ON_REVOCATION" "ON_EXPIRATION" "ON_REVOKED_USE" The event upon which to base the sending of the notification.
→ notificationMethod	string Enum: "EMAIL_ELSE_SMS" "SMS_ELSE_EMAIL" "EMAIL_AND_SMS" "EMAIL_ONLY" "SMS_ONLY" "EMAIL_ADMINISTRATOR" The method(s) to use to notify the user.
→ notificationMethodData	string The data of to use to notify the user.
→ smsSubject	string [0 .. 255] characters The subject of the SMS to be sent for this notification.
→ smsTemplate	string [0 .. 255] characters The message of the email to be sent for this notification.
→ staticDerivedDateType	string The basis for calculating the date to send the notification.

Responses

— **202** Notification created

> **400** Invalid Notification content

POST /certificateTemplates/{templateId}/notifications

Request samples

Payload

Content type

application/json

Copy

```
{
  "dateValue": "string",
  "emailSubject": "string",
  "email": "string",
  "emailTemplate": "string",
  "notificationEvent": "ON_ISSUANCE",
  "notificationMethod": "EMAIL_ELSE_SMS",
  "notificationMethodData": "string",
  "smsSubject": "string",
  "smsTemplate": "string",
  "staticDerivedDateType": "string"
}
```

Response samples

202

400

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Get Microsoft Software Installer Packages of Template

PATH PARAMETERS

→ **templateId**
required string
Certificate template id

QUERY PARAMETERS

→ **page** integer **>= 0**
Default: 0
Zero-based page index (0..N)

→ **size** integer **>= 1**
Default: 20
The size of the page to be returned

→ **sort** Array of strings
Sorting criteria in the format: property,(asc|desc). Default sort order is ascending. Multiple sort criteria are supported.

> 200 MSI Packages

GET /certificateTemplates/{templateId}/msiPackages

Response samples

200

Content type
application/json

Copy Expand all Collapse all

```
{
  "totalPages": 0,
  "totalElements": 0,
  "size": 0,
  "content": [
    {}
  ],
  "number": 0,
  "sort": {
    "empty": true,
    "sorted": true,
    "unsorted": true
  },
  "pageable": {
    "offset": 0,
    "sort": { ... },
    "paged": true,
    "pageNumber": 0,
    "pageSize": 0,
    "unpaged": true
  },
  "first": true,
  "last": true,
  "numberOfElements": 0,
  "empty": true
}
```

Create Microsoft Software Installer Package for Template

PATH PARAMETERS

templateId string
required

REQUEST BODY SCHEMA: application/json
required

description string [0..255] characters
Description of the package.

enabled boolean
Indicates whether this package should be used.

name	string [2 .. 255] characters The unique reference name of the package.
allowedSubnets	string If populated, only the IP addresses or subnets specified are allowed to use this package.
blockedSubnets	string If populated, the IP addresses or subnets specified are blocked from using this package. Blocked subnets override the allowed subnets.
expirationDate required	string <date-time> The expire date for this package.
productId	string The product ID for the package.
productName required	string [2 .. 255] characters The product name for the package.
profileType required	string Enum: "USER_TYPE" "MACHINE_TYPE" The profile type for the package.
usernameVariableSource required	string Enum: "COMPUTER_NAME" "CURRENT_USER" Determines where the variable (usable in the certificate template) is derived from.

Responses

— 202 MSI Package created

> 400 Invalid MSI Package content

POST /certificateTemplates/{templateId}/msiPackages

Request samples

Payload

Content type

application/json

Copy

```
{
  "description": "string",
  "enabled": true,
  "name": "string",
  "allowedSubnets": "string",
  "blockedSubnets": "string",
  "expirationDate": "2019-08-24T14:15:22Z",
  "productId": "string",
  "productName": "string",
  "profileType": "USER_TYPE",
  "usernameVariableSource": "COMPUTER_NAME"
}
```

Response samples

202

400

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Search for Certificate Templates Matching Search String in Paged Result

REQUEST BODY SCHEMA: application/json

required

fields	Array of strings
page	integer <int32>
pageSize	integer <int32>
sortField	string
sortOrder	string Enum: "ASC" "DESC"
searchTargetFields	Array of strings
searchString	string
filters >	object (TemplateFilters)

Responses

> 200 Certificate Templates

POST /certificateTemplates/query

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "page": 0,
  "pageSize": 0,
  "sortField": "string",
  "sortOrder": "ASC",
  "searchTargetFields": [
```

```
    "string"
  ],
  "searchString": "string",
  "filters": {
    "caId": [ ... ],
    "networkId": "string"
  }
}
```

Response samples

200

Content type

application/json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "totalCount": 0,
  "totalPages": 0,
  "page": 0,
  "data": [
    { ... }
  ]
}
```

Get Specific Certificate Template

PATH PARAMETERS

→ templateId	string
required	Certificate template id

Responses

> **200** Certificate Template

> **404** Certificate Template not found

GET /certificateTemplates/{templateId}

Response samples

200

404

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "string",
```

```

    "description": "string",
    "name": "string",
    "caType": "ONBOARD",
    "defaultAccess": true,
    "policySetId": "string",
  -  "onboard": {
        "commonNamePattern": "string",
        "emailPattern": "string",
        "notAfterType": "SPECIFIED_DATE",
        "notAfterValue": 0,
        "notBeforeType": "SPECIFIED_DATE",
        "notBeforeValue": 0,
        "notAfterDate": "2019-08-24T14:15:22Z",
        "notBeforeDate": "2019-08-24T14:15:22Z",
        "organizationPattern": "string",
        "organizationUnitPattern": "string",
        "localityPattern": "string",
        "statePattern": "string",
        "countryPattern": "string",
        "certificateType": "CLIENT",
        "certificateAuthorityName": "string"
    },
  -  "chromebook": {
        "apiKey": "string",
        "certRemovalType": "NONE",
        "enrollmentType": "USER",
        "notifyAppId": "string",
        "accountCredential": "string",
        "enabled": true,
        "type": "string",
        "projectId": "string",
        "privateKeyId": "string",
        "privateKey": "string",
        "clientEmail": "string",
        "clientId": "string",
        "authUri": "string",
        "tokenUri": "string",
        "enrollmentUrl": "string"
    },
    "keyLength": 2048,
    "algorithm": "SHA_1",
    "certificateCount": 0,
  -  "certificateNames": [
        "string"
    ],
  -  "variables": [
        "string"
    ],
    "networkCount": 0,
    "identityGroupId": "string"
}

```

Delete the Certificate Template

PATH PARAMETERS

→ `templateId`

string

required

Responses

— 202 The delete request has been accepted and is in progress.

DELETE /certificateTemplates/{templateId}

Response samples

202

Content type
application/json

Copy

```
{  
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"  
}
```

Update the Certificate Template

PATH PARAMETERS

templateId

required

string

Certificate template id

REQUEST BODY SCHEMA: application/json required

description	string [0 .. 255] characters The description identifier for this template.
name	string [2 .. 255] characters The name for the certificate template.
defaultAccess	boolean Default RADIUS access response will either be accepted or rejected.
onboard >	object (OnboardDto) The configuration of the onboard CA.
chromebook >	object (ChromebookDto) The configuration of the Chromebook.
keyLength	integer <int32> [2048 .. 4096] The key length for certificates generated using this template.
algorithm	string (AlgorithmEnum) Enum: "SHA_1" "SHA_256" "SHA_384" "SHA_512" SHA-256 - The SHA-2 hash using 256 bits. SHA-384 - The SHA-2 hash using 384 bits. SHA-512 - The SHA-2 hash using 512 bits.

Responses

— 202 The update request has been accepted and is in progress.

PATCH /certificateTemplates/{templateId}

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "description": "string",
  "name": "string",
  "defaultAccess": true,
  "onboard": {
    "commonNamePattern": "string",
    "emailPattern": "string",
    "notAfterType": "SPECIFIED_DATE",
    "notAfterValue": 0,
    "notBeforeType": "SPECIFIED_DATE",
    "notBeforeValue": 0,
    "notAfterDate": "2019-08-24T14:15:22Z",
    "notBeforeDate": "2019-08-24T14:15:22Z",
    "organizationPattern": "string",
    "organizationUnitPattern": "string",
    "localityPattern": "string",
    "statePattern": "string",
    "countryPattern": "string",
    "certificateType": "CLIENT"
  },
  "chromebook": {
    "apiKey": "string",
    "certRemovalType": "NONE",
    "enrollmentType": "USER",
    "notifyAppId": "string",
    "accountCredential": "string",
    "enabled": true
  },
  "keyLength": 2048,
  "algorithm": "SHA_1"
}
```

Response samples

202

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Get Specific Simple Certificate Enrollment Protocol of Template

PATH PARAMETERS

<code>templateId</code> required	string Certificate template id
<code>scepKeyId</code> required	string SCEP key id

Responses

> **200** SCEP Key

> **404** SCEP Key not found

GET /certificateTemplates/{templateId}/scepKeys/{scepKeyId}

Response samples

200

404

Content type

application/json

Copy

```
{
  "id": "string",
  "description": "string",
  "enabled": true,
  "name": "string",
  "allowedSubnets": "string",
  "blockedSubnets": "string",
  "challengePassword": "string",
  "expirationDate": "2019-08-24T14:15:22Z",
  "overrideDays": 365,
  "scepKey": "string",
  "cnValue1": "IGNORE",
  "cnValue2": "IGNORE",
  "cnValue3": "IGNORE",
  "challengePasswordType": "NONE",
  "intuneTenantId": "string",
  "azureApplicationId": "string",
  "azureApplicationKey": "string",
  "enrollmentUrl": "string"
}
```

Delete the Simple Certificate Enrollment Protocol

PATH PARAMETERS

<code>templateId</code> required	string Certificate template id
--	-----------------------------------

scepKeyId required	string SCEP key id
-----------------------	-----------------------

Responses

— 202 The delete request has been accepted and is in progress.

DELETE /certificateTemplates/{templateId}/scepKeys/{scepKeyId} ▾

Response samples

202

Content type

application/json ▾

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Update the Simple Certificate Enrollment Protocol of Template

PATH PARAMETERS

templateId required	string Certificate template id
scepKeyId required	string ScepKey Id

REQUEST BODY SCHEMA: application/json ▾

required

description	string [0 .. 255] characters Description of the item for reference.
enabled	boolean Indicates whether this key should be used.
name required	string [2 .. 255] characters The reference name of the item.
allowedSubnets	string If populated, only the IPs or subnets specified will be allowed to utilize the simple certificate enrollment protocol server using this key.
blockedSubnets	string If populated, the IPs or subnets specified will be blocked from utilizing the simple certificate enrollment protocol server using this key.
challengePassword	string [4 .. 255] characters If checked, the client will need to provide this password during the exchange.
expirationDate required	string <date-time> The expire date for the key.

overrideDays	integer <int32> [0..365] If greater than 0, this overrides the expiration date in the certificate template for certificates generated using this key.
scepKey	string The shared secret used as the key within the URL.
cnValue1 required	string Enum: "IGNORE" "MAC_ADDRESS" "USERNAME" "DEVICE_NAME" "EMAIL" "LOCATION" The certificate signing requests created as part of the simple certificate enrollment protocol interaction will contain one or more common name values. The system will treat the first common name as the type of value specified.
cnValue2 required	string Enum: "IGNORE" "MAC_ADDRESS" "USERNAME" "DEVICE_NAME" "EMAIL" "LOCATION" The certificate signing requests created as part of the simple certificate enrollment protocol interaction will contain one or more common name values. The system will treat the second common name as the type of value specified.
cnValue3 required	string Enum: "IGNORE" "MAC_ADDRESS" "USERNAME" "DEVICE_NAME" "EMAIL" "LOCATION" The certificate signing requests created as part of the simple certificate enrollment protocol interaction will contain one or more common name values. The system will treat the third common name as the type of value specified.
challengePasswordType required	string Enum: "NONE" "STATIC" "MICROSOFT_INTUNE" Optionally specify a challenge password which must be provided by the client during the simple certificate enrollment protocol key exchange.
intuneTenantId	string The azure tenant ID from the azure configuration portal.
azureApplicationId	string The azure application client ID from the azure configuration portal.
azureApplicationKey	string The azure application key and client secret configured in the azure configuration portal.

Responses

— 202 The update request has been accepted and is in progress.

PATCH /certificateTemplates/{templateId}/scepKeys/{scepKeyId}

Request samples

Payload

Content type

application/json

Copy

```
{
  "description": "string",
  "enabled": true,
  "name": "string",
  "allowedSubnets": "string",
  "blockedSubnets": "string"
```

```
    "challengePassword": "string",
    "expirationDate": "2019-08-24T14:15:22Z",
    "overrideDays": 365,
    "scepKey": "string",
    "cnValue1": "IGNORE",
    "cnValue2": "IGNORE",
    "cnValue3": "IGNORE",
    "challengePasswordType": "NONE",
    "intuneTenantId": "string",
    "azureApplicationId": "string",
    "azureApplicationKey": "string"
  }
}
```

Response samples

202

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Get Specific Notification

PATH PARAMETERS

templateId	string
required	Certificate template id
notificationId	string
required	Notification id

Responses

> 200 Notification

> 404 Notification not found

GET /certificateTemplates/{templateId}/notifications/{notificationId}

Response samples

200

404

Content type

application/json

Copy

```
{
  "id": "string",
}
```

```
    "dateValue": "string",
    "emailSubject": "string",
    "email": "string",
    "emailTemplate": "string",
    "notificationEvent": "ON_ISSUANCE",
    "notificationMethod": "EMAIL_ELSE_SMS",
    "notificationMethodData": "string",
    "smsSubject": "string",
    "smsTemplate": "string",
    "staticDerivedDateType": "string"
  }
}
```

Delete the Notification

PATH PARAMETERS

 templateId required	string Certificate template id
 notificationId required	string Notification id

Responses

— **202** The delete request has been accepted and is in progress.

DELETE /certificateTemplates/{templateId}/notifications/{notificationId} ▾

Response samples

202

Content type

application/json ▾

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Update the Notification of Template

PATH PARAMETERS

 templateId required	string Certificate template id
 notificationId required	string Notification id

REQUEST BODY SCHEMA: application/json ▾
required

 dateValue	string
---	--------

	The number of hours/days/months/etc to be offset from the event date when calculating when to send the notification.
emailSubject	string <code>[0..255] characters</code> The subject of the email to be sent for this notification.
email	string <code>[0..255] characters</code> <code>^[\w!#\$%&'*/+=?`{ }~^- ]+(?:\. [\w!#\$%&'*/+=?`{...` Show pattern Indicates whether this package should be used.</code>
emailTemplate	string <code>[0..255] characters</code> The message of the email to be sent for this notification.
notificationEvent	string Enum: <code>"ON_ISSUANCE"</code> <code>"ON_REVOCATION"</code> <code>"ON_EXPIRATION"</code> <code>"ON_REVOKED_USE"</code> The event upon which to base the sending of the notification.
notificationMethod	string Enum: <code>"EMAIL_ELSE_SMS"</code> <code>"SMS_ELSE_EMAIL"</code> <code>"EMAIL_AND_SMS"</code> <code>"EMAIL_ONLY"</code> <code>"SMS_ONLY"</code> <code>"EMAIL_ADMINISTRATOR"</code> The method(s) to use to notify the user.
notificationMethodData	string The data of to use to notify the user.
smsSubject	string <code>[0..255] characters</code> The subject of the SMS to be sent for this notification.
smsTemplate	string <code>[0..255] characters</code> The message of the email to be sent for this notification.
staticDerivedDateType	string The basis for calculating the date to send the notification.

Responses

— **202** The update request has been accepted and is in progress.

PATCH

/certificateTemplates/{templateId}/notifications/{notificationId}

▼

Request samples

Payload

Content type

application/json

▼

Copy

{
 "dateValue": "string",

```
"emailSubject": "string",
"email": "string",
"emailTemplate": "string",
"notificationEvent": "ON_ISSUANCE",
"notificationMethod": "EMAIL_ELSE_SMS",
"notificationMethodData": "string",
"smsSubject": "string",
"smsTemplate": "string",
"staticDerivedDateType": "string"
}
```

Response samples

202

Content type

application/json

Copy

```
{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}
```

Get Specific Microsoft Software Installer Package

PATH PARAMETERS

templateId	string
required	Certificate template id
msiPackageId	string
required	MSI package id

Responses

> 200 MSI Package

> 404 MSI Package not found

GET /certificateTemplates/{templateId}/msiPackages/{msiPackageId}

Response samples

200

404

Content type

application/json

Copy

```
{
  "id": "string",
  "description": "string",
  "enabled": true,
  "name": "string",
}
```

```

    "allowedSubnets": "string",
    "blockedSubnets": "string",
    "expirationDate": "2019-08-24T14:15:22Z",
    "passphrase": "string",
    "productId": "string",
    "productName": "string",
    "profileType": "USER_TYPE",
    "usernameVariableSource": "COMPUTER_NAME"
  }

```

Delete the Microsoft Software Installer Package

PATH PARAMETERS

templateId required	string Certificate template id
msiPackageId required	string MSI package id

Responses

— **202** The delete request has been accepted and is in progress.

DELETE /certificateTemplates/{templateId}/msiPackages/{msiPackageId} ▼

Response samples

202

Content type

application/json ▼

Copy

```

{
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"
}

```

Update the Microsoft Software Installer Package of Template

PATH PARAMETERS

templateId required	string Certificate template id
msiPackageId required	string MSI Package id

REQUEST BODY SCHEMA: application/json ▼
required

description	string [0 .. 255] characters
-------------	--------------------------------

	Description of the package.
enabled	boolean Indicates whether this package should be used.
name	string [2 .. 255] characters The unique reference name of the package.
allowedSubnets	string If populated, only the IP addresses or subnets specified are allowed to use this package.
blockedSubnets	string If populated, the IP addresses or subnets specified are blocked from using this package. Blocked subnets override the allowed subnets.
expirationDate required	string <date-time> The expire date for this package.
productId	string The product ID for the package.
productName required	string [2 .. 255] characters The product name for the package.
profileType required	string Enum: "USER_TYPE" "MACHINE_TYPE" The profile type for the package.
usernameVariableSource required	string Enum: "COMPUTER_NAME" "CURRENT_USER" Determines where the variable (usable in the certificate template) is derived from.

Responses

— **202** The update request has been accepted and is in progress.

PATCH /certificateTemplates/{templateId}/msiPackages/{msiPackageId} ▾

Request samples

Payload

Content type

application/json ▾

Copy

```
{
  "description": "string",
  "enabled": true,
  "name": "string",
  "allowedSubnets": "string",
```

```
"blockedSubnets": "string",  
"expirationDate": "2019-08-24T14:15:22Z",  
"productId": "string",  
"productName": "string",  
"profileType": "USER_TYPE",  
"usernameVariableSource": "COMPUTER_NAME"  
}
```

Response samples

202

Content type

application/json

Copy

```
{  
  "requestId": "b3d3a0a0-0b1a-4b1a-9b0a-0b1a0b1a0b1a"  
}
```