

# **NPM SSL Module APIs v1.0**

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## Resource: ignored\_certificate

Ignored certificate.

```
http://{device}/api/npm.ssl_module/1.0/ignored_certificates/items/{id}
```

### JSON

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

Property Name	Type	Description	Notes
<i>ignored_certificate</i>	<object>	Ignored certificate.	
<i>ignored_certificate.id</i>	<string>	A unique id for the certificate.	Optional;

## Links

### ignored\_certificate: delete

Un-ignores a certificate.

```
DELETE http://{device}/api/npm.ssl_module/1.0/ignored_certificates/items/{id}
```

### Response Body

On success, the server does not provide any body in the responses.

### ignored\_certificate: get

Returns an ignored certificate ID.

```
GET http://{device}/api/npm.ssl_module/1.0/ignored_certificates/items/{id}
```

### Response Body

Returns an [ignored\\_certificate](#) data object.

## Resource: ignored\_certificates

Ignored certificates.

```
http://{device}/api/npm.ssl_module/1.0/ignored_certificates
```

### JSON

```
{
  "items": [ ignored_certificate ],
  "limit": ignored_certs_limit,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>ignored_certificates</i>	<object>	Ignored certificates.	
<i>ignored_certificates.items</i>	<array of <ignored_certificate>>		Optional;
<i>ignored_certificates.items[items]</i>	<ignored_certificate>	Ignored certificate.	
<i>ignored_certificates.limit</i>	<ignored_certs_limit>		
<i>ignored_certificates.&lt;prop&gt;</i>	<any>		Optional;

## Links

### ignored\_certificates: bulk\_create

Ignores a list of certificates.

```
POST http://{device}/api/npm.ssl_module/1.0/ignored_certificates/bulk_create
```

#### Request Body

Provide an [ignored\\_certificates](#) data object.

#### Response Body

Returns an [ignored\\_certificates](#) data object.

### ignored\_certificates: bulk\_delete

Un-ignores a list of certificates.

```
POST http://{device}/api/npm.ssl_module/1.0/ignored_certificates/bulk_delete
```

#### Request Body

Provide a [certs\\_bulk\\_deleter](#) data object.

#### Response Body

Returns a [certs\\_bulk\\_deleter](#) data object.

### ignored\_certificates: create

Ignores a certificate.

```
POST http://{device}/api/npm.ssl_module/1.0/ignored_certificates
```

#### Request Body

Provide an [ignored\\_certificate](#) data object.

#### Response Body

Returns an [ignored\\_certificate](#) data object.

### ignored\_certificates: get

Returns the list of ignored certificate IDs.

```
GET http://{device}/api/npm.ssl_module/1.0/ignored_certificates
```

#### Response Body

Returns an [ignored\\_certificates](#) data object.

### ignored\_certificates: limit

Returns the ignored certificates entries limit.

```
GET http://{device}/api/npm.ssl_module/1.0/ignored_certificates/limit
```

#### Response Body

Returns an [ignored\\_certs\\_limit](#) data object.

---

## Resource: latest\_certificate

Processed certificate.

```
http://{device}/api/npm.ssl_module/1.0/latest_certificates/items/{id}
```

JSON

```

{
  "first_seen": string,
  "has_rsa_key": boolean,
  "id": string,
  "ignored": boolean,
  "issuer": {
    "common_name": string,
    "country": string,
    "organization": string,
    <prop>: any
  },
  "last_seen": string,
  "serial_number": string,
  "servers": [
    {
      "host": string,
      "port": integer,
      <prop>: any
    }
  ],
  "status": string,
  "subject": {
    "common_name": string,
    "country": string,
    "locality": string,
    "organization": string,
    "organization_unit": string,
    "state": string,
    <prop>: any
  },
  "valid_from": string,
  "valid_to": string
}

```

Property Name	Type	Description	Notes
latest_certificate	<object>	Processed certificate.	
latest_certificate.first_seen	<string>	Time at which this certificate was first seen.	Optional;
latest_certificate.has_rsa_key	<boolean>	True if the certificate is expired.	Optional;
latest_certificate.id	<string>	A unique id for the certificate.	Optional;
latest_certificate.ignored	<boolean>	True if the certificate is ignored.	Optional;
latest_certificate.issuer	<object>	Certificate 'Issuer' details.	Optional;
latest_certificate.issuer.common_name	<string>	'Issuer' common name.	Optional;
latest_certificate.issuer.country	<string>	'Issuer' country.	Optional;
latest_certificate.issuer.organization	<string>	'Issuer' organization.	Optional;
latest_certificate.issuer.<prop>	<any>		Optional;
latest_certificate.last_seen	<string>	Time at which this certificate was last seen.	Optional;
latest_certificate.serial_number	<string>	Certificate 'Serial Number'.	Optional;
latest_certificate.servers	<array of <object>>		Optional;
latest_certificate.servers[items]	<object>	Certificate server endpoint.	
latest_certificate.servers[items].host	<string>	The IP address of the server.	Optional;
latest_certificate.servers[items].port	<integer>	The TCP port of the server.	Optional;
latest_certificate.servers[items].<prop>	<any>		Optional;
latest_certificate.status	<string>	Certificate current status (Valid, Invalid, Expired, Revoked).	Optional;
latest_certificate.subject	<object>	Certificate 'Subject' details.	Optional;
latest_certificate.subject.common_name	<string>	'Subject' common name.	Optional;
latest_certificate.subject.country	<string>	'Subject' country.	Optional;
latest_certificate.subject.locality	<string>	'Subject' locality.	Optional;
latest_certificate.subject.organization	<string>	'Subject' organization.	Optional;
latest_certificate.subject.organization_unit	<string>	'Subject' organization unit.	Optional;
latest_certificate.subject.state	<string>	'Subject' state.	Optional;
latest_certificate.subject.<prop>	<any>		Optional;
latest_certificate.valid_from	<string>	Certificate 'Not Before'.	Optional;
latest_certificate.valid_to	<string>	Certificate 'Not After'.	Optional;

## Links

## latest\_certificate: delete

Deletes a certificate.

```
DELETE http://{device}/api/npm.ssl_module/1.0/latest_certificates/items/{id}
```

### Response Body

On success, the server does not provide any body in the responses.

## latest\_certificate: get

Returns a certificate.

```
GET http://{device}/api/npm.ssl_module/1.0/latest_certificates/items/{id}
```

### Response Body

Returns a [latest\\_certificate](#) data object.

---

## Resource: latest\_certificates

Processed certificates.

```
http://{device}/api/npm.ssl_module/1.0/latest_certificates
```

### JSON

```
{
  "items": [ latest_certificate ],
  "total": integer,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>latest_certificates</i>	<i>&lt;object&gt;</i>	Processed certificates.	
<i>latest_certificates.items</i>	<i>&lt;array of &lt;latest_certificate&gt;&gt;</i>		Optional;
<i>latest_certificates.items[items]</i>	<i>&lt;latest_certificate&gt;</i>	Processed certificate.	
<i>latest_certificates.total</i>	<i>&lt;integer&gt;</i>	The number of total requested certificates.	Optional;
<i>latest_certificates.&lt;prop&gt;</i>	<i>&lt;any&gt;</i>		Optional;

---

## Links

### latest\_certificates: bulk\_delete

Deletes a list of certificates.

```
POST http://{device}/api/npm.ssl_module/1.0/latest_certificates/bulk_delete
```

### Request Body

Provide a [latest\\_certs\\_bulk\\_deleter](#) data object.

### Response Body

Returns a [latest\\_certs\\_bulk\\_deleter](#) data object.

### latest\_certificates: get

Returns the list of certificates.

```
GET http://{device}/api/npm.ssl_module/1.0/latest_certificates{?has_rsa_key,ignored,topby,topn}
```

### Response Body

Returns a [latest\\_certificates](#) data object.

---

## Resource: ssl\_module

SSL/TLS Module configuration.

```
http://{device}/api/npm.ssl_module/1.0/ssl_module
```

JSON

```
{  
  "enabled": boolean  
}
```

Property Name	Type	Description	Notes
<i>ssl_module</i>	<i>&lt;object&gt;</i>	SSL/TLS Module configuration.	Required properties: [enabled];
<i>ssl_module.enabled</i>	<i>&lt;boolean&gt;</i>	Enable/disable SSL Module.	

## Links

### ssl\_module: get

Returns the SSL/TLS Module configuration.

```
GET http://{device}/api/npm.ssl_module/1.0/ssl_module
```

#### Response Body

Returns a [ssl\\_module](#) data object.

### ssl\_module: set

Updates the SSL/TLS Module configuration.

```
PUT http://{device}/api/npm.ssl_module/1.0/ssl_module
```

#### Request Body

Provide a [ssl\\_module](#) data object.

#### Response Body

Returns a [ssl\\_module](#) data object.

## Type: certs\_bulk\_deleter

JSON

```
{  
  "delete_all": boolean,  
  "delete_ids": [  
    string  
  ],  
  <prop>: any  
}
```

Property Name	Type	Description	Notes
<i>certs_bulk_deleter</i>	<i>&lt;object&gt;</i>		
<i>certs_bulk_deleter.delete_all</i>	<i>&lt;boolean&gt;</i>	Delete all objects in the given configuration.	Optional;
<i>certs_bulk_deleter.delete_ids</i>	<i>&lt;array of &lt;string&gt;&gt;</i>	List of certificate ids to delete.	Optional;
<i>certs_bulk_deleter.delete_ids[items]</i>	<i>&lt;string&gt;</i>		
<i>certs_bulk_deleter.&lt;prop&gt;</i>	<i>&lt;any&gt;</i>		Optional;

## Type: ignored\_certs\_limit

JSON

```
{
  "current": integer,
  "max": integer,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>ignored_certs_limit</i>	<object>		
<i>ignored_certs_limit.current</i>	<integer>	The current number of certificates ignored.	Optional;
<i>ignored_certs_limit.max</i>	<integer>	The max number of certificates that can be ignored.	Optional;
<i>ignored_certs_limit.&lt;prop&gt;</i>	<any>		Optional;

## Type: latest\_certs\_bulk\_deleter

### JSON

```
{
  "delete_all": boolean,
  "delete_all_ignored": boolean,
  "delete_ids": [
    string
  ],
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>latest_certs_bulk_deleter</i>	<object>		
<i>latest_certs_bulk_deleter.delete_all</i>	<boolean>	Delete all objects in the given configuration.	Optional;
<i>latest_certs_bulk_deleter.delete_all_ignored</i>	<boolean>	Delete all ignored certificates in the given configuration.	Optional;
<i>latest_certs_bulk_deleter.delete_ids</i>	<array of <string>>	List of certificate ids to delete.	Optional;
<i>latest_certs_bulk_deleter.delete_ids [items]</i>	<string>		
<i>latest_certs_bulk_deleter.&lt;prop&gt;</i>	<any>		Optional;