

# Hermod API overview

Base URL for Hermod REST API:

```
Example: Base URL for Hermod REST API
https://<my-hermod-server>:20400/hermod/
```

The actual URL can differ depending on your configuration.

## Authenticate to Hermod REST API

To authenticate to Hermod, use the API key passed as a http header.

The API key must be pre-configured in Hermod. For more information, see [Add API user and callback URL in Hermod](#).

Header	Value	Description
X-API-Key	base64(id:key)	The API key is pre-configured in Hermod, with the following parameters: <ul style="list-style-type: none"><li>id = friendly, unique name for the client</li><li>key = "password-like" string</li></ul> <b>Example:</b> "<my-client>:<string of alphanumeric characters>"

## Hermod REST API use cases

The table below shows some common use cases with corresponding commands, callbacks, and links to examples.

You can try out the use cases in the [Hermod test client](#).

### Hermod REST API callbacks

Hermod sends callbacks to the integrators for command responses and timeouts. The integrator needs to implement a REST API to receive the callbacks from Hermod, according to [Hermod API](#).

One callback URL must be registered for each API user (read X-API-Key) and callbacks are sent to the API user that initiated the request. For more information, see [Add API user and callback URL in Hermod](#).

## Related information

- Hermod API
- Example: Personal Mobile authentication
- Example: Personal Mobile certificate provisioning
- Example: Personal Mobile provisioning
- Example: Personal Mobile signing
- Example: Personal Desktop authentication
- Example: Personal Desktop signing
- Add API user and callback URL in Hermod

## Links

- Hermod test client: <https://ext-cod1.test.nexusgroup.com:20488/hermod-test-app/>

Use case	Command	Callback	Personal Mobile example	Personal Desktop example
Provision profiles and generate keys to tokens and devices	POST /rest/command/provision	POST /rest/callback/provision	Example: Personal Mobile provisioning Example: Personal Mobile Certificate provisioning	
Provisioning of certificate to token and device	POST /rest/command/certificate	POST /rest/callback/certificate	Example: Personal Mobile Certificate provisioning	
Send authentication request to a device/token	POST /rest/command/authenticate	POST /rest/callback/authenticate	Example: Personal Mobile authentication	Example: Personal Desktop authentication
Send signing request to a device/token	POST /rest/command/sign	POST /rest/callback/sign	Example: Personal Mobile signing	Example: Personal Desktop signing
Ping to test that endpoint is alive	POST /rest/command/ping	POST /rest/callback/ping		
Get status of an issued command	GET /rest/command/poll/{commandId}	-		

For details on the respective commands and callbacks, see [Hermod API](#).