

NUKI

BRIDGE API

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Introduction

The REST API on the Nuki Bridge offers simple endpoints to list all available Nuki Smartlocks, retrieve their current lock state and perform lock operations.

When using the Nuki Software Bridge, all configuration is done inside the Nuki Bridge App instead of the Nuki App.

Calling URL

This is the address used to call the available services of the webserver.

The IP address is shown in the bridge settings within the Nuki App.

The server is listening for incoming requests either on default port 8080 or the configured one if it has been modified within the Nuki App.

Example:

<http://192.168.0.2:8080/>

Endpoints

/list

Returns a list of all available Nuki Smartlocks.

Parameters

token

- The API token configured via the Nuki App when enabling the API

Response

A JSON array containing a list of all available Nuki Smartlocks is returned.

Every element consists of a nukiId and the name of the Smartlock.

If the given API token is invalid, http error 401 is returned.

Example

Request

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<http://192.168.0.2:8080/list?token=c8v7b6>

Response

```
[{"nukiId": 1, "name": "Home"}, {"nukiId": 2, "name": "Grandma"}]
```

/lockState

Returns the current lock state of a given Smartlock

Parameters

nukiId

- The id of the Nuki Smartlock from which the lock state should be retrieved

token

- The API token configured via the Nuki App when enabling the API

Response

A JSON list containing the state information for the given Nuki or http error 404 if the nukiId is not known.

If the given API token is invalid, http error 401 is returned.

Possible state values are:

- 0 uncalibrated
- 1 locked
- 2 unlocked
- 3 unlocked (lock 'n' go)
- 4 unlatched
- 5 locking
- 6 unlocking
- 7 unlatching
- 254 motor blocked
- 255 undefined

Example

Request

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<http://192.168.0.2:8080/lockState?nukiId=1&token=c8v7b6>

Response

Locked

```
{“state”: 1, “stateName”: “locked”, “batteryCritical”: false, success: “true”}
```

Error retrieving state information

```
{success: “false”}
```

/lockAction

Performs a lock operation on the given Nuki Smartlock

Parameters

nukiId

- The id of the Smartlock which should execute the lock action

action

- The desired lock action. Possible values are:
 - 1 unlock
 - 2 lock
 - 3 unlatch
 - 4 lock ‘n’ go
 - 5 lock ‘n’ go with unlatch

token

- The API token configured via the Nuki App when enabling the API

Response

The webservice will send its response once the desired lock action has been completed or an error has occurred.

A JSON list containing a success flag or http error 404 if the nukiId is not known or http error 400 the action is undefined.

If the given API token is invalid, http error 401 is returned.

Example

Request

<http://192.168.0.2:8080/lockAction?nukiId=1&action=1&token=c8v7b6>

Response

{“success”: true, “batteryCritical”: false}