

INSTALL GUIDE · DEVELOPERS AND MSPS

The Uplivra API

Everything you can do in the web interface's basics (sites, devices, checks, alerts, maintenance, where alerts go, and the audit log) can be scripted over HTTPS with a token.

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Get a token

On the Uplivra server, run:

```
sudo uplivra token create -name "backup script"
```

The token is shown once, so copy it somewhere safe. Add `-read-only` for a token that can read everything but change nothing. `sudo uplivra token list` shows your tokens (never their values), and `sudo uplivra token revoke -id 3` stops one working at once.

Send the token with every request:

```
curl -H "Authorization: Bearer uv_admin_..." https://uplivra.example.com/api/v1/devices
```

The description

The full description is at `https://<your server>/api/v1/openapi.json` (OpenAPI 3.1, no token needed). Load it into Postman, Insomnia or a code generator.

Paging

Lists return a JSON array of up to 100 items. Add `limit` (at most 1000) for bigger pages. When there's more, the response has two headers:

```
X-Next-Cursor: 1234  
Link: </api/v1/devices?cursor=1234&limit=100>; rel="next"
```

Ask again with `cursor` set to that value and the same filters. When `X-Next-Cursor` is missing, you have everything.

Rate limits

Each token can make 300 requests a minute, in bursts of up to 60. Every response carries `X-RateLimit-Limit` and `X-RateLimit-Remaining`. Over the limit, the answer is `429 Too Many Requests` with `Retry-After` in seconds. An address that sends more than 20 wrong tokens a minute is slowed down the same way.

The audit log

`GET /api/v1/audit` returns the audit log, newest first, with the same filters as the web page: `since`, `until`, `actor`, `action`, `result` and `correlation_id`. Read-only tokens can use it, which suits a SIEM or a compliance script. Each entry carries its hash, so you can check the chain yourself. Every read is itself recorded, and everything a token changes is recorded as `token: <name>`.