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Hosting through the API: subdomains, databases, cron jobs, SSL, PHP options and FTP

cPanel & WHM

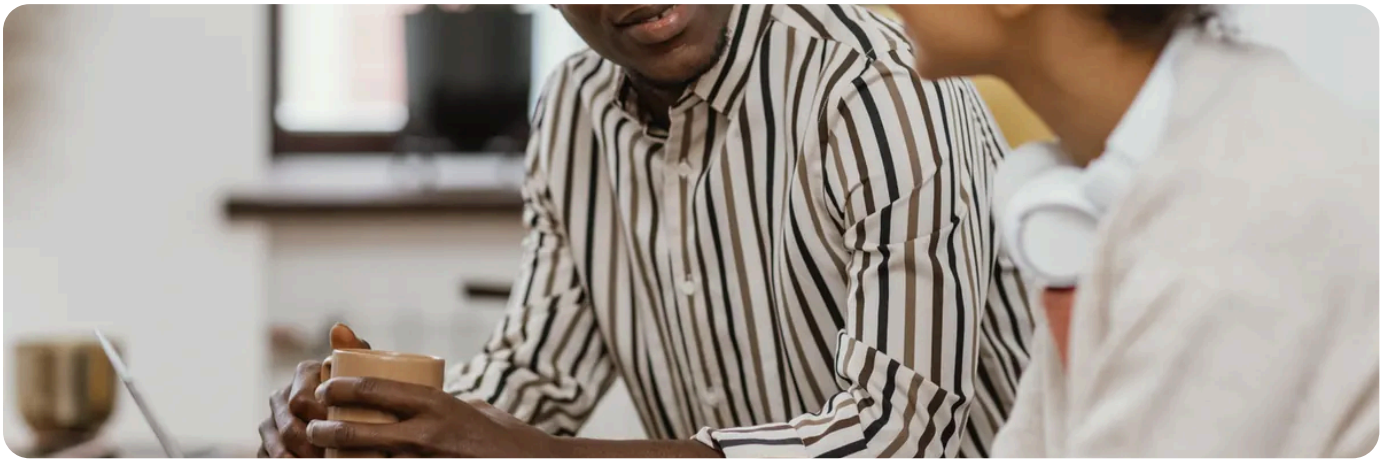
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https://www.meu.mozout.co.mz/knowledgebase/2771

Hosting through the API: subdomains, databases, cron jobs, SSL, PHP options and FTP

cPanel & WHM Created on **November 13, 2026** 3 min read



The short answer: the API reads your account's services and manages active hosting: plan usage, subdomains, addon domains, redirects, databases, cron jobs, SSL, PHP options, backups and FTP. Everything runs in that service's account. You read with `hosting:read` and change with `hosting:write`.

Finding the service

`GET /v1/services` returns every service in the account, most recent first, in pages (filter `?status=active`). `GET /v1/services/{id}` shows the product, address, status, cycle, amount and next due date, but never passwords. While a service is unpaid, `domain` and `username` may be `null`. The `id` is what you use in every operation below.

What you can manage

Area	Operations	Notes
Usage	`GET /v1/services/{id}/usage`	Disk, traffic and plan resources.
Subdomains	`GET`, `POST`, `DELETE .../subdomains`	Deleting needs the name in `confirm`.
Addon domains	`GET`, `POST`, `DELETE .../addon-domains`	Deleting needs the name in `confirm`.
Redirects	`GET`, `POST`, `DELETE .../redirects`	Deleted by `id` alone.
Databases and users	`.../databases`, `.../database-users`	The account prefix is added automatically on creation.
Cron jobs	`GET`, `POST`, `DELETE .../cron`	Creating needs `hosting:code`.
SSL	`GET .../ssl`, `POST .../ssl/autossl`	Request the free ones, once every 15 minutes.

Area	Operations	Notes
PHP	`GET .../php`, `GET` and `PUT .../php/options`	Reads the version; changes options such as `memory_limit`.
Backups	`GET` and `POST .../backups`	One full backup on request, once a day.
FTP	`.../ftp-accounts`	Creating and changing passwords needs `hosting:code`.

Example: a subdomain for the blog

```
curl https://api.mozout.co.mz/v1/services/123/subdomains -X POST \
-H "Authorization: Bearer $RLX_API_KEY" \
-H "Content-Type: application/json" \
-d '{"root_domain": "asuaempresa.co.mz", "name": "blog", "directory": "public_html/blog"}'
```

Folders are always relative to the account folder, such as `public_html/blog`; `..` and system folders are not accepted. An addon domain, or the root of a subdomain, must be active in your account (registered with us, or belonging to an active hosting plan); otherwise the answer is `409` with `domain_not_owned`. A domain registered elsewhere is added in cPanel.

Cron jobs without free-form commands

To create a job you give `php_script` (a PHP file in the account) or `url` (a public address to call), and the timing in `schedule`. The shortest interval is 5 minutes and each account can have up to 20 jobs. The address must use a domain name that resolves to public addresses, never an IP or an internal name. For other commands, use cPanel.

```
{ "schedule": "*/15 * * * *", "php_script": "public_html/cron.php" }
```

The cPanel login link

(`POST /v1/services/{id}/cpanel-login`, with `hosting:login`) works only once and gives full access to the panel: use it straight away and never store it in logs. For the same reason, a cron job's command is only filled in with `hosting:code`; without it, `command_hidden` comes back `true`.

When it answers 409 or 502

Only on active hosting, on a supported server. Otherwise, `409` with `not_hosting`, `service_not_active`, `server_not_supported` or `service_not_ready`; a service from another account gives `404`. If the server does not answer as expected, you get a `502`. Changes are limited to 20 per minute, per hosting account, and panel logins to 5 per minute.

What is still done in cPanel or Meu MozOut:

Changing the PHP version, files, Git, Node.js and restoring backups. Database passwords are 12 to 128 characters, with at least 3 kinds among lowercase, uppercase, digits and symbols, and never come back in answers. To give other tools access without the API, there are also **cPanel API tokens**.

RECOMMENDED

Want to automate your hosting? See the API page and start with a Sandbox key that only has hosting:read.

See the API page →

SEE ALSO

- Hosting e-mail through the API: mailboxes, passwords, quotas, forwarders and the default address →
- DNS through the API: adding, changing and deleting records, and restoring a zone backup →
- Sensitive API permissions and the spending limit: paying, buying, reinstalling, cPanel access →
- Idempotency-Key in our API: repeating a purchase, payment or ticket without doing it twice →
- API request limits: per key, per account and per task, the headers and what to do after a 429 →
- cPanel API tokens: automating without handing over your password →

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