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Registering a domain through the API and paying from your credit

What You Can Automate

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Registering a domain through the API and paying from your credit

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In short: your system checks the name, registers it with `POST /v1/domains/register` and follows the action until it finishes. The registration is paid on the spot from your account credit, at your Agence discount, and leaves no unpaid invoices. If credit runs short, the price changes or your profile is incomplete, nothing is charged. The **domain reseller page** shows the whole flow.

The right key for buying

Create the key on the **API page in Meu Interweb** with `domains:read`, `domains:write` and `billing:purchase`. Add `billing:read` if you want your program to see the credit before it buys. `billing:purchase` is a sensitive permission, off by default, and every purchase counts towards the key's spending limit. The step-by-step guide is in **creating an API key**.

Start with a `sandbox_` key. Name checks are real and registration is simulated: the response looks just like Production, with `credit_sufficient` and `within_spending_limit` telling you whether the purchase would go through, but nothing is registered or charged. When you are ready, just swap the key.

From a name to a live domain

1. **Check the name.** `GET /v1/domains/availability?domain=...` says whether it is free and gives the price for 1 to 10 years, in `prices`. If the status is `unknown`, it could not be confirmed right now and registration through the API will not go ahead.

2. **Check your credit** with `GET /v1/billing/credit`. If it is not enough, the purchase answers `402` and nothing is charged.

3. **Register.** `POST /v1/domains/register` takes the `domain`, the `years` (1 to 10; without it, 1 year) and, if you like, `nameservers` (2 to 5). Without nameservers, the domain gets ours. The transfer lock is switched on unless you send `"locked": false`.

4 **Always send the `Idempotency-Key` header**, built from your client's order number. If the connection drops, repeat with the same value and the domain is not bought twice.

5 **Follow the action.** The answer is `202` with an `action_id`. `GET /v1/actions/{id}` shows `queued`, `running` and finally `done` or `failed`. For a .co.mz it reaches `done` in seconds.

A .co.mz for 2 years, with your client's nameservers:

```
curl https://api.interweb.ao/v1/domains/register -X POST \
-H "Authorization: Bearer $INTERWEB_API_KEY" \
-H "Content-Type: application/json" \
-H "Idempotency-Key: order-2051-domain" \
-d '{"domain": "asuaempresa.ao", "years": 2, "nameservers": ["ns1.asuaempresa.ao", "ns2.asuaempresa.ao"]}'
```

The response includes `amount` and `currency`: what came out of your credit, with your discount applied. Keep it with the client's order.

The answers you may get

Answer	When	What to do
`402 insufficient_credit`	Not enough credit. Nothing was charged.	Top up and ask again.
`403 spending_limit_exceeded`	The purchase goes over the key's spending limit. Nothing was charged.	Use a key with a higher limit.
`422` with `portal_url`	The case is handled in Meu Interweb: .ac.mz, .gov.mz, .mil.mz, .mz and .ao names up to 3 characters, extensions that need extra registrant details.	Follow the link and register in Meu Interweb.
`422 period_not_available`	The extension has no price for that number of years. Nothing was charged.	Ask for a different number of years.
`409 account_email_domain`	You sent nameservers for the domain of your account e-mail, or of one of its users.	Register without nameservers and change them in Meu Interweb.

You can add a `promo_code` to the request. If it gives no discount on that purchase, the answer is `422 promo_not_applicable` and nothing is charged. The other codes are in **our API's error codes**.

Know straight away when it ends.

Instead of asking about the action over and over, save a webhook with the `domain.registered` and `domain.registration_failed` events. When it fails, `refund.automatic` says whether the amount goes back to your credit. See **long-running API operations** for the rest.

RECOMMENDED

Ready to plug in your system? Start with a Sandbox key, and see on the domain reseller page what registers on the spot.

See the domain reseller page →

SEE ALSO

- **Domains through the API: checking a name, registering, renewing and transferring with credit**
- **Idempotency-Key in our API: repeating a purchase, payment or ticket without doing it twice**
- **Long-running API operations: the 202 answer, the action_id and following the result**
- **API Sandbox or Production: what each key really does, and moving your program to production**
- **Sensitive API permissions and the spending limit: paying, buying, reinstalling, cPanel access**
- **Resellers and agencies: a new client's domain, DNS and mailboxes through the API, step by step**

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