Authenticating to the API

Sentilai's API uses OAuth 2.0 **client credentials**. You create a credential in the console, exchange it for a token, and call the API with the token.

Creating a credential

API Credentials ? Create Credential:

- **Name** — after the system that will use it, not the person creating it.
- **Scopes** — see Scopes and least privilege.
- **Expires in** — 30, 90 or 180 days, or a year.
- **IP allowlist / denylist** — one entry per line or comma-separated; CIDR ranges work.

The **client secret is shown exactly once**, in a dialog that asks you to confirm you have saved it. There is no way to retrieve it afterwards — only to reissue, which invalidates the old one.

Using it

Exchange the client id and secret for an access token at `POST https://admin.sentilai.com/api/oauth/token`, then send it as a bearer token. The request body is **form-encoded** (standard OAuth), not JSON:

```
curl -X POST https://admin.sentilai.com/api/oauth/token \
  -d "grant_type=client_credentials" \
  -d "client_id=cid_..." \
  -d "client_secret=..."
```

The response carries `access_token` (valid for an hour) and `token_type: Bearer`. Send it as `Authorization: Bearer <token>`. The token carries your credential's scopes; a call outside them is refused.

Rotating

Reissue secret generates a new secret and the old one stops working immediately. Plan for a moment of downtime in whatever uses it, or create a second credential, migrate, and revoke the first.

Revoke is permanent.

Expiry

Set one. An expiring credential forces a rotation you would otherwise never do, and the console shows the expiry date in the table so it does not surprise you.

The **Last used** column tells you which credentials are actually in service — "never" is usually a credential someone created, mislaid the secret for, and quietly recreated.

Create a credential

The secret is shown once, right after creation — it can't be retrieved again.

Name

e.g. CI pipeline

Scopes

- [ ] `audit:read`
- [ ] `risk:read`
- [ ] `policy:read`
- [ ] `policy:write`
- [ ] `users:read`
- [ ] `users:write`
- [ ] `gateway:invoke`

Expires in

90 days

IP allowlist (optional — one per line or comma-separated)

e.g. 203.0.113.0/24

IP denylist (optional)

Cancel Create

The create-credential dialog — name, scopes, expiry and IP restrictions. The secret is shown once, right after creation.

Revision #15
Created 2026-08-02 10:19:29 UTC by Sentilai Docs
Updated 2026-08-14 12:38:20 UTC by Sentilai Docs