

SSO Single Sign On

andinoxis
rezyo

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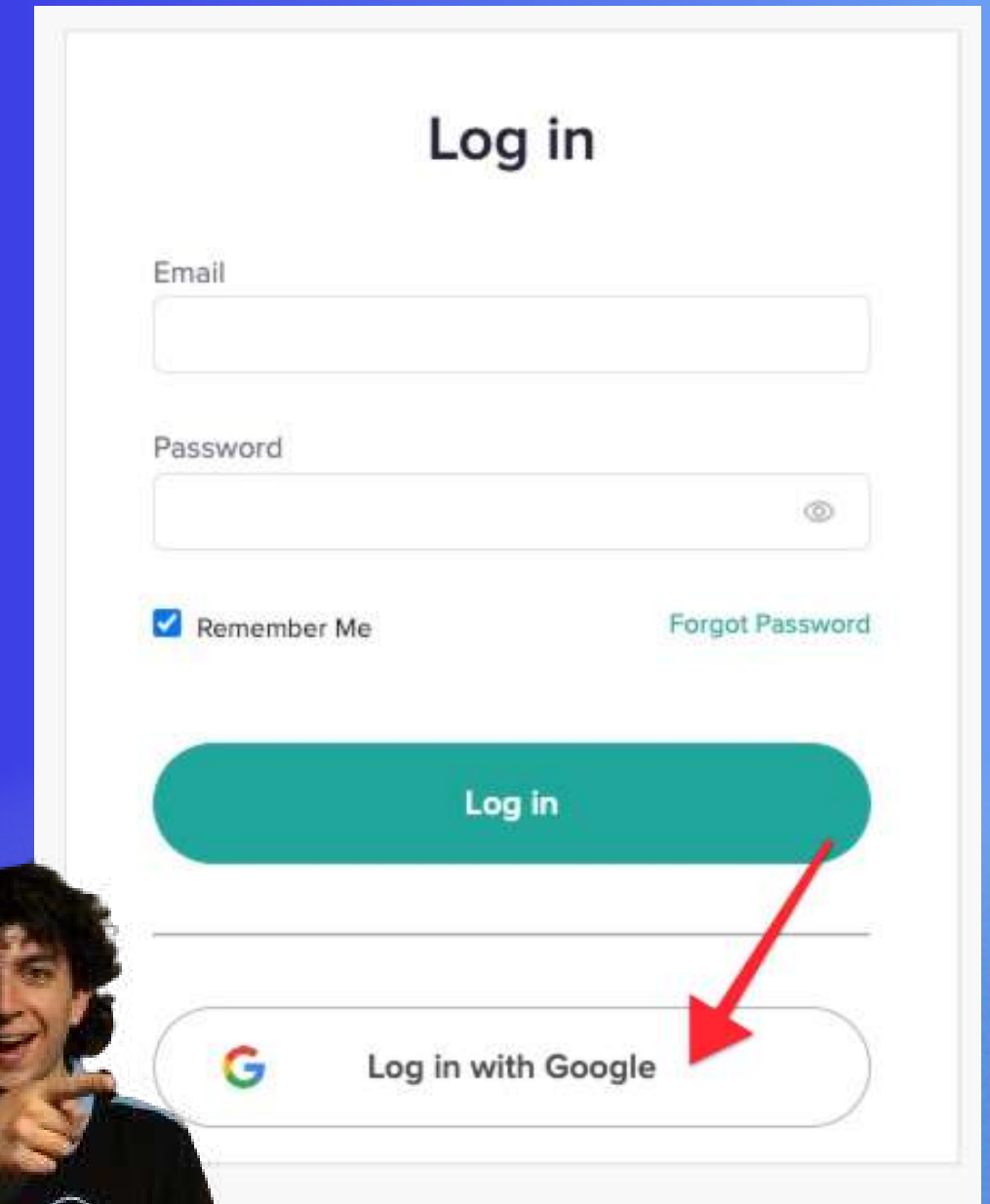
PQ CHANGER ?

5

PLACE AU TP

C'est quoi le SSO ?

Tu connais google ?



The image shows a login interface for a system called MiNET. It features a white box with a light gray border. At the top, the text 'Log in' is centered. Below it are two input fields: 'Email' and 'Password'. The 'Password' field has a small eye icon on the right. Under the 'Email' field is a checkbox labeled 'Remember Me'. To the right of the checkbox is a link that says 'Forgot Password'. Below these elements is a large teal button labeled 'Log in'. At the bottom of the form is a button with the Google logo and the text 'Log in with Google'. A red arrow points from the 'Log in' button to the 'Log in with Google' button.



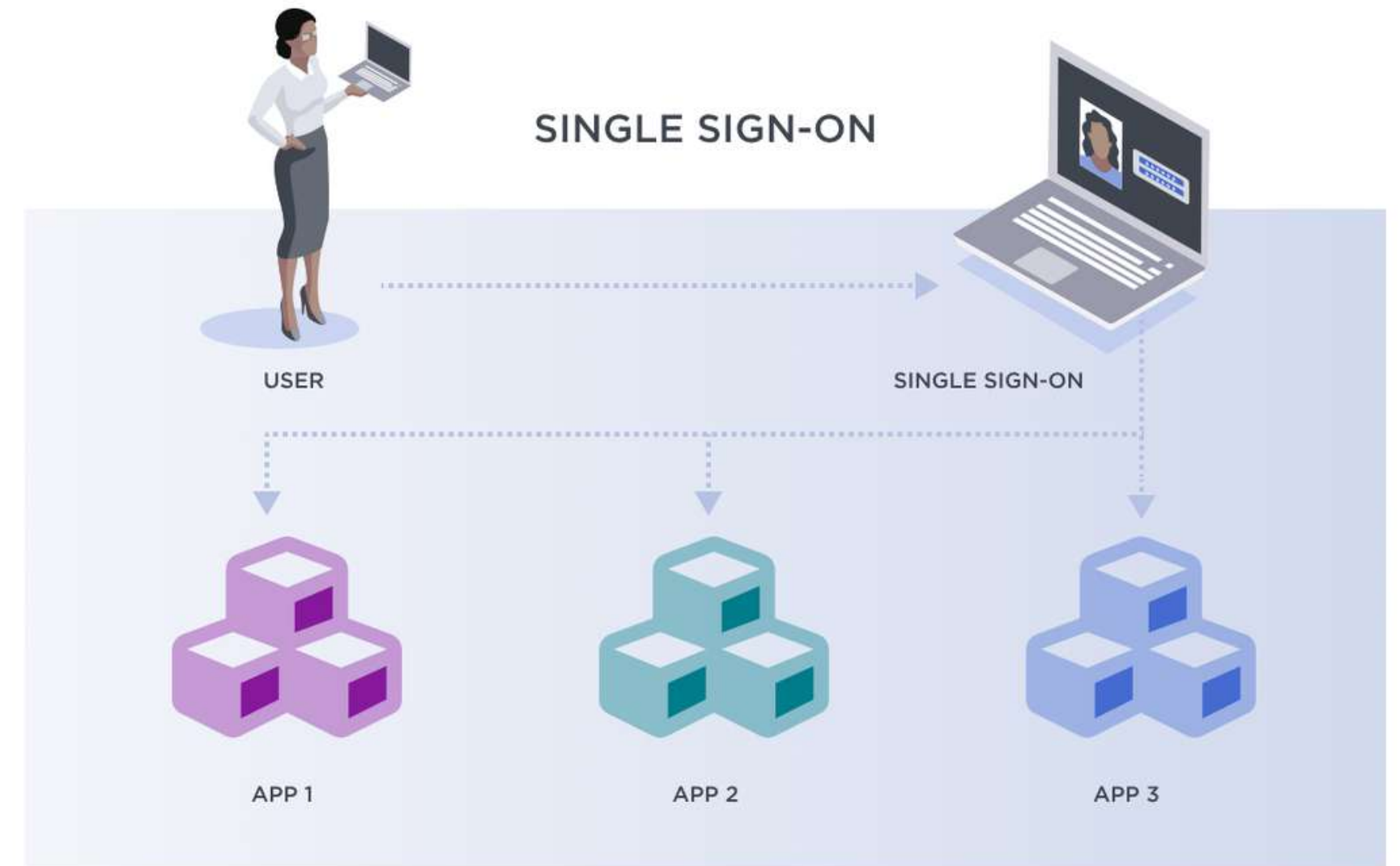


Le SSO

- 01 Bien plus rapide pour l'utilisateur

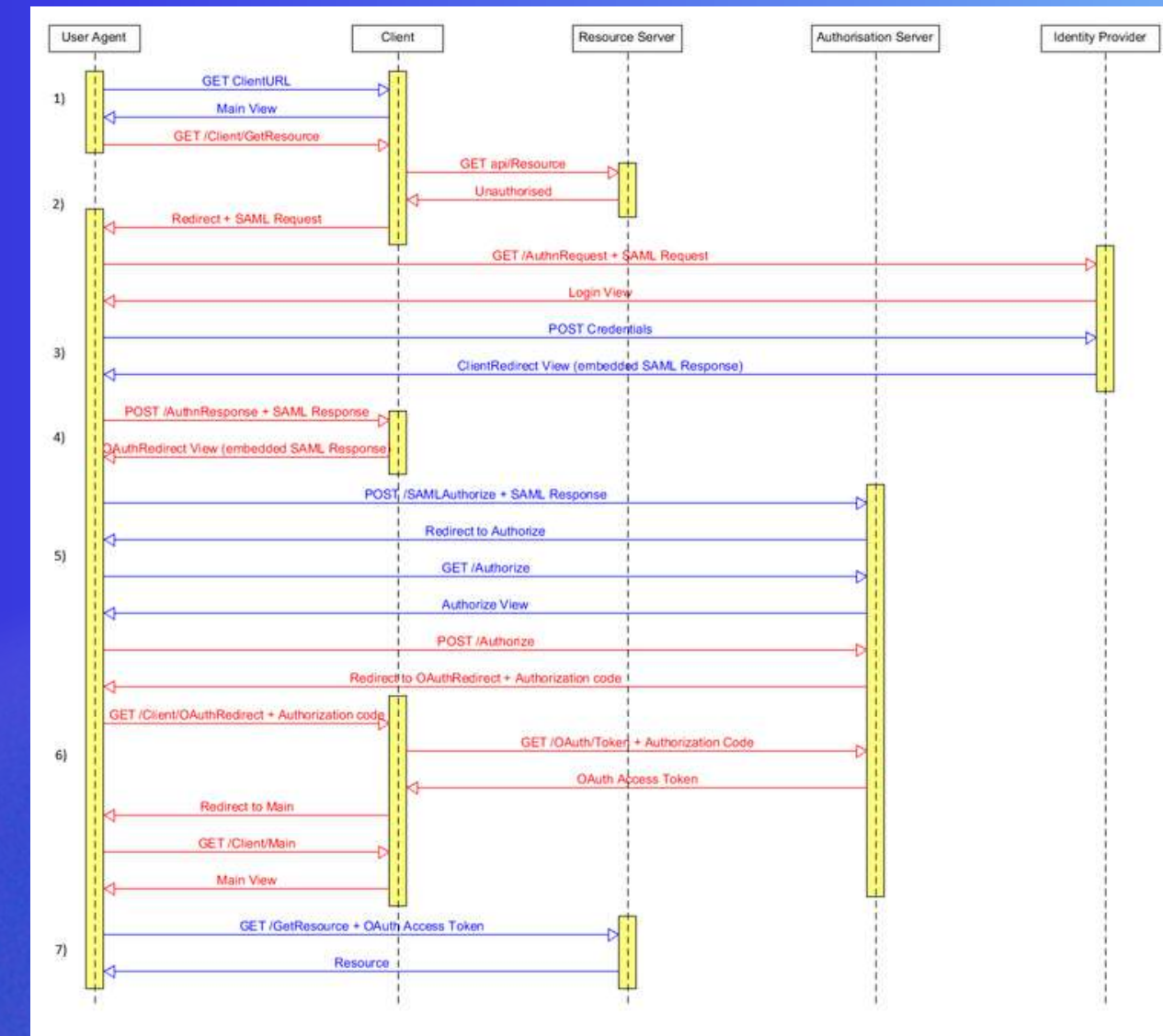
- 02 Plus facile à intégrer pour les dev

- 03 Un seul système d'authentification à gérer, donc une seule database

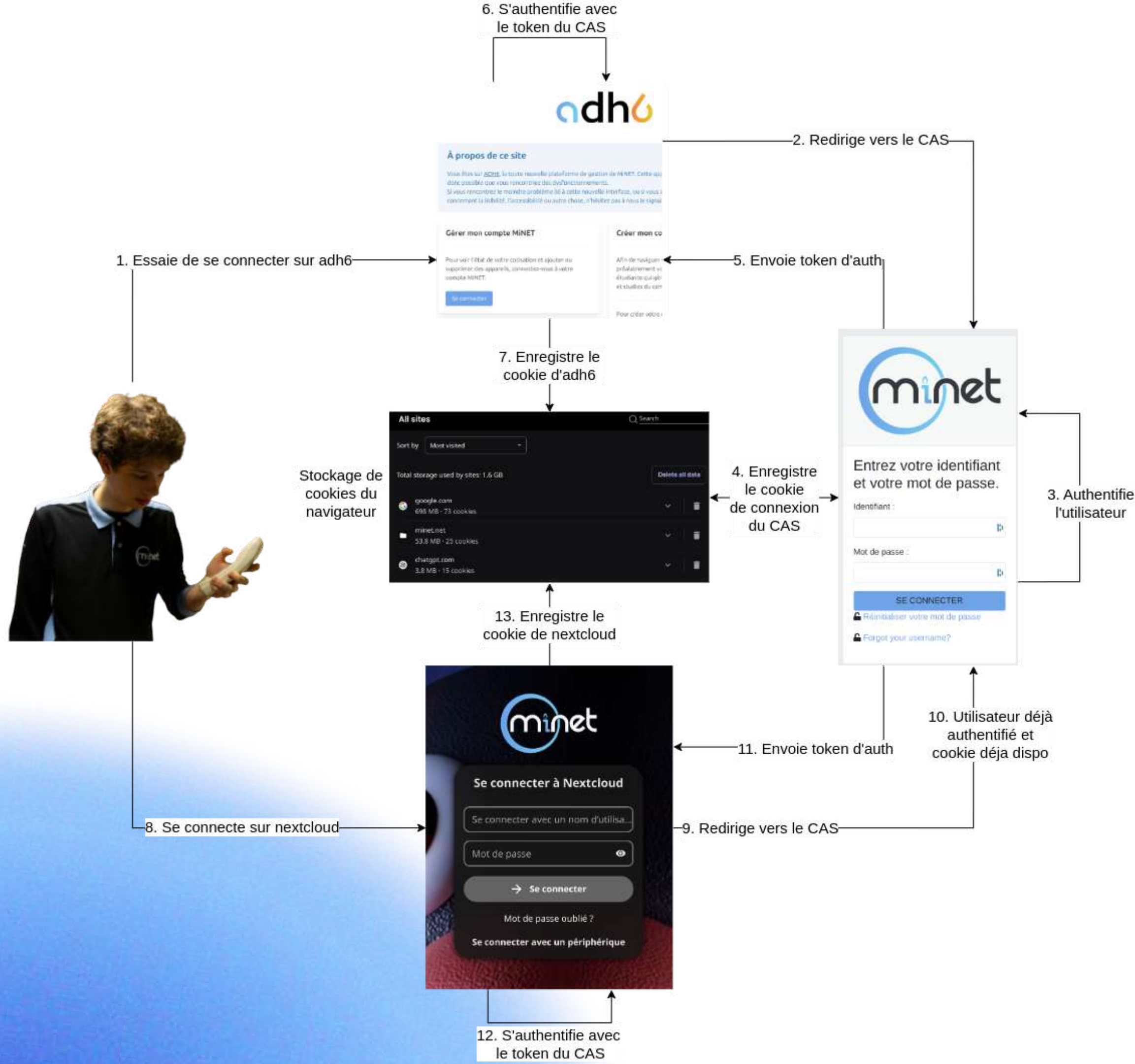


Behind the scene

Comment ça marche ?



Plus simplement :



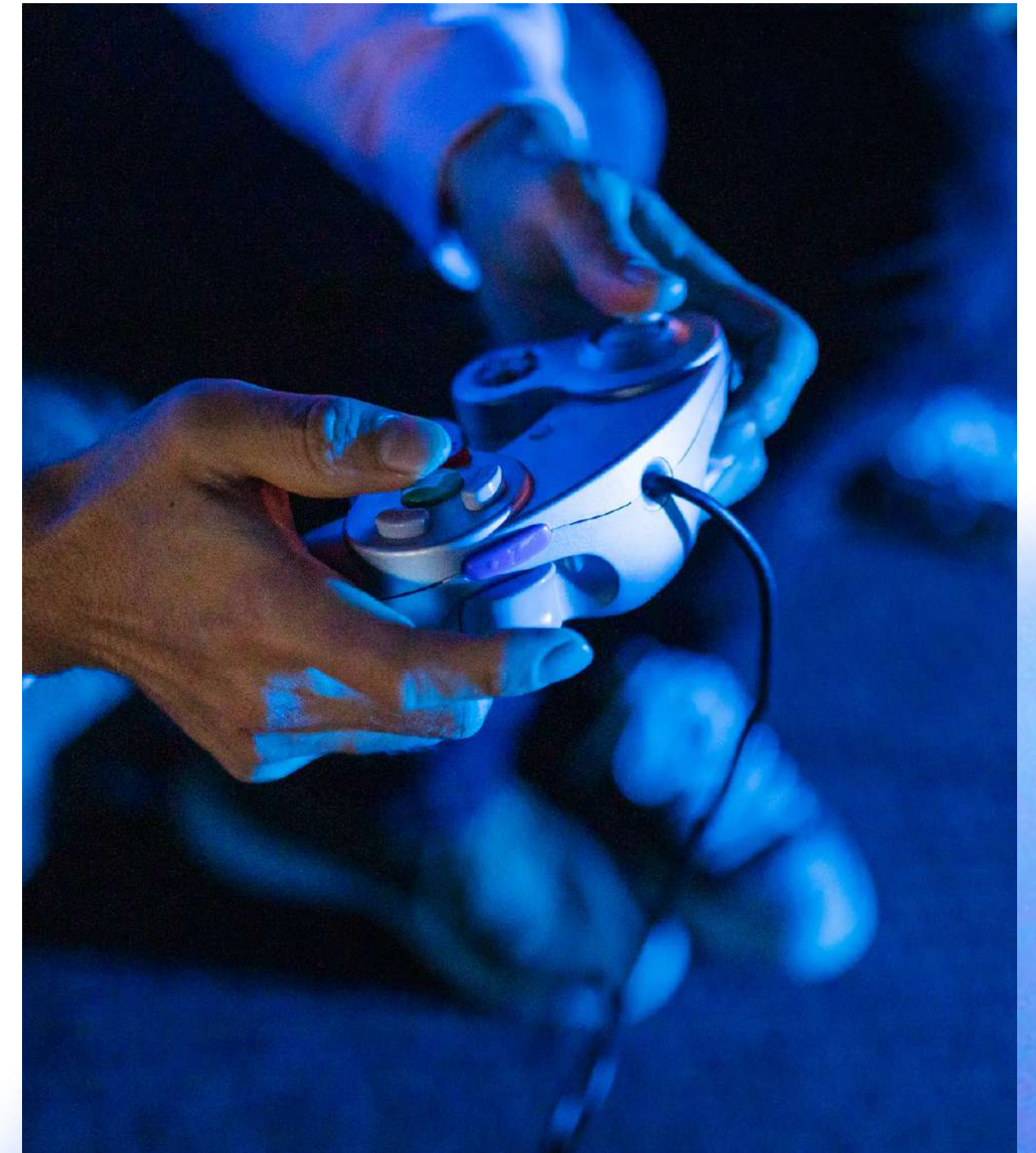


Problèmes

- 01 Quelques sites dédiés aux sports numériques

- 02 De plus en plus de gens peuvent s'offrir des PC pour jeux vidéo à la maison

- 03 Acheter plusieurs titres de jeux peut être trop cher



et chez nous ?

cas.minet.net

A screenshot of the Minet login page. At the top is the Minet logo, which consists of a blue circle with a small blue figure inside, followed by the word "minet" in a black, lowercase, sans-serif font. Below the logo is a section titled "Enter your Username and Password". It contains two input fields: "Username:" and "Password:". Below these fields is a blue button labeled "LOGIN". At the bottom of the login section are two links: "Reset your password" and "Forgot your username?", each preceded by a small blue padlock icon.

et chez nous ?

Aperreo

The CAS logo is displayed in a large, bold, dark blue font. A single green leaf is positioned behind the letter 'A', partially overlapping it.

Pq changer ?

KEYCLOAK



English v

Sign in to your account

Username or email

Password

☐ Remember me [Forgot Password?](#)

Sign In

Critère	Keycloak	Apereo CAS
Type de solution	IAM complet avec SSO	SSO uniquement
Fonction principale	Authentification + Gestion des utilisateurs et des rôles	Authentification centralisée (SSO)
Protocoles supportés	OAuth 2.0, OpenID Connect, SAML	CAS (natif), SAML, OAuth 2.0
Gestion des utilisateur	Interne ou externe	Externe
Multi-app	oui	oui mais moins flexible
Deploiement	docker / kub	tomcat java
Security et update	Red Hat	Communautaire

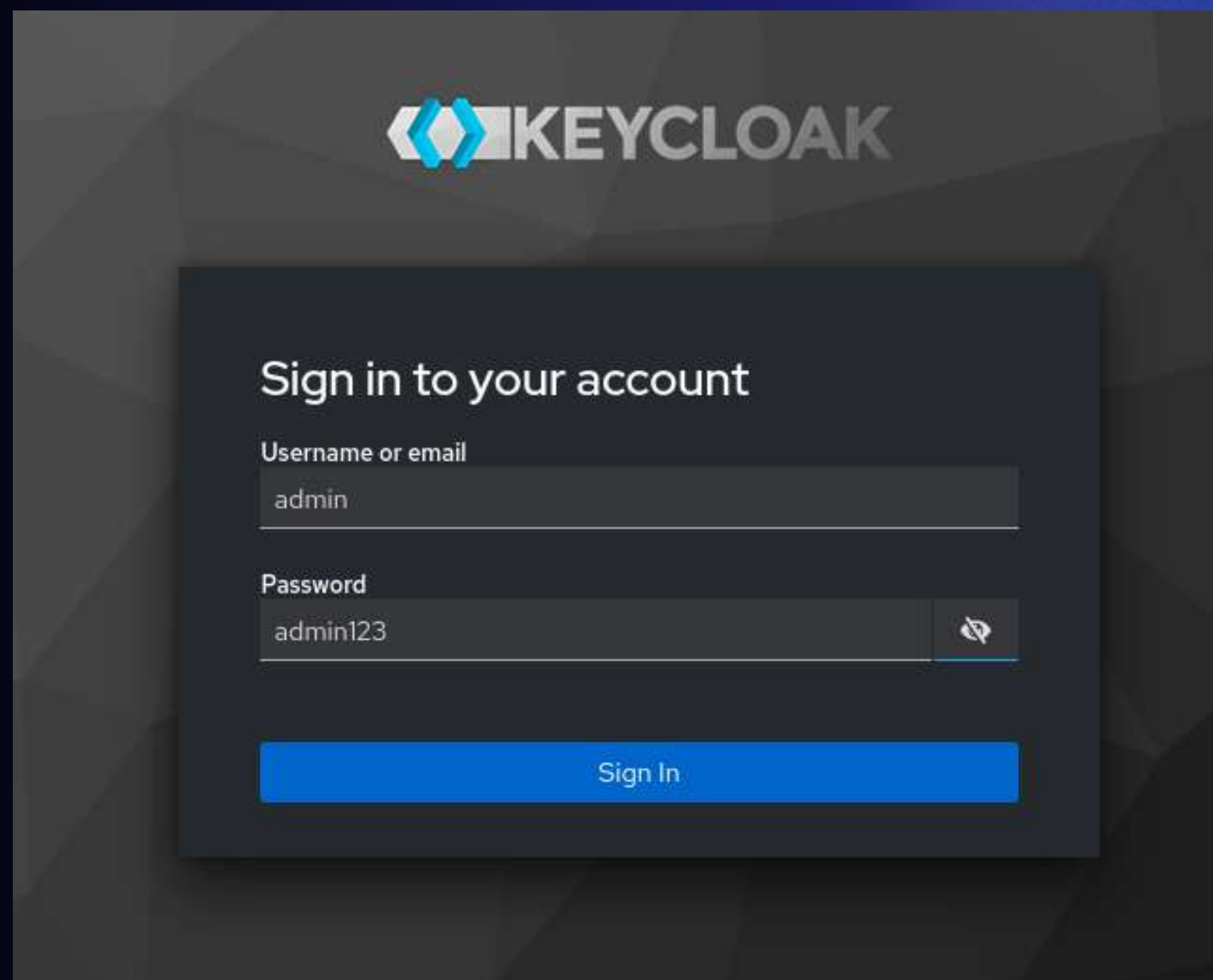


C'est l'heure du TD

```
docker pull andinox/sso_minet:latest
```

```
docker run -p 8080:8080 andinox/sso_minet:latest
```

Récupérer le Client Secret



KEYCLOAK

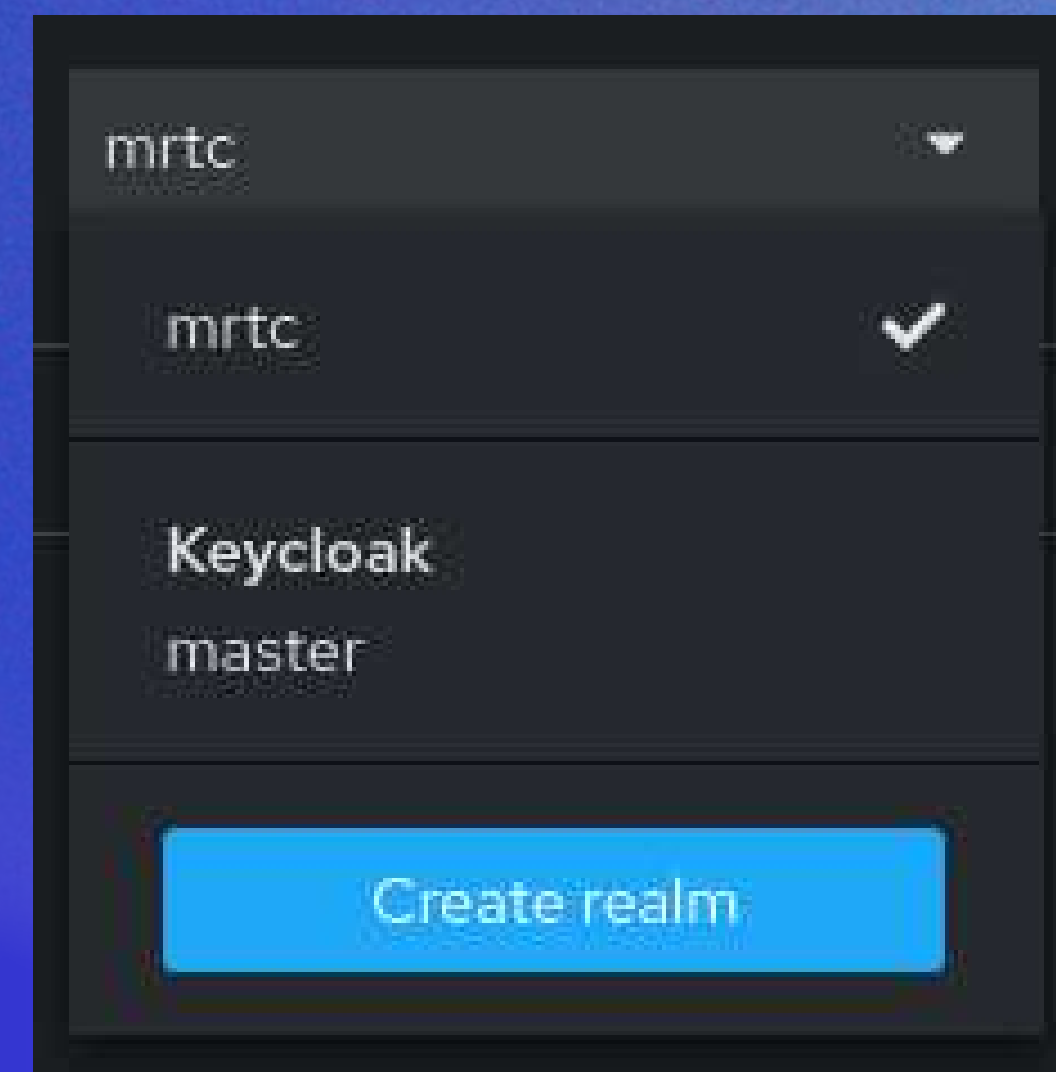
Sign in to your account

Username or email
admin

Password
admin123

Sign In

localhost:8080



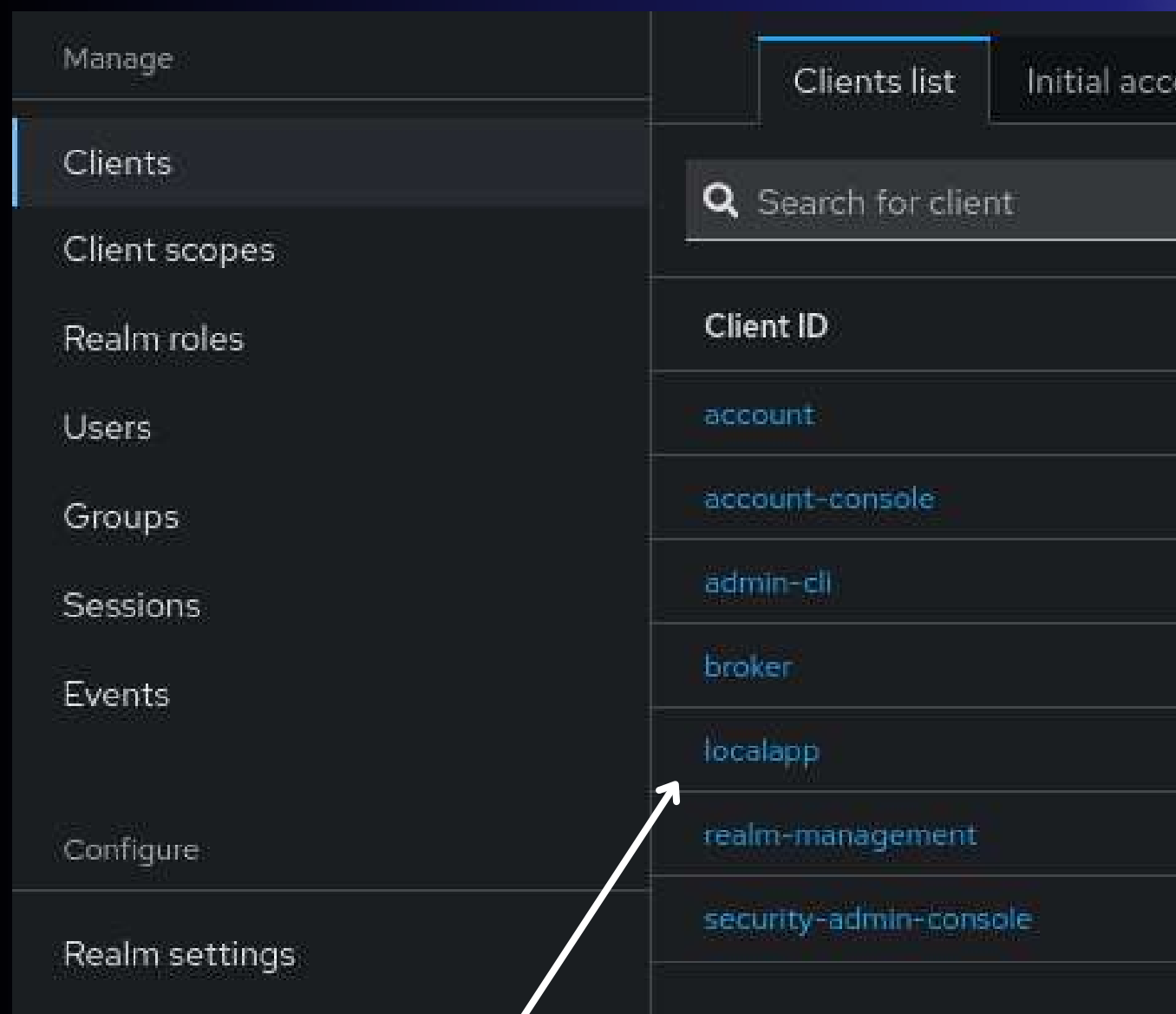
mrtc

mrtc ✓

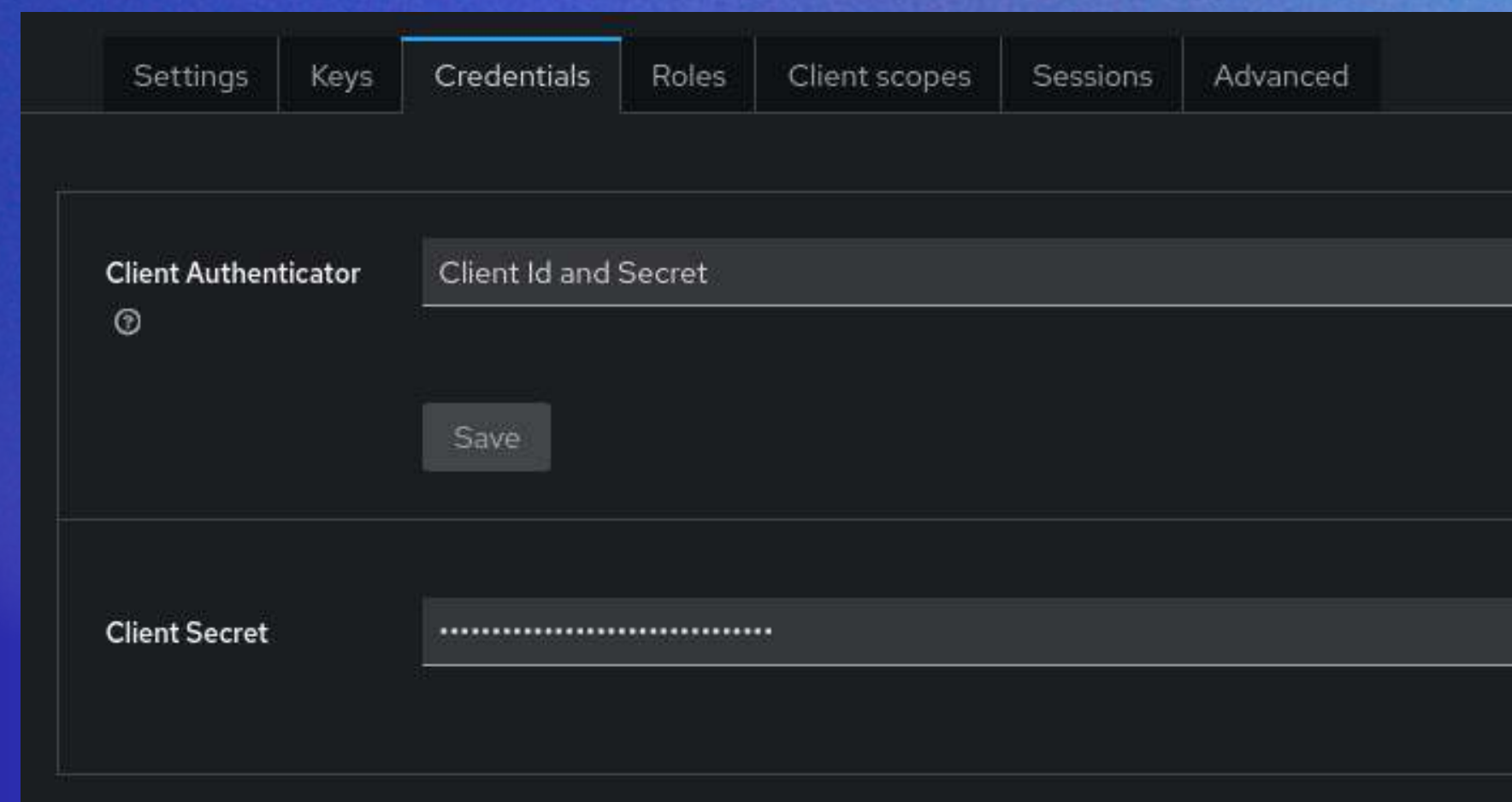
Keycloak
master

Create realm

Récupérer le Client Secret



l'id de l'app



& Settings -> Direct access grants

POUR LES REQUESTS



postman



bruno

Récupérer l'access token

POST ▼ http://localhost:8080/realms/mrtc/protocol/openid-connect/token Send ▼

Params ● Authorization Headers (8) Body ● Pre-request Script Tests Settings Cookies

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary

	Key	Value	Bulk Edit
☒	client_id	localapp	
☒	grant_type	password	
☒	username	minetien	
☒	password	password123	
☒	client_secret	Y3FRZqFVBHCQWJq4ZUrmkRpn74ObVfFx	
☒	scope	openid profile email	
	Key	Value	

<http://localhost:8080/realms/mrtc/protocol/openid-connect/token>

Récupérer les infos users

POST ▼ http://localhost:8080/realms/localrealm/protocol/openid-connect/userinfo Send ▼

Params **Authorization** ● Headers (8) Body Pre-request Script Tests Settings Cookies

Type Bearer Token ▼

The authorization header will be automatically generated when you send the request.
[Learn more about authorization](#) ↗

Token eyJhbGciOiJSUzI1NiIsInR5cCIgOiAiSldUIiwia...

🔒 Store your secrets with end-to-end encryption locally using Vault. Store in Vault

Body Cookies Headers Test Results Status: 403 Forbidden Time: 7 ms Size: 360 B Save Response ▼

Pretty Raw Preview Visualize Text ▼ 📄 🔍

<http://localhost:8080/realms/localrealm/protocol/openid-connect/userinfo>