

Multifactor Authentication With edu-ID

You can already configure two-factor authentication for your SWITCH edu-ID account. However, two-factor authentication will only be activated on the UNIL [VPN](#) on the 11th of July 2022 and is therefore not yet available.

The IT department is gradually activating **multi-factor authentication** (or **MFA**, **two-factor authentication** or **strong authentication**) for various services in order to increase the security of our applications ([more info on our blog](#), in French). In addition to your password, you will be asked for a one-time code, either received by SMS or generated in an application provided for this purpose (such as Google Authenticator).

The edu-ID digital identity includes multi-factor authentication and enabling it is easy. To read official SWITCH documentation on MFA and edu-ID, go here:

<https://help.switch.ch/eduid/faqs/?lang=en#mfa>

Activation

([adapted from the official SWITCH documentation](#))

To **enable** two-step login, go to your SWITCH edu-ID account at <https://eduid.ch> and click on the plus (+) sign next to **Two-step login**

Mon compte d'utilisateur

Données d'authentification

		État	Actions
E-mail de contact	guy@univ.ch guy@univ.ch	<input type="checkbox"/>	<input type="button" value="i"/>
	guy@univ.ch	<input checked="" type="checkbox"/>	<input type="button" value="★"/> <input type="button" value="i"/>
	Rajouter une adresse e-mail		<input type="button" value="+"/>
Mot de passe		<input type="button" value="✎"/>
	Authentification en deux étapes		<input type="button" value="+"/>

or go directly to the two-step login settings (<https://eduid.ch/web/edit-security-settings/>). Then enable one of the two-step login methods.

If you choose the app generated code (TOTP), you must install an **authenticator app** such as [Authy](#), [FreeOTP](#), [Google Authenticator](#), or [OTP Auth](#) to get your codes.

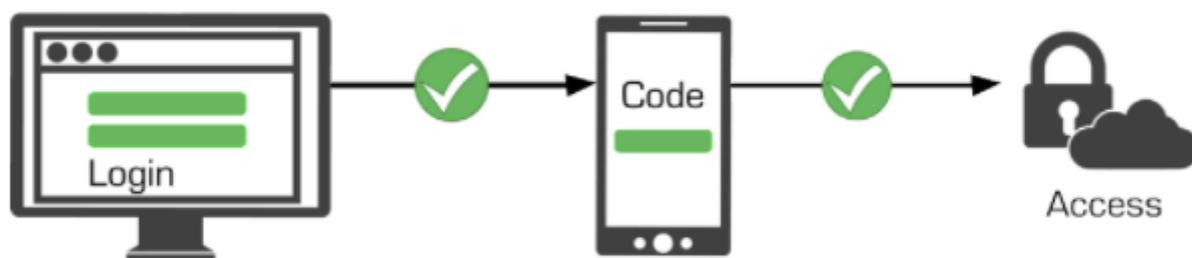
If you use a non-Swiss phone number, please be aware that certain countries and operators may limit the delivery of SMS messages, or charge for them. In this case, we recommend you use an authenticator app rather than the SMS option.

It is possible to enable more than one two-step login method. **Login with app** is then displayed as the first/preferred tab.

Paramètres de sécurité

Authentification en deux étapes

Améliorez la sécurité de votre compte SWITCH edu-ID et activez l'authentification en deux étapes pour les services qui l'exigent.



État de l'authentification en deux étapes:

On

Mode

Sur demande

Toujours

Le réglage 'Sur demande' active l'authentification en deux étapes uniquement pour les services qui ont besoin de sécurité améliorée lors de la connexion.

Le réglage 'Toujours' force l'utilisation de l'authentification en deux étapes pour chaque service auquel vous vous connectez.

Codes d'app mobile (TOTP)

Off On

Après vérification de vos nom d'utilisateur et mot de passe, le système vous demandera en plus d'entrer un code éphémère, généré par une des [applications mobiles](#) d'authentification

Codes de vérification SMS

Off On

Après vérification de vos nom d'utilisateur et mot de passe, vous obtiendrez un code à usage unique dans un message SMS.

Codes de secours

Off On

Vos codes de secours actuels sont activés.

Si vous ne disposez plus de vos codes de secours, nous vous recommandons vivement d'[en générer des nouveaux](#) maintenant.

Retour

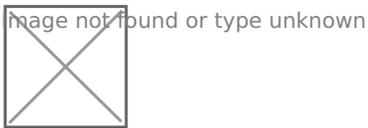
Depending on your settings, two-step login is only used **for those services that require it (On request)** or **for all services each time (Always)**.

To **disable** two-step login, go back to the *two-step login settings* (<https://eduid.ch/web/edit-security-settings/>) and disable all of the enabled methods. Please note that this may mean that you need to reinitialise or reverify the verification code if you reactivate a certain method later on.

Most of the authenticator apps mentioned above work with multiple account providers too, such as Google, Facebook, etc.

Connection

When connecting to a service requiring a second factor, after the usual login asking for your email address and edu-ID password, you will be presented with a new page:



This page enables you to choose between using an app generated code (for example in **Google Authenticator**) or an SMS, depending on what you have configured. If available, the *don't ask again for one week* option means you will not be prompted for the second factor for seven days when using the current browser.

Connecting to the Pulse Secure VPN

Starting from the 11th of July 2022, each time you connect to our VPN, you will be prompted with the familiar edu-ID login page, requiring you to enter your email address and edu-ID password:

SWITCH edu-ID

Connexion à: PulseSecureTest

i Seul un edu-ID personnel permet d'accéder à ce service. Si vous n'en avez pas encore un, créez-le et liez-le à votre compte UNIL sans tarder. Plus d'information: <https://www.unil.ch/eduid>

Description du service:

test VPN authentication with SAML2 using SWITCH edu-ID as IdP, register test Pulse Secure as SdP

SWITCH edu-ID

Email:

Mot de passe:

[Mot de passe oublié?](#)

[Options pour protéger des données personnelles](#)

Then, if you haven't yet configured a second factor, the process will guide you through setting it up. By clicking on continue, you will be taken to the two-step *authentication settings* page (<https://eduid.ch/web/edit-security-settings/>) of your edu-ID account:

Connexion à: Shibboleth test SP for CG

**Description du service:**

Shibboleth test SP for CG

SWITCH edu-ID

i Ce service exige l'authentification en deux étapes.

Avant de continuer, vous devez d'abord activer l'authentification en deux étapes.

1. Allez à [Mon edu-ID - Authentification en deux étapes](#).
2. Activez l'authentification en deux étapes.
3. Retournez au service et connectez-vous à nouveau.

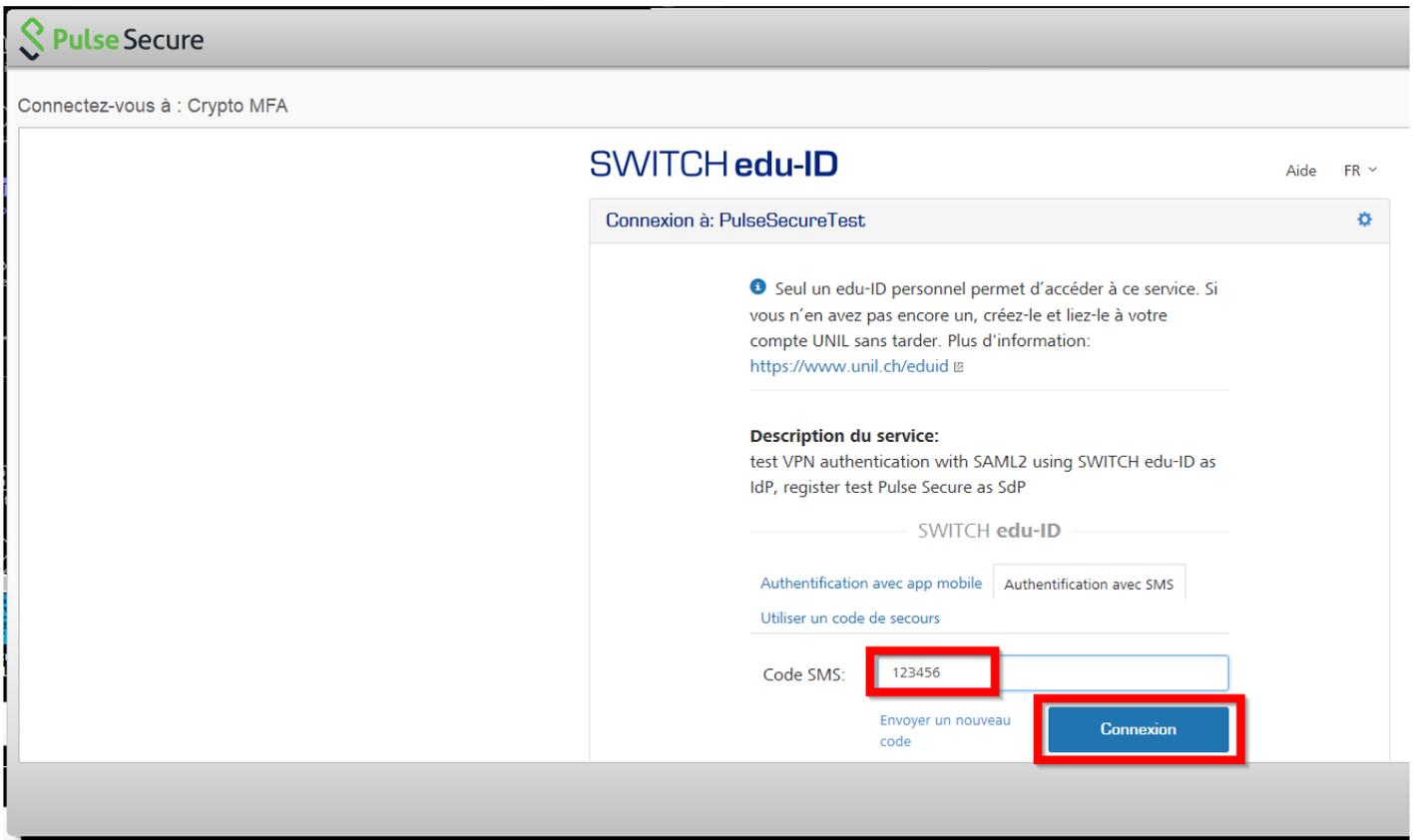
SWITCH

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If your second factor is configured, you will be asked to enter it. If you chose the authenticator app, open the app and copy the displayed code:



If you chose SMS code, check your mobile phone and enter the received code:



The process will then end and you will be connected to the VPN!

When logging into the VPN using edu-ID, the authentication process uses an embedded browser, to be sure the browser is not insecure or compromised. This means that you won't be able to save your edu-ID password. We recommend using a password management tool and copy/pasting your email address and edu-ID password.

Questions

You will find the answers to multiple questions concerning multi-factor authentication on the official SWITCH edu-ID website: <https://help.switch.ch/eduid/faqs/?lang=en#mfa>

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