

Configuring and using the VPN of UPC with 2FA (MyUPCLink) Windows/Android

Authorize the use of 2FA

- First time you want to use MYUPCLink, go to:

<https://sso-2fa.upc.edu/>

and give your consent



Step 1 – Installing authentication app

If you don't want to use your mobile device to authenticate with 2FA, you can use a Win System to do so.

Windows

- Install the *2fast – Two Factor Authenticator Supporting TOTP* app:
<https://apps.microsoft.com/store/detail/2fast-%E2%80%93-two-factor-authenticator-supporting-totp/9P9D81GLH89Q?hl=es-es&gl=ES>
- Create a new database file. This database is protected with a password that you have to memorize. **Every time you run the app, you have to enter the password.**
- Add an account within the app and select the *“Scan Key-QR-code”* method.
- Open a web browser and go to:
<https://sso-2fa.upc.edu/>
Validate your UPC identity if were necessary.
- Click on *“Activate double factor authentication”*
- Click on *“Step 2 – In-app settings”* The QR Code is showed
- Run the 2fast app that you have installed previously:
In the Windows search box write *2fast*
- Introduce your password
- Click *“Add account”* and *“Scan key-QR-code”*
- A scan tool will appear. Select the QR code showed in the web browser.
- Create account

Android

- Install the *2FAS Authenticator* app from:
<https://2fas.com/>
- Open a web browser and go to:
<https://sso-2fa.upc.edu/>
Validate your UPC identity if necessary.
- Click on “Activate double factor authentication”
- Click on “Step 2 – In-app settings” The QR Code is showed
- Run *2FAS Authenticator app*
- Click on “+” symbol and click on “Scan QR Code”
- Point over QR code showed in the web browser

Step 2 – Install MyUPCLink client

Windows

- Download and install *FortinetClient VPN only* from:
<https://www.fortinet.com/support/product-downloads#vpn>
- Create a new connection and introduce next data:
 - Connection name: *VPN UPCLink*
 - Remote gateway: *myupclink.upc.edu*
 - In Customize port: *443*
 - Tic *Enable Single Sign On (SSO) for VPN Tunnel* option

Android

- Download and install *FortiClient VPN* from Google Play Store:
<https://play.google.com/store/search?q=FortiClient%20VPN&c=apps&gl=ES>
- Create a new VPN connection and introduce next data:
 - Tunnel name: *VPN myUPCLINK*
 - Port: *443*
 - Servers: *myupclink.upc.edu*
 - Single Sign On: *enabled*
- In next screen, select: *SSL VPN* as VPN type

You can get more information at:

<https://serveistic.upc.edu/ca/upclink/documentacio>

The most common processes in our environment with MyUPCLink are:

Establishing a VPN connection

- Run your **FortiClient** (Windows) or **FortiClient VPN** (Android)
- Click on **SAML Login** button
- Introduce your regular **username** and **password** of the UPC environment.
- In the next screen, system asks you for a **verification code**. Run your authentication app (Windows or android) to obtain the code.

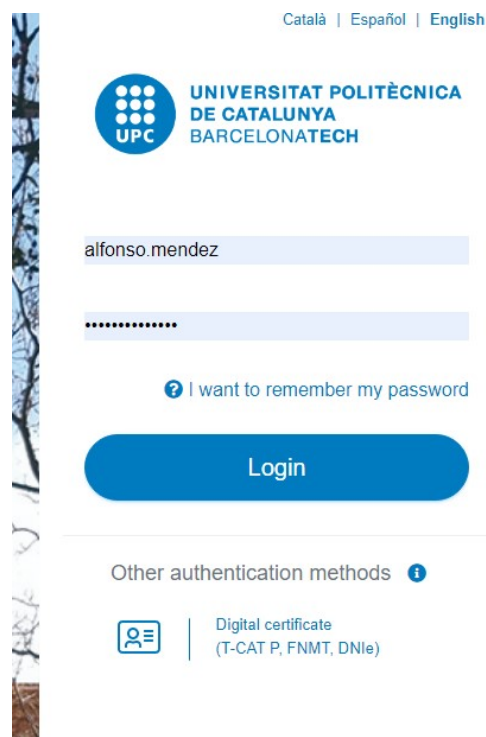
Connecting by remote desktop to a windows computer

- Establish a VPN connection.
- Run **Remote desktop**: **Start – Programs – Windows accessories – Remote desktop connection**
- In the logon screen, enter with your remote computer account.
The syntax of the remote account is:

ieb-eel\your_username_in_ieb-eel_domain

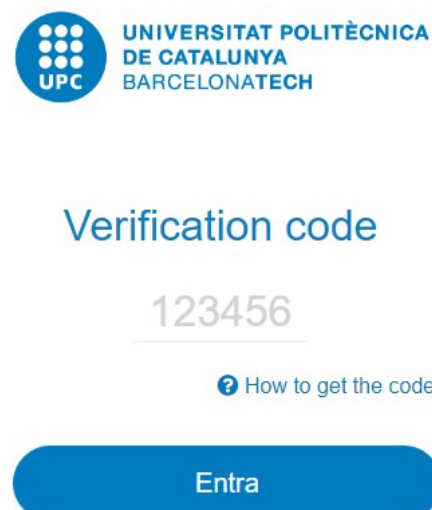
Accessing to an UPC service that requires 2FA

- o Log in to the UPC environment with your regular UPC user account



The screenshot shows the login interface for the Universitat Politècnica de Catalunya (UPC). At the top right, there are language options: 'Català | Español | English'. The UPC logo and name 'UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH' are displayed. Below this, there is a text input field containing 'alfonso.mendez', a password field with masked characters, and a checkbox labeled '? I want to remember my password'. A large blue 'Login' button is positioned below the password field. Underneath the login button, there is a section for 'Other authentication methods' with an information icon. It includes a 'Digital certificate (T-CAT P, FNMT, DNle)' option with a corresponding icon.

- o When you access the service, the system asks you for a verification code.
Run the authentication app, introduce your password if necessary, and the verification code will be generated.



The screenshot shows the verification code screen. It features the UPC logo and name 'UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH' at the top. The title 'Verification code' is prominently displayed. Below the title, there is a large input field containing the code '123456'. At the bottom right, there is a link that says '? How to get the code'. A large blue 'Entra' button is located at the very bottom of the screen.