



**Politecnico
di Torino**

Direzione Infrastrutture
Servizi Informatici e
Amministrazione Digitale

Ufficio Reti e Data Center

Subject: Instructions for VPN client configuration for Windows platform

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1. PREMISE

This document contains instructions for accessing network resources and hosts on the local network of Politecnico di Torino via VPN (Virtual Private Network) service.

VPN access allows institutional users of Politecnico di Torino to establish a secure connection from anywhere in the world (Internet) to the internal network of the University. This enables access to internal IT and telecommunications resources as if the user were connected directly inside the University. All traffic towards the Politecnico network is protected, while traffic directed towards the Internet is not. This ensures maximum security for the user's data sent to and received by the Politecnico's IT resources, while simultaneously leveraging the local connection to the Internet. Furthermore, VPN access allows establishing protected connections from the Politecnico's wireless network, enabling access to network shares, printers, and other IT resources that would otherwise be unreachable.

Note – Access via SSL VPN allows creating a tunnel using the standard port 443, which is the same one used for HTTPs or "Secure Web" browsing.

2. VPN CLIENT SOFTWARE INSTALLATION

It is possible to download the latest client versions directly from the Fortigate® website.

<http://www.forticlient.com>

Please note that, from the download pages of the mentioned site, there are multiple free downloadable products, the one that must be installed is the one in the "**FortiClient VPN-only**" section present at the bottom of the page, as indicated in the image in the following figure:

FortiClient VPN

La versione solo VPN di FortiClient offre VPN SSL e VPN IPSec, ma non include alcun supporto. Scarica il miglior software VPN per più dispositivi.

Accesso remoto

- ✓ VPN SSL con MFA
- ✓ VPN IPSec con MFA



SCARICA
VPN per Windows



SCARICA
VPN per MacOS



SCARICA
VPN per Linux .rpm



SCARICA
VPN per iOS



SCARICA
VPN per Android



SCARICA
VPN per Linux .deb

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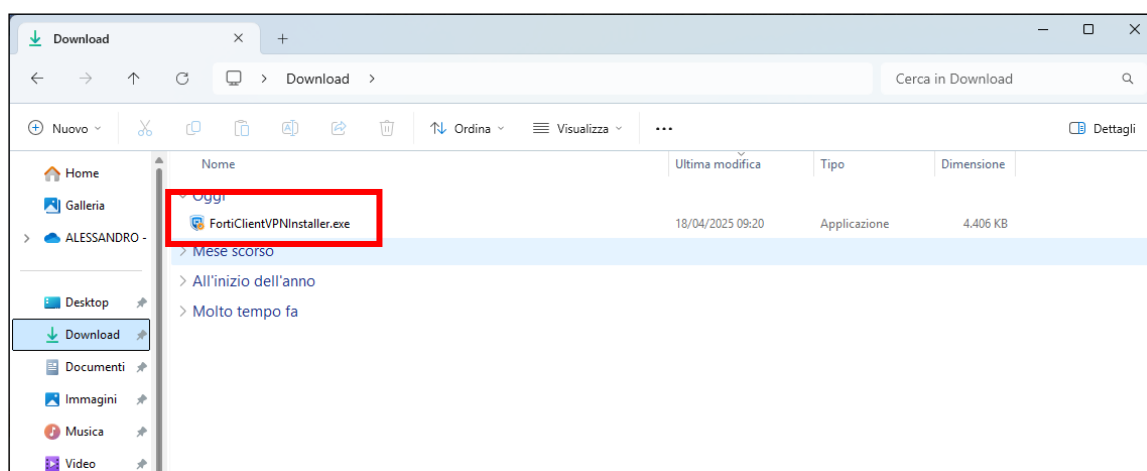
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NOTE: It is always recommended to keep the FortiClient connection program updated by regularly downloading the latest available version from the website.

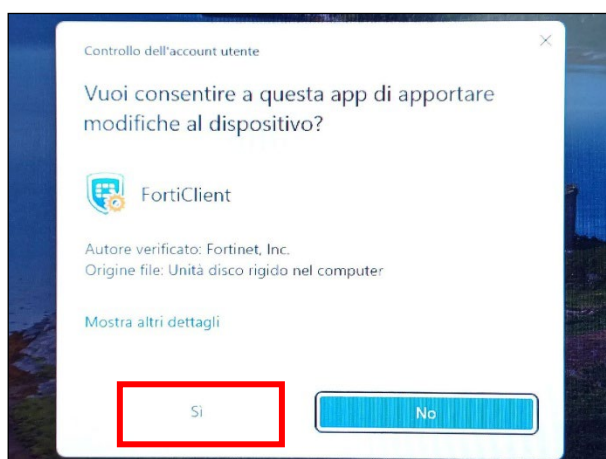
NOTE: It is always recommended to uninstall the old version of the FortiClient before installing the new one to prevent instability of the Microsoft Windows operating system.

Below is an example of the installation of the FortiClient software on a Windows 11 platform.

1. Launch the executable file "FortiClientVPNInstaller.exe"



2. In case User Account Control (UAC) is active, click "YES" to proceed with the installation.



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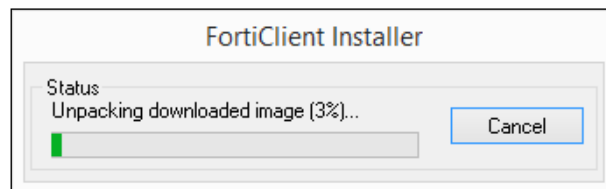
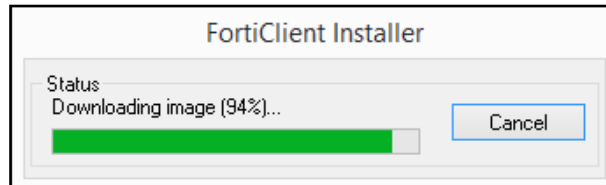


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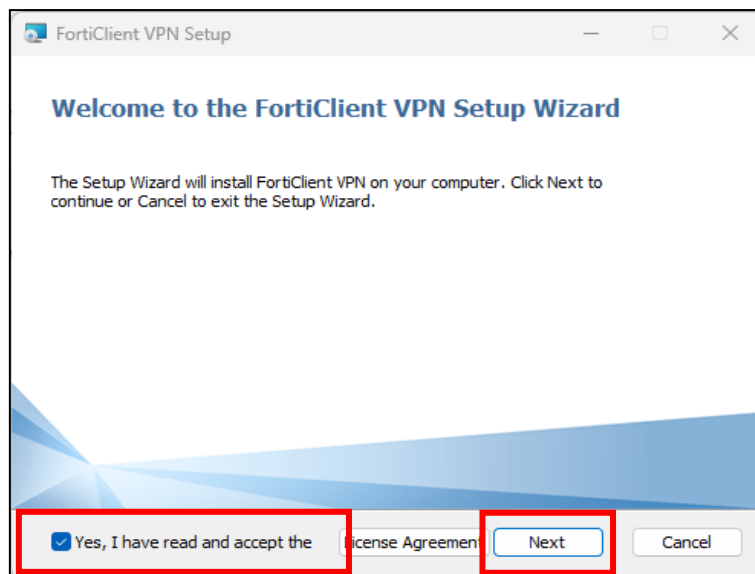
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3. Wait for the installer to complete the downloading and unpacking of files.



4. Accept the License Agreement and click "Next" to continue.



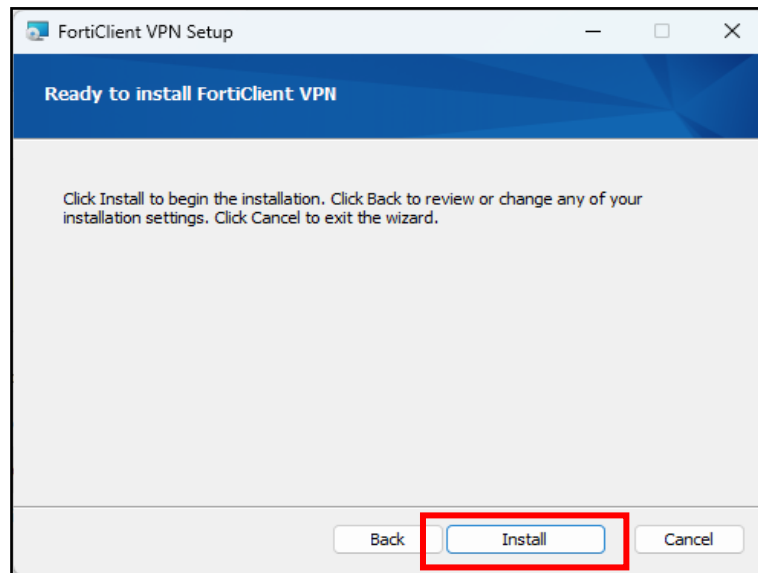


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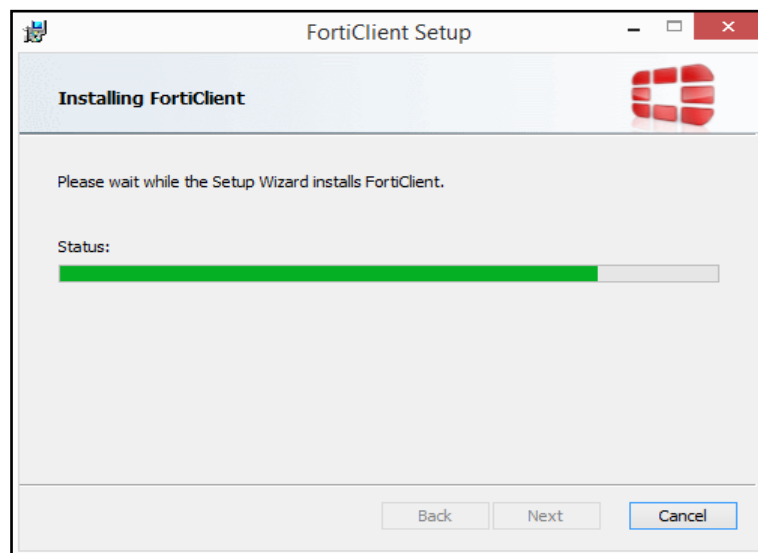
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5. Click "Install" to proceed with the installation.



6. Wait for the installation to complete.



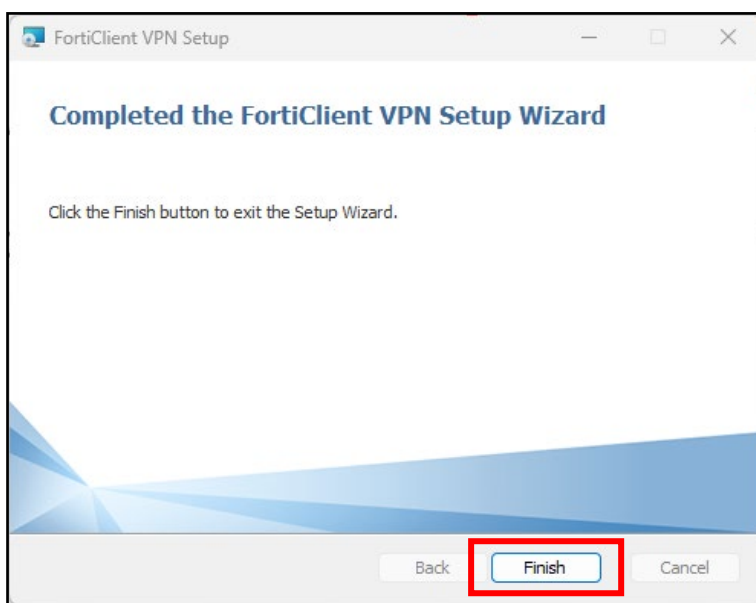


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7. If the installation was completed successfully, a screen like the one shown below will appear. To continue, click "Finish".



3. FIRST START AND CONFIGURATION OF THE SSL VPN CLIENT

1. Start the client by clicking, for example, on the icon present on the desktop



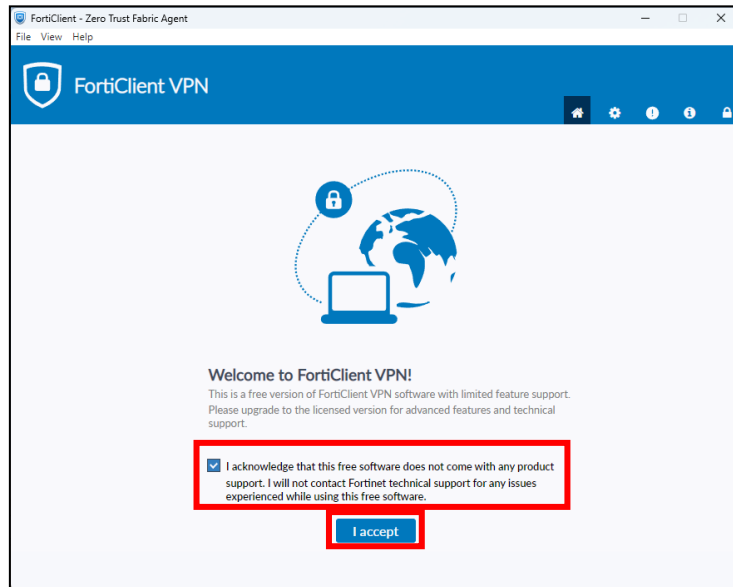


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2. Upon first start, the VPN client presents the following screen. Check the box for usage acceptance and click "I accept"



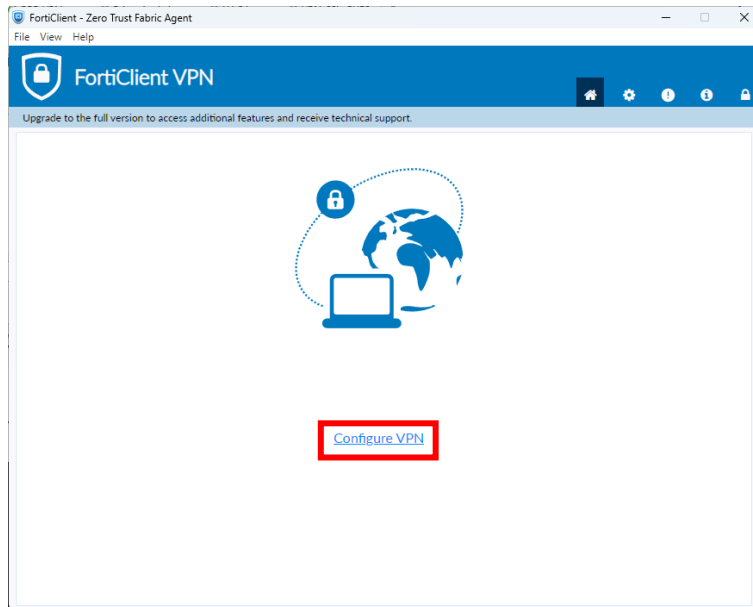
3. Then click "Configure VPN"



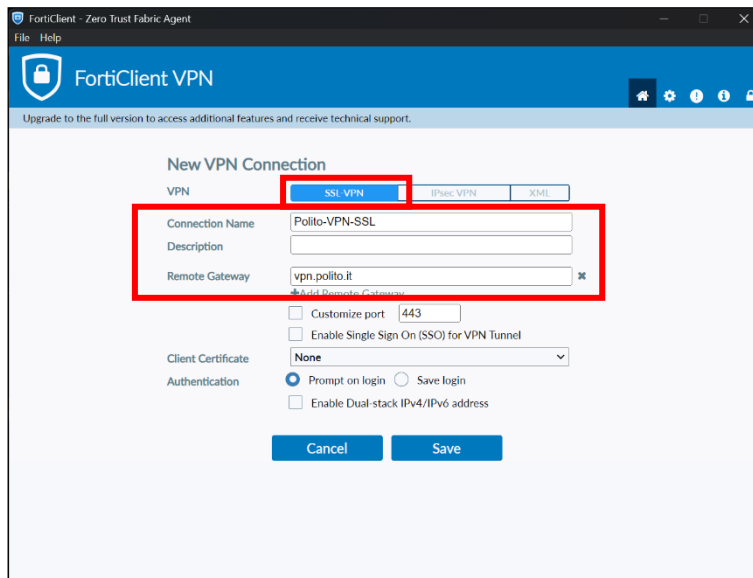
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4. Verify that the “SSL-VPN” section is selected and fill in the fields as indicated below



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5. *The settings to be entered in the appropriate fields are listed below.*

- **Connection Name:** *POLITO VPN SSL*
- **Description:** *VPN connection with Polito*
- **Remote Gateway:** *vpn.polito.it*
- Add the checkmark in the checkbox corresponding to "Enable Single Sign On (SSO) for VPN Tunnel"
- The screen will change slightly; the entries "Client Certificate" and "Authentication" will disappear, and a new checkbox "Use external browser as user-agent for saml user authentication" will appear and should be checked (see the figure below)

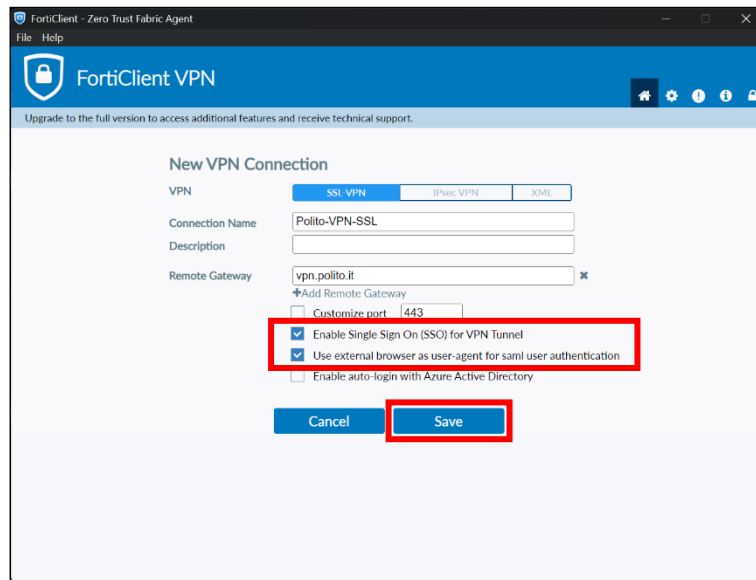


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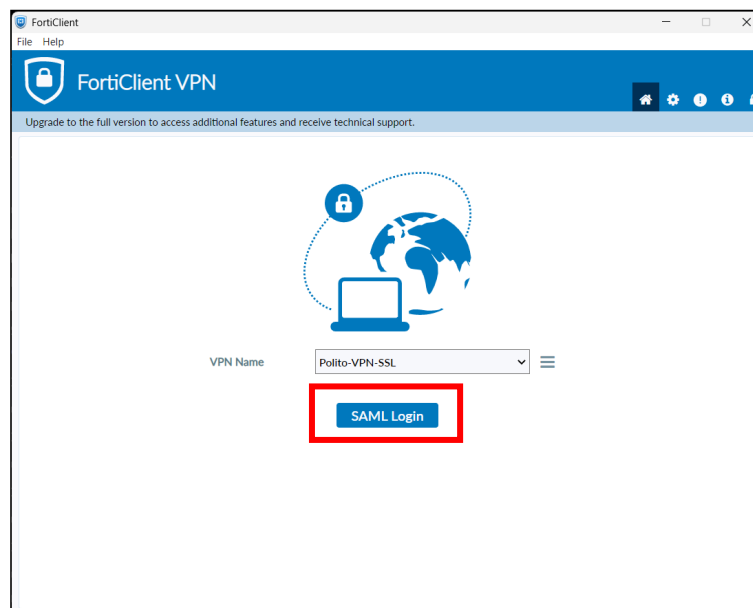
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6. Save the new configuration.



4. VPN TUNNEL ACTIVATION

1. After configuring the connection, the client will present the following screen. To connect, it is necessary to click on "SAML Login" or "Connect".



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2. By pressing this button, a new page will open in your device's default browser, and the `idp.polito.it` authentication page that we already use to access MyPoli will be presented. On this page, we will log in with unified credentials.

Servizio di autenticazione

idp.polit...

Default folder Bookmarks

ITA | ENG

Politecnico di Torino

@Poli CIE SPID eIDAS

Inserire email o username forniti dal Politecnico di Torino con la password associata per continuare.

Nome utente

Password

☐ Non ricordare l'accesso (?)

Accedi

oppure

Accedi con Passkey

oppure

Accedi con certificato

[Password dimenticata?](#)

Note: If an active session already exists on `idp.polito.it` in our browser, authentication will occur without requiring credentials, as already happens for accessing institutional websites with unified authentication.

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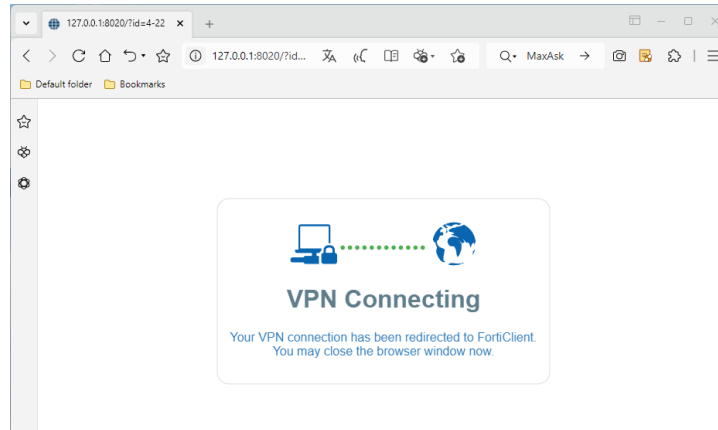


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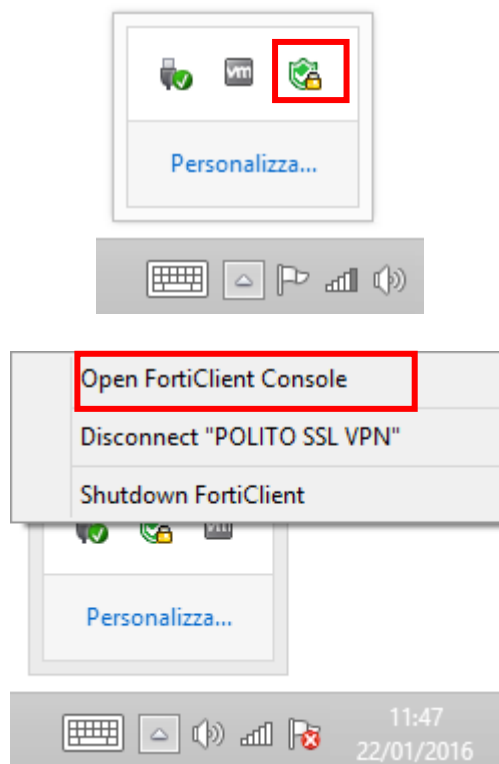
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3. After logging in on the browser, the following message will appear



4. Authentication was successful, the browser page can be closed
5. It is always possible to check the client status via the System Tray. Right-click on the specific icon and then select "Open FortiClient Console"

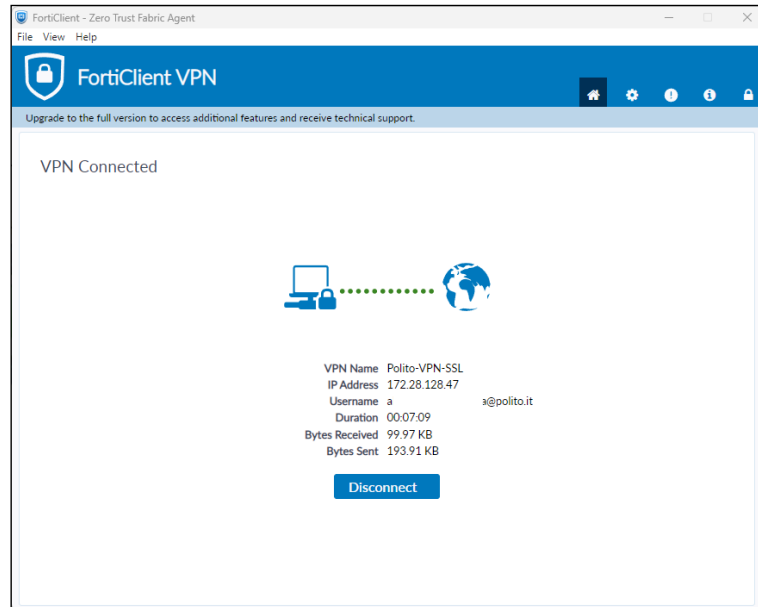




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6. Information related to the duration of the VPN session and bytes transmitted and received are displayed.

5. CREDENTIALS AND SERVICE USAGE ENABLEMENT

The credentials that has to be used for VPN access are the same ones used by the user for access to all the services managed by ISIAD. These include the Mypoli Portal, WiFi connections (polito and eduroam), institutional email, the Didactics Portal, Windows workstations belonging to the polito.it domain, etc.

For any issues in the configuration of the FortiClient on your device, please contact the ISIAD Service Desk at +39-011-090.5050 or via email: 5050@polito.it

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