

Tutorial 0 — Server203 Guides

Remote Access

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Abstract

This document outlines the process for establishing a secure connection and accessing resources on the DOElab server. It details the steps for configuring a Virtual Private Network (VPN) client, changing default passwords, initiating remote desktop sessions, and transferring files using a File Transfer Protocol (FTP) client.

For any issues encountered during the process, please contact the IT maintainer at: cxhai.sdh221@hcmut.edu.vn with the subject line “[SERVER TUT0]”

1 Prerequisites

- Login credentials. For instance:

```

1 Username      : ca000
2 Password     : *****
3
4 Login address : blue.doelab.site

```

- VPN configuration file

2 Establishing a VPN Connection

2.1 Installing WireGuard

Download and install the WireGuard client using this link: <https://www.wireguard.com/install/>

2.2 Configuring and Activating the VPN

1. Open the WireGuard application.
2. Import the provided VPN configuration file.
3. Activate the VPN connection.

2.3 Verifying Connection (Windows)

1. Open a PowerShell window.
2. Use the “ping” command to verify connectivity to the server:

```

1 ping blue.doelab.site

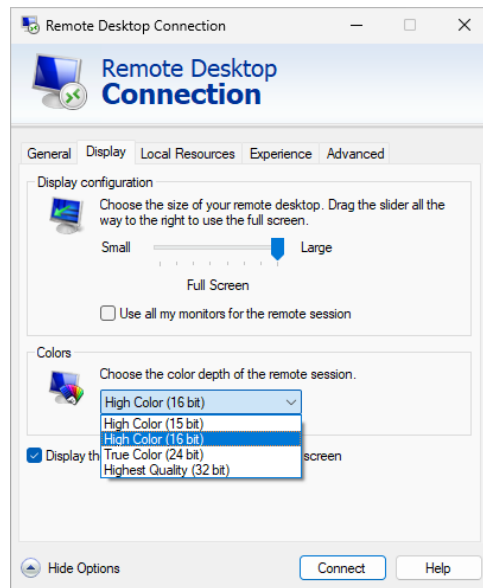
```

2.4 Alternative Instructions (MacOS & Linux)

Please refer to the TA for specific instructions on configuring the VPN client for your operating system.

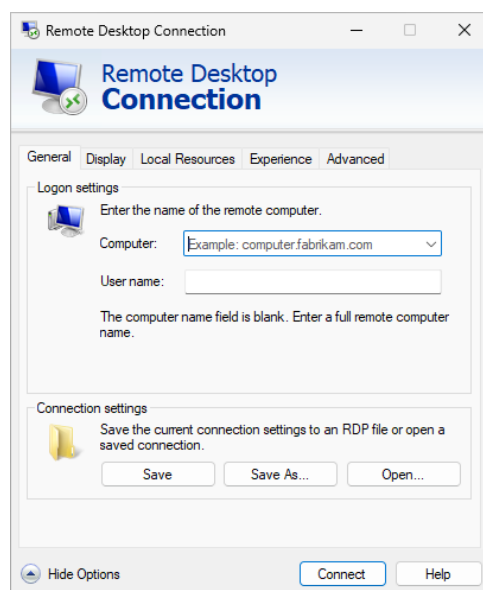
3 Remote Desktop Access

1. Open the Remote Desktop application.
2. To have the color rendered properly, switch to Display tab and in the Colors section choose “High Color (16 bit)”.



3. Back to the General tab:

- (a) Enter the login address in “Computer” field
- (b) Enter your username in “User name” field
- (c) You may save the connection now



4. Provide your username and newly created password to access the remote desktop session.

4 File Transfer with FileZilla

4.1 Installation

Download and install the appropriate FileZilla version for your operating system using this link: <https://filezilla-project.org/download.php>

4.2 Connecting to the server

1. Open FileZilla.
2. In the “Host” field, enter your login server address.
3. Enter your username and password in the respective fields.
4. Set the “Port” to 22.
5. Click “Quickconnect” to establish the connection.