

USING PUTTY TO SSH INTO A SERVER FROM A WINDOWS MACHINE

TOOL: WINDOWS

To use **PuTTY** to SSH into a server from a Windows machine, follow these steps:

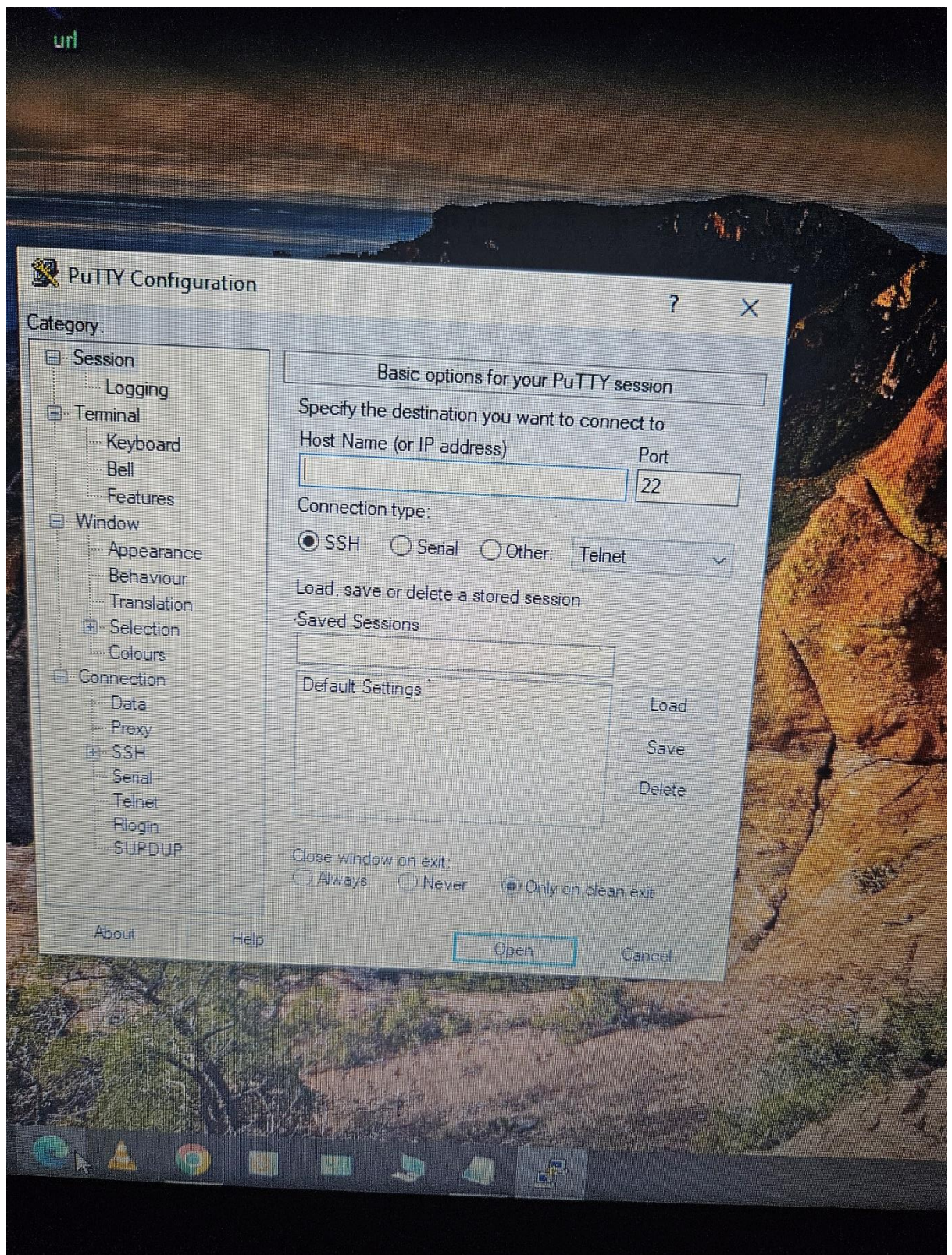
Step 1: Download and Install PuTTY

1. Go to the [official PuTTY website](#).
2. Download the installer for Windows (e.g., **putty-<version>-installer.msi**).
3. Run the installer and follow the installation steps.

Step 2: Obtain the SSH Details for the Server

Before connecting, make sure you have the following information:

- **Server IP address** or hostname.
- **SSH port** (default is 22, but it might differ if the server is configured differently).
- **Username**.
- **Password** or an **SSH private key** (if key-based authentication is configured)



Step 3: Launch PuTTY

1. Open **PuTTY** by searching for "PuTTY" in the Start menu.

2. When PuTTY opens, you'll see the configuration screen.

Step 4: Configure the SSH Connection in PuTTY

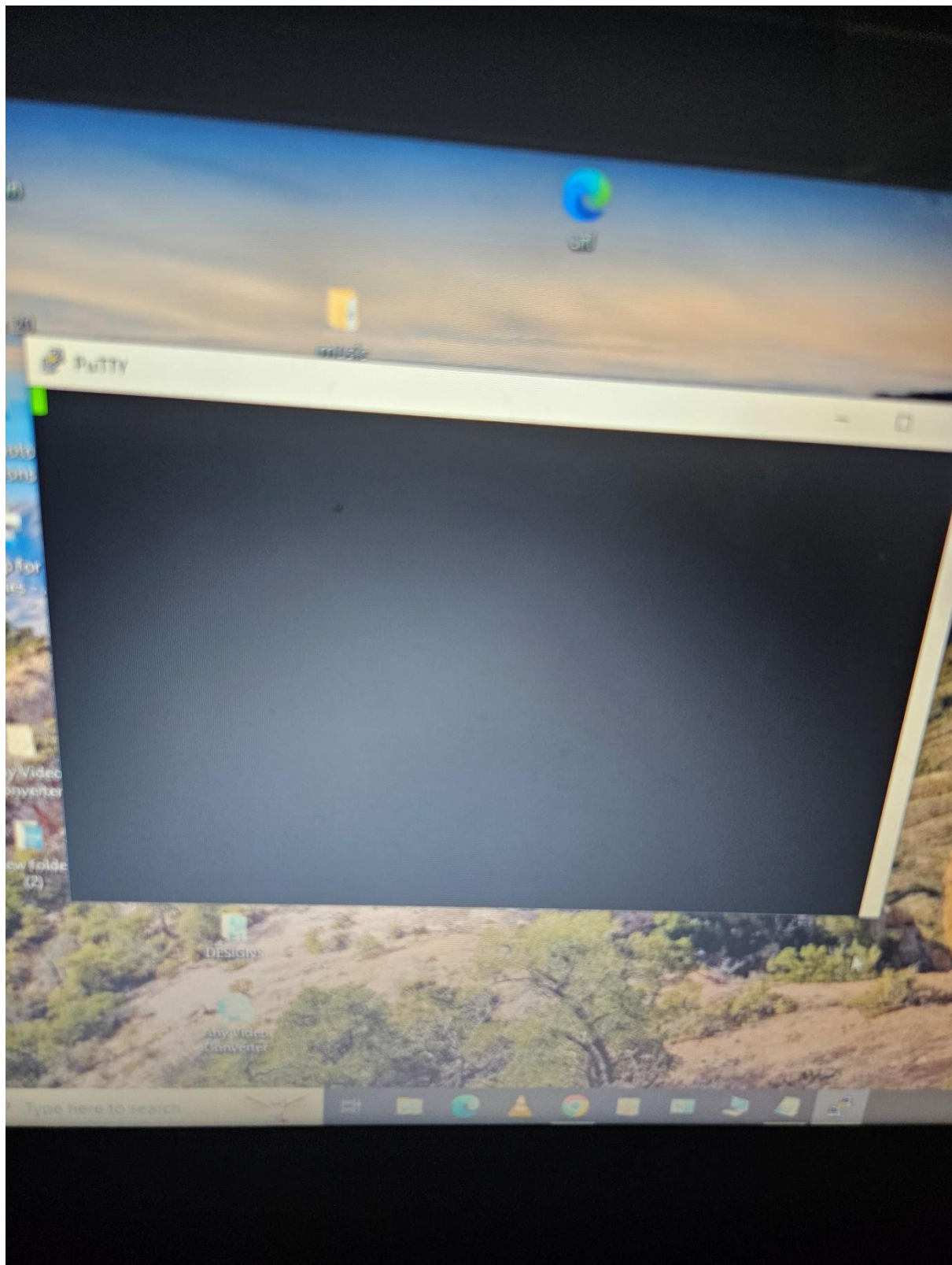
1. **Host Name (or IP address):** In the "Host Name (or IP address)" field, enter the **IP address** or **hostname** of the server you want to connect to.
2. **Port:** The default SSH port is **22**, but if your server is using a different port, enter that port number here.
3. **Connection Type:** Ensure the connection type is set to **SSH**.

Example:

- **Host Name (or IP address):** 192.168.1.10
 - **Port:** 22 (or whatever port your server uses)
 - **Connection Type:** SSH
4. **Session Name (optional):** You can enter a name for this session in the "Saved Sessions" field and click **Save**. This way, you can easily load these settings in the future without re-entering them.

Step 5: Connect to the Server

1. Once everything is configured, click the **Open** button to initiate the connection.



Step 6: Log in

- If this is your first time connecting to the server, you might see a security alert asking if you trust the server. If the server's fingerprint matches what you expect, click **Yes** to proceed.

- You'll then be prompted to **log in**:
 - If using a password, enter the **username** and then the **password** when prompted.
 - If using an SSH key, you should be authenticated automatically (depending on your key setup).

Step 7: Start Using the Server

Once logged in, you'll have an interactive terminal session on your server, and you can begin running command.