Step-By-Step guide on how to RDP
## *Ubuntu to Windows 11*

To remotely access a Windows 11 device from Ubuntu using RDP (Remote Desktop Protocol), follow these steps to ensure both systems are properly configured. This setup allows you to control your Windows machine from Ubuntu as if you were sitting in front of it.

On the Windows 11 Device
1. Enable RDP on Windows 11

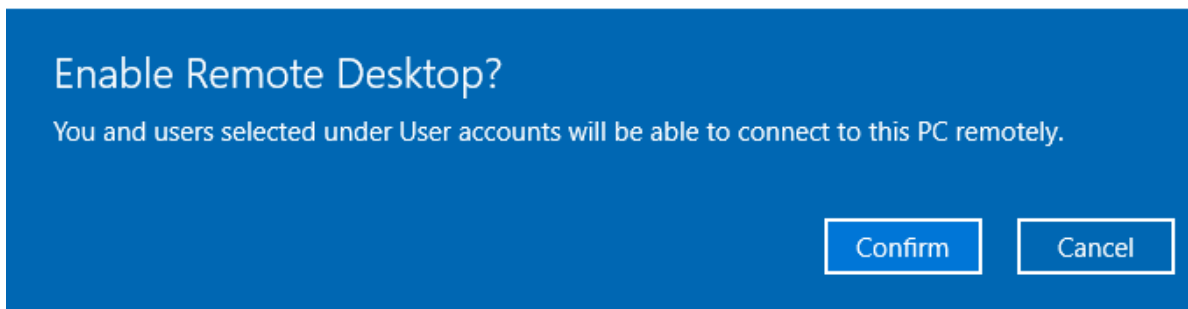Make sure your Windows 11 system allows remote connections:
- Go to **Settings > System > Remote Desktop**
- Toggle **Enable Remote Desktop** to **On**
- Confirm and allow access through the firewall
- Note the PC Name under "**How to connect to this PC**".
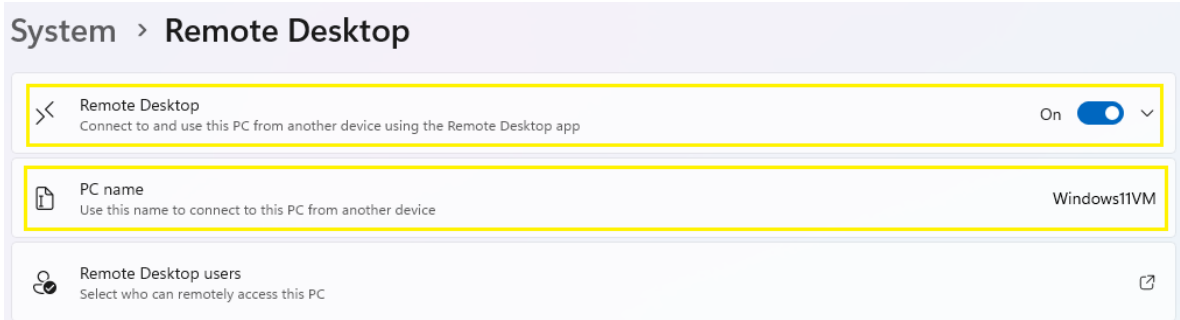
Turn on Remote Desktop and note PC name
When **Enabling Remote Desktop**, you will be prompted to **Confirm**.

Confirm Enabling Remote Desktop
When selecting **Remote Desktop Users**, you can **Add** or **Remove** access to this computer. Within a local Windows Active Directory, you can add administrators group. In case that the device is in a peer-to-peer network, it will be neccessary to create an administrator account via **Control Panel --> User Accounts --> User Accounts**.
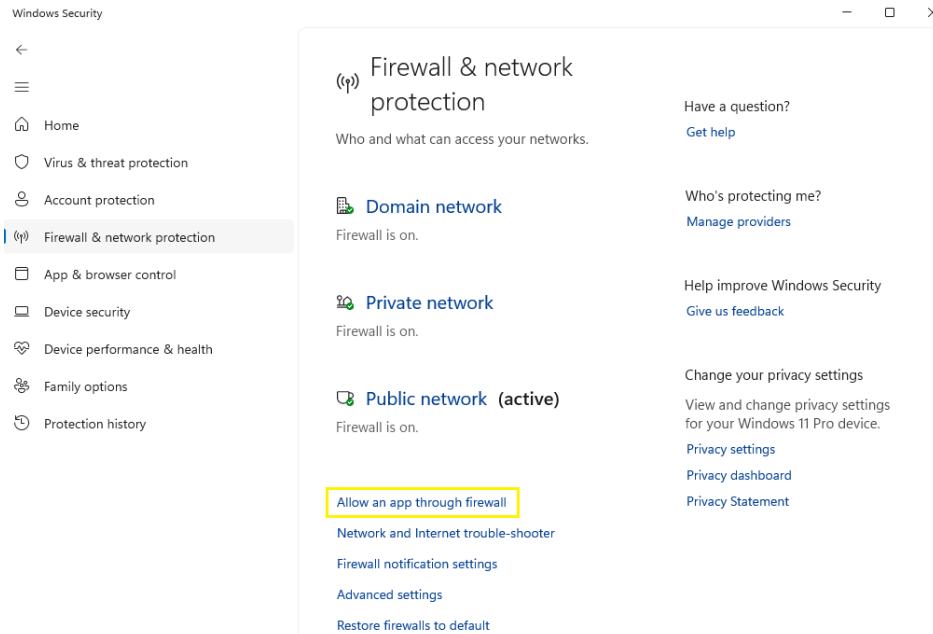
For advanced users, you can also enable RDP via Command Prompt:
reg add "HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Terminal Server" /v fDenyTSConnections /t REG_DWORD /d 0 /f
netsh advfirewall firewall set rule group="remote desktop" new enable=Yes

2. Allow through Firewall

- Open **Windows Security** → **Firewall & network protection** → **Allow an app through firewall**.

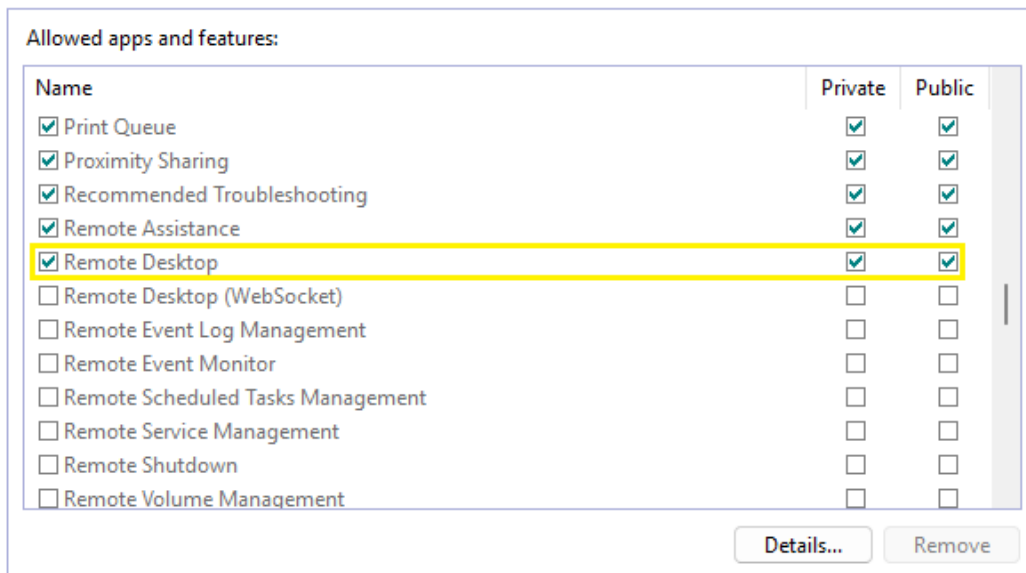Windows Security -> Firewall & network protection -> Allow an app through firewall

- Ensure **Remote Desktop** is checked for **Private** (and Public if needed). This process is usually automatic when enabling Remote Desktop.

3. Check User Access:
- In the Remote Desktop settings, click on **"Select users that can remotely access this PC"**.
- Ensure your **Windows user account** is listed. Here a **Global Admin** account was created within a peer-to-peer network.
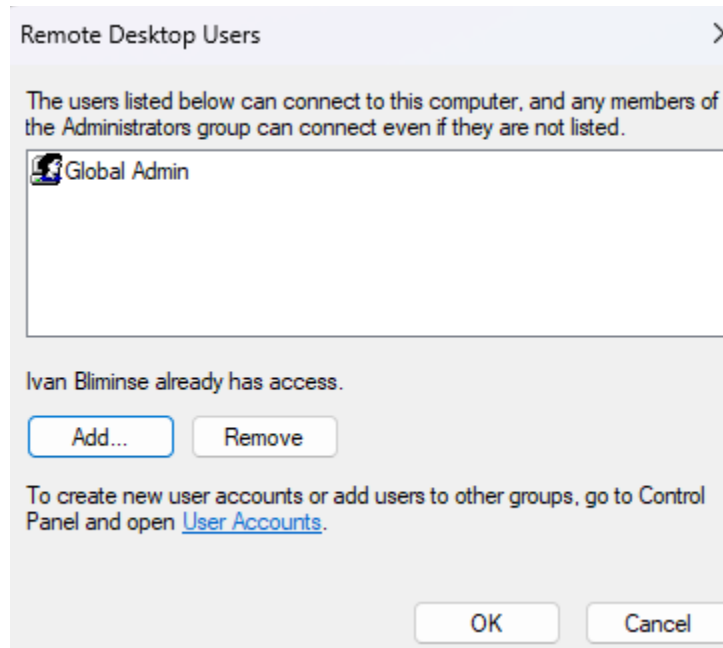
4. Know Your IP Address
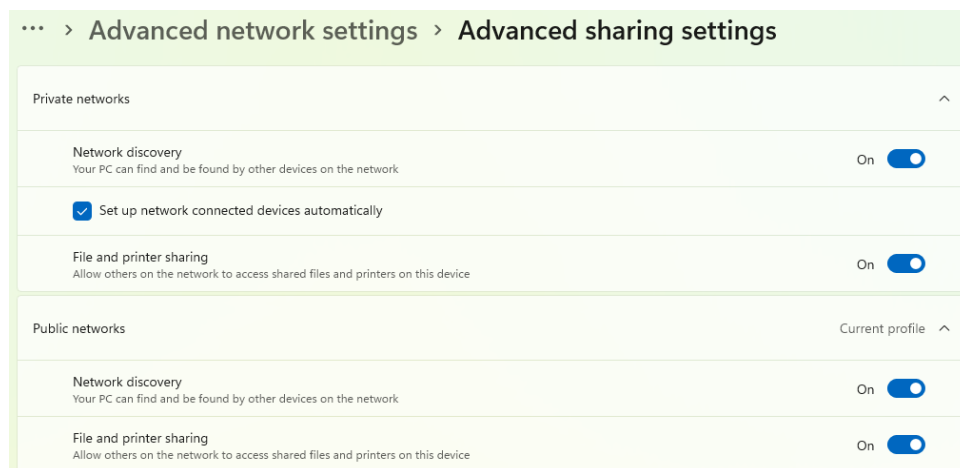- This step is optional if you're using hostname
- Open Command Prompt and type:

ipconfig

5. Network Discovery and File & Printer Sharing
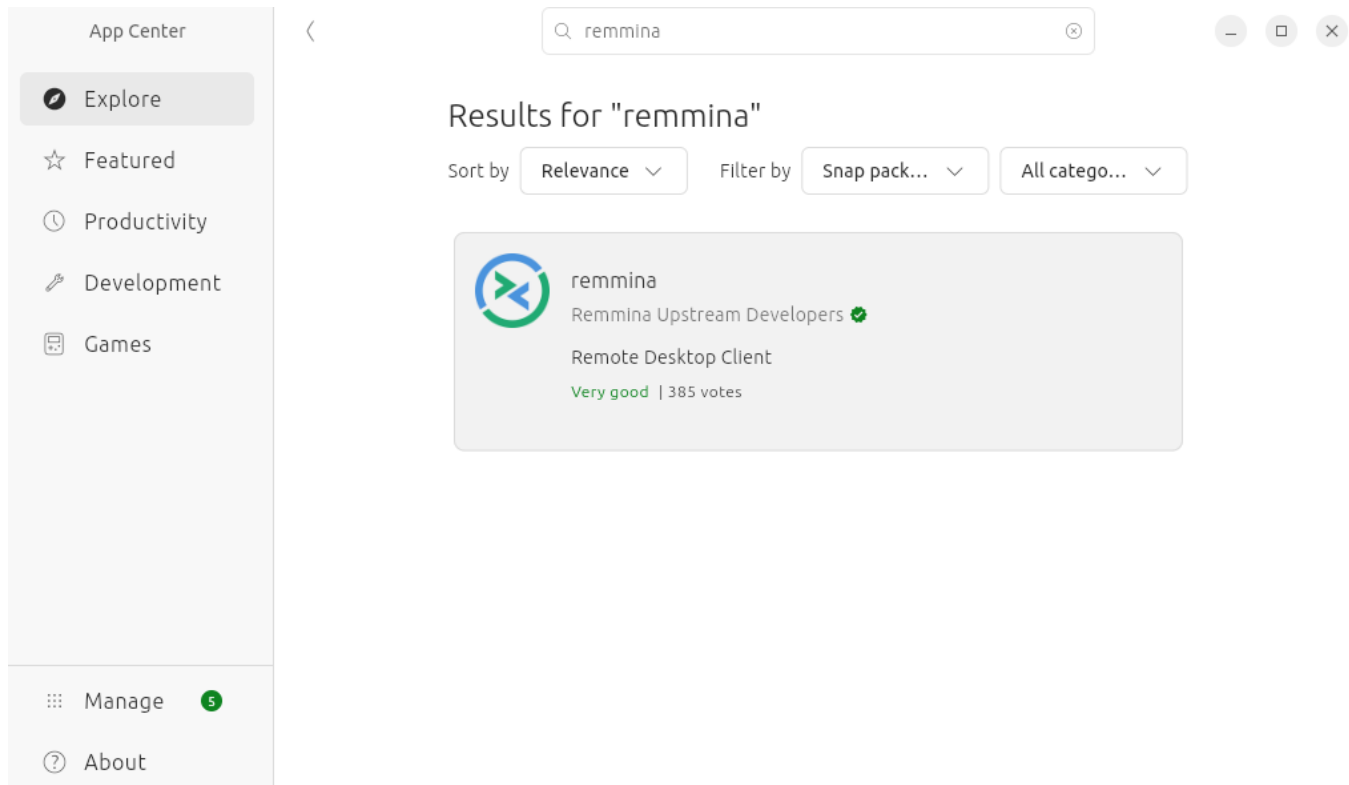Here, you can turn on **Network Discovery** and **File and Printer Sharing**.

Advanced Sharing Settings

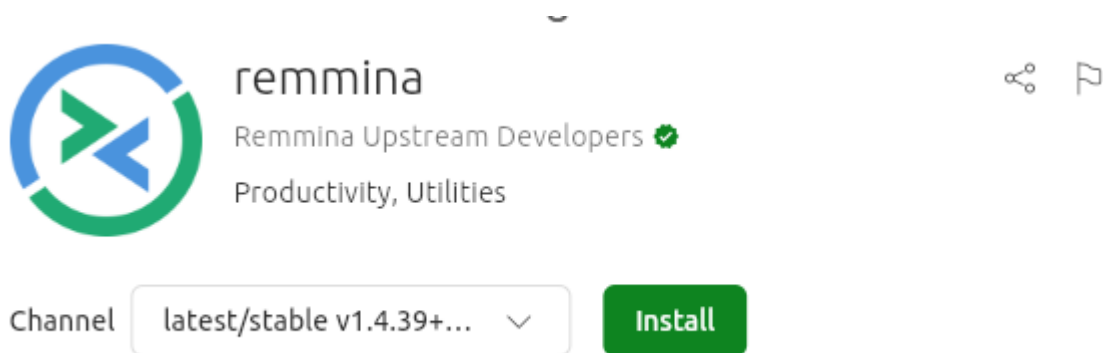# Step-By-Step guide on how to RDP
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Install Remmina on Ubuntu
Remmina is a popular RDP client for Linux and can be easily installed via the **App Center**.
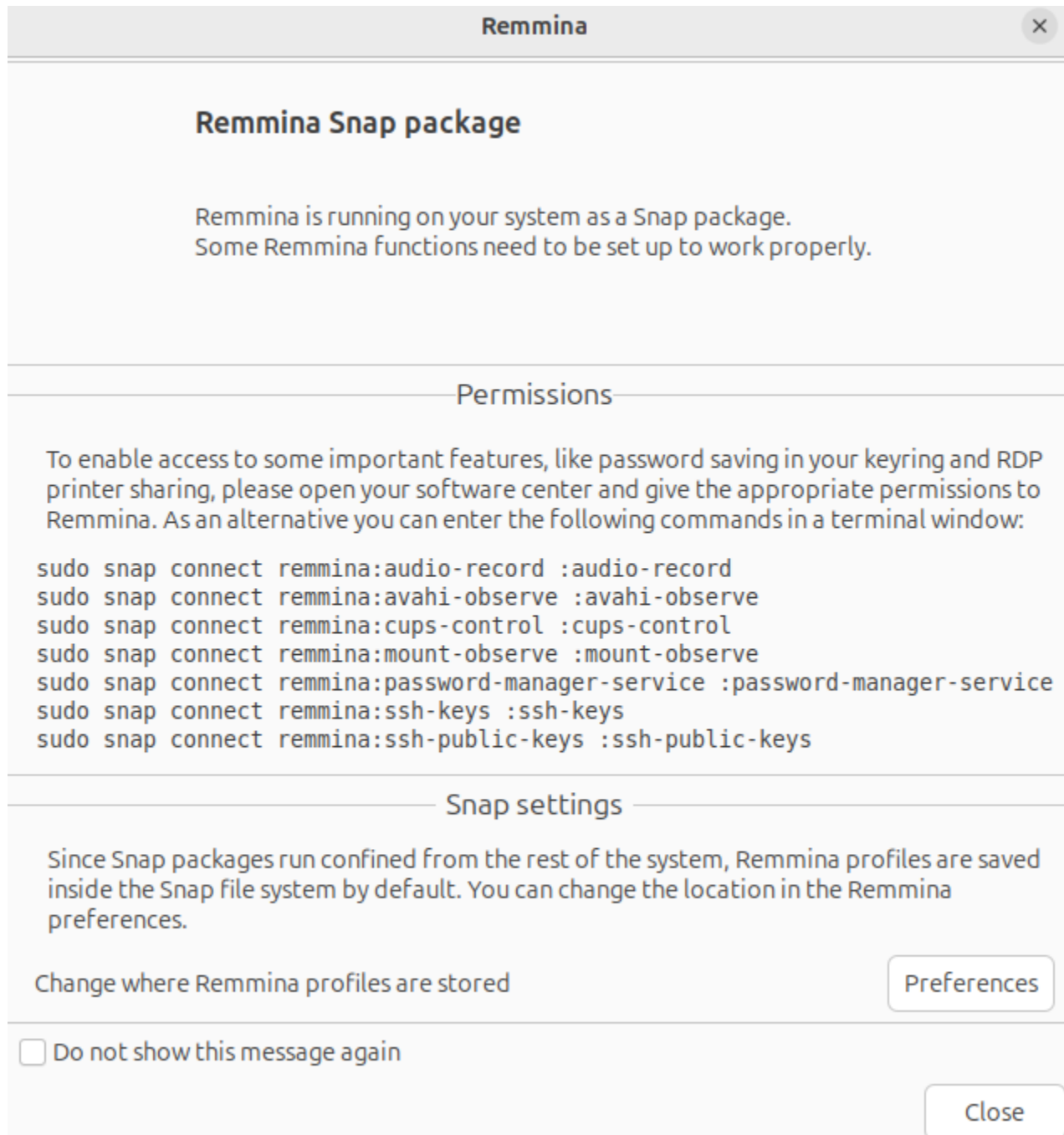

Find Remmina in the App Store
Proceed to **Install**.

TECH TIPS

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Install Remmina
The Remmina Snap Package provide this startup page.

Remmina   ✕

Remmina Snap package

Remmina is running on your system as a Snap package.
Some Remmina functions need to be set up to work properly.

---Permissions---

To enable access to some important features, like password saving in your keyring and RDP printer sharing, please open your software center and give the appropriate permissions to Remmina. As an alternative you can enter the following commands in a terminal window:

```
sudo snap connect remmina:audio-record :audio-record
sudo snap connect remmina:avahi-observe :avahi-observe
sudo snap connect remmina:cups-control :cups-control
sudo snap connect remmina:mount-observe :mount-observe
sudo snap connect remmina:password-manager-service :password-manager-service
sudo snap connect remmina:ssh-keys :ssh-keys
sudo snap connect remmina:ssh-public-keys :ssh-public-keys
```

---Snap settings---

Since Snap packages run confined from the rest of the system, Remmina profiles are saved inside the Snap file system by default. You can change the location in the Remmina preferences.

Change where Remmina profiles are stored   [Preferences]

☐ Do not show this message again

                                                                      [Close]

Remmina Startup Page

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As indicated in the startup screenshot above, consider enabling a few important features. Here are the command lines in Terminal for ease of use.

sudo snap connect remmina:audio-record :audio-record
sudo snap connect remmina:avahi-observe :avahi-observe
sudo snap connect remmina:cups-control :cups-control
sudo snap connect remmina:mount-observe :mount-observe
sudo snap connect remmina:password-manager-service :password-manager-service
sudo snap connect remmina:ssh-keys :ssh-keys
sudo snap connect remmina:ssh-public-keys :ssh-public-keys

For the command line, use below to install Remmina. (Ubuntu offers a step-by-step guide --> **Access a remote desktop | Ubuntu**)

sudo apt update
sudo apt install remmina remmina-plugin-rdp

Accessing a Windows 11 PC using Remmina
To remotely access a Windows 11 device from Ubuntu using RDP (Remote Desktop Protocol), follow these steps to ensure both systems are properly configured. This setup allows you to control your Windows machine from Ubuntu as if you were sitting in front of it.
Open **Remmina**

- Choose **RDP** as the protocol
- Enter the **IP address** or **hostname** of your Windows 11 device
- Provide your Windows **username and password**
- (Optional) Add Domain if applicable
- Click **Save & Connect**

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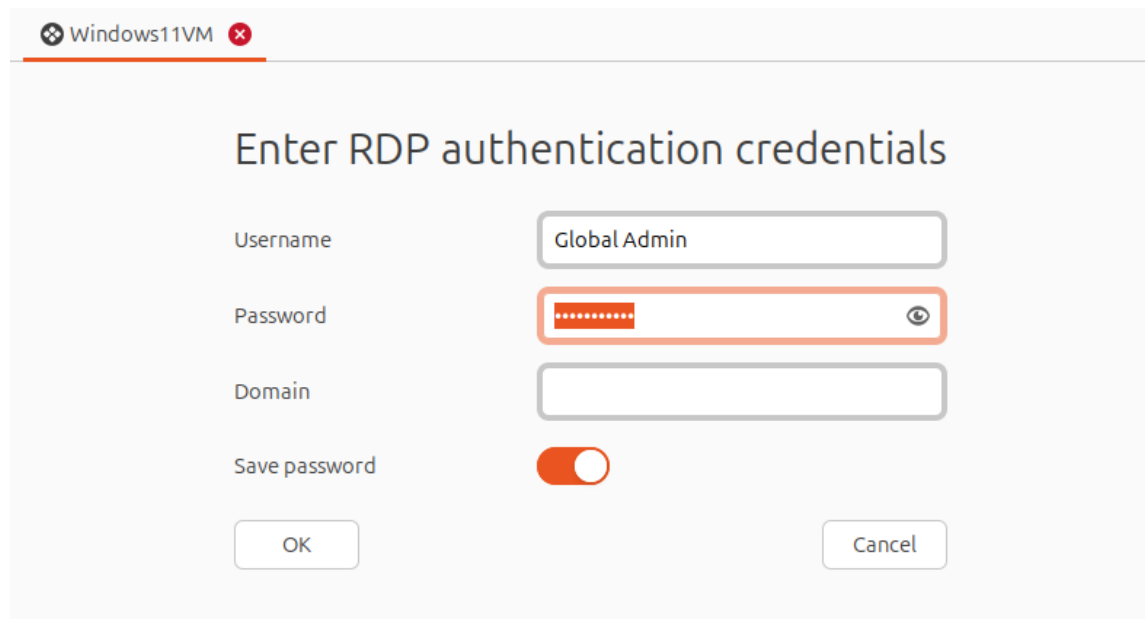

Remote Connection Profile

Click **Yes** on Accept Certificate.

Certificate Details

Click on **OK** to continue.

TECH TIPS

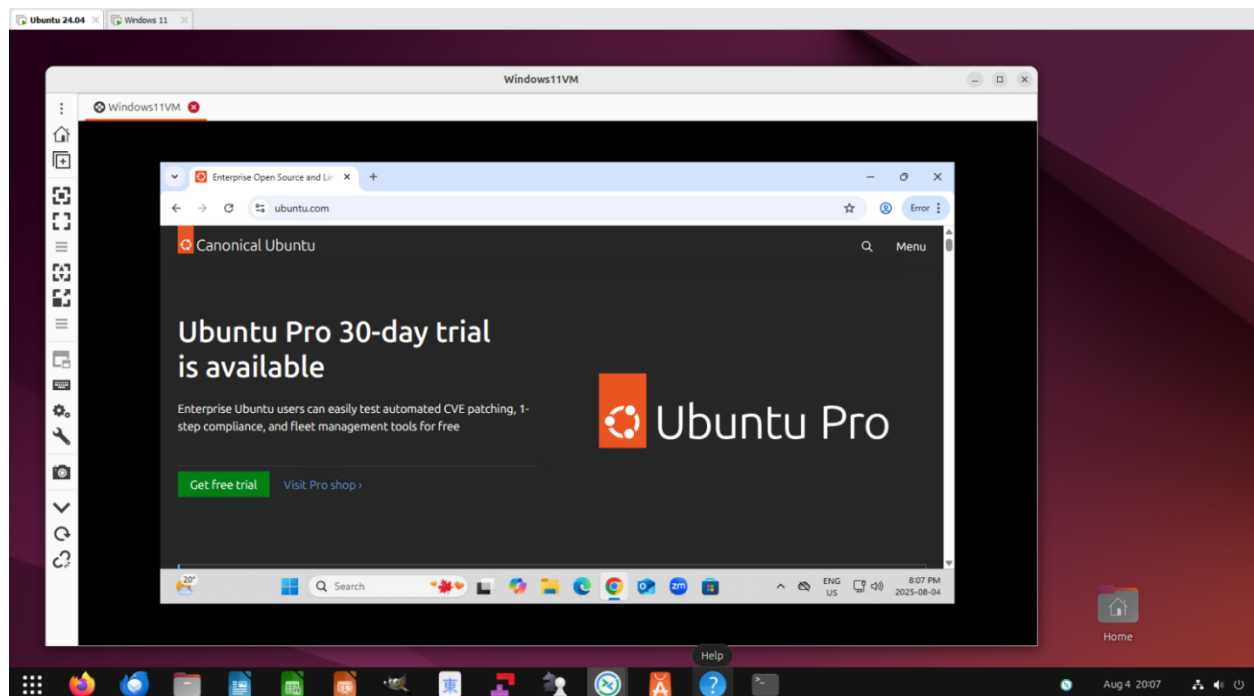# Step-By-Step guide on how to RDP
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RDP Authentication Credentials

This lab was performed in VMware Workstation Pro 17.5. Within the Ubuntu 24.04 virtual machine, Remmina is being used to remotely connect to a Windows 11 virtual machine.

Remmina RDP into Windows 11