# Setting Up SSH Access in Pop!_OS (Proxmox VM)

**Date:** June 1st, 2025
**Category:** Remote Access / Virtual Machine Setup
**Backlink:** Installing Pop!_OS (NVIDIA Edition) in Proxmox with GPU Passthrough

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# Goal

Enable secure remote access to your Pop!_OS virtual machine via SSH.

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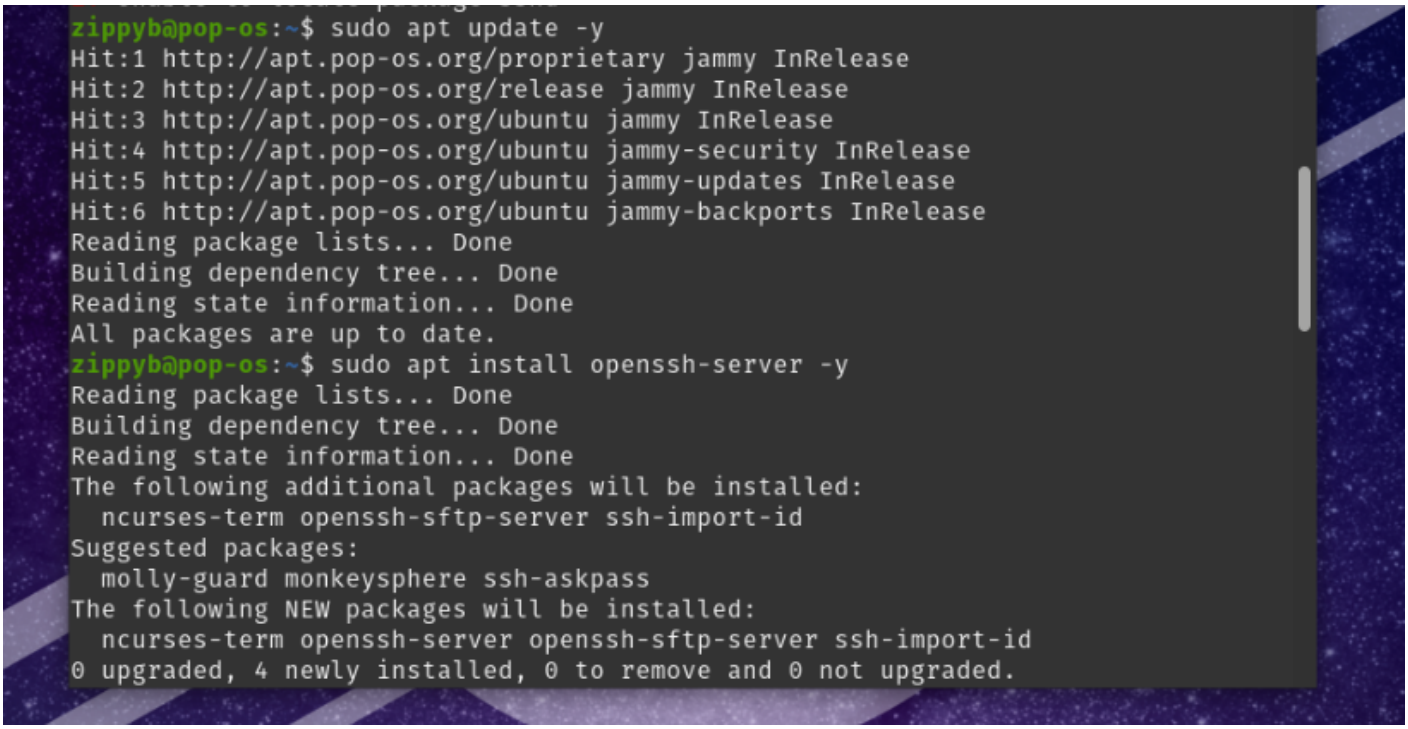
# Step 1: Install and Enable OpenSSH Server

Open a terminal in your Pop!_OS VM and run:

```
sudo apt update
sudo apt install openssh-server -y
```

Then start and enable the service:

```
sudo systemctl enable ssh
sudo systemctl start ssh
```

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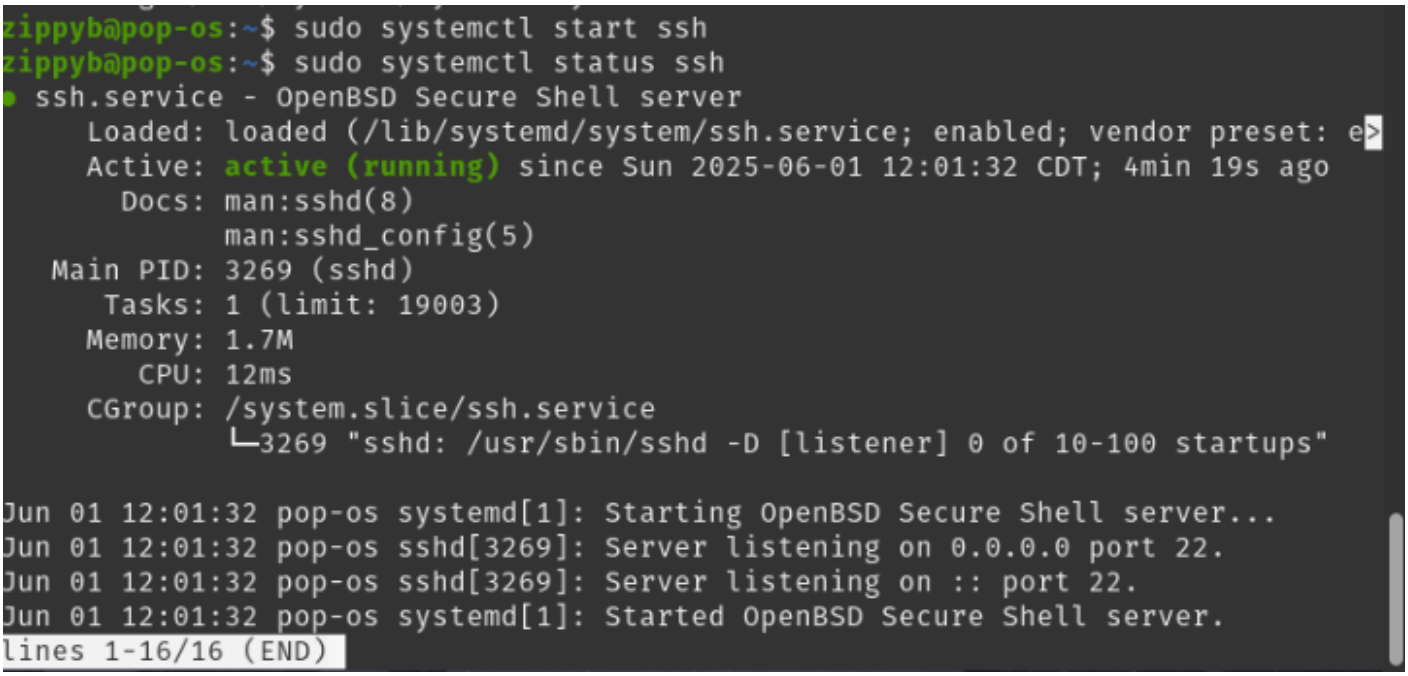
# Step 2: Verify SSH is Running

Check the status of the SSH server:

```
sudo systemctl status ssh
```

You should see:

- `Active: active (running)`

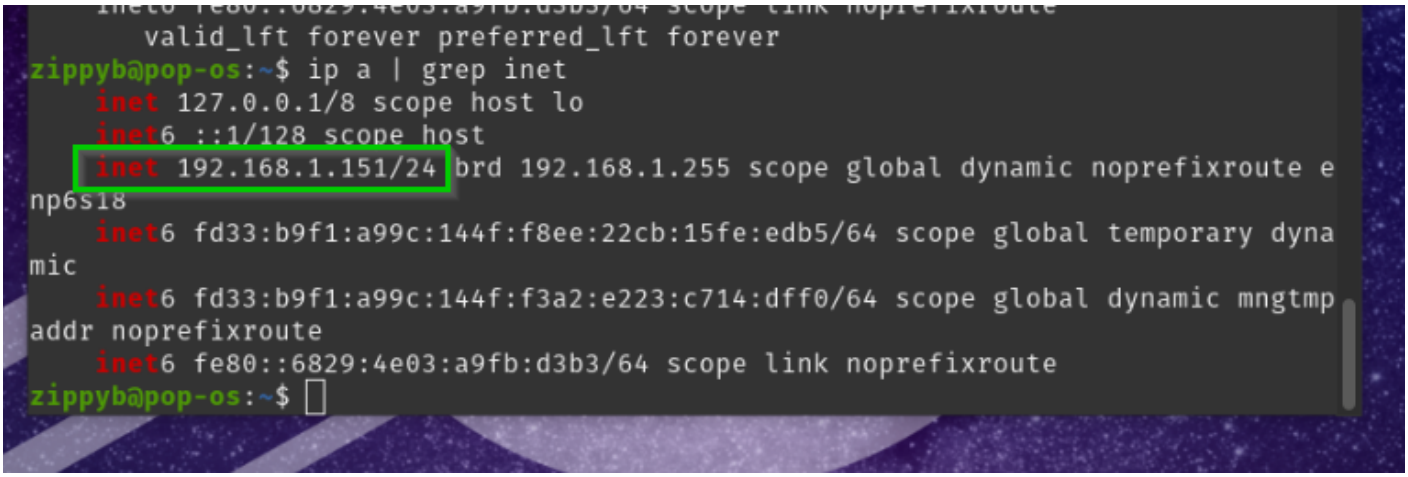



# Step 3: Find the IP Address

You can find the IP address in two ways:

- **From Proxmox Dashboard**: Under the VM summary tab
- **Inside Pop!_OS**:

```
ip a | grep inet
```

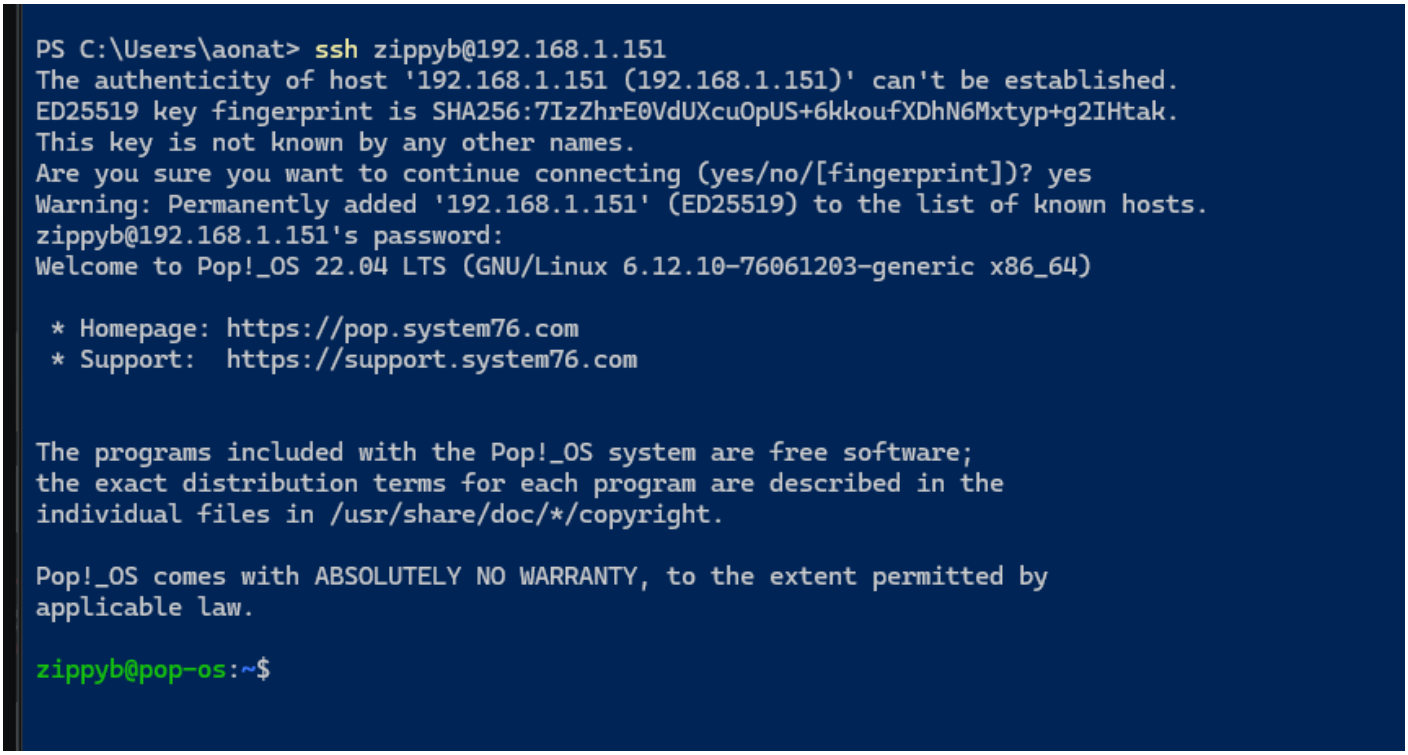


# Step 4: SSH From Another Machine

From your host machine or another computer on the LAN, connect:

```
ssh zippyb@192.168.1.151
```

You'll be prompted to accept the fingerprint and then enter your user password.

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# Optional: Use SCP to Transfer Files

```
scp file.txt zippyb@192.168.1.151:/home/nate/
```

Or use `rsync` for large/recurring syncs:

```
rsync -avz project/ zippyb@192.168.1.151:/home/nate/project/
```

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# Step 4: Enable and Configure UFW Firewall

1. Enable UFW:

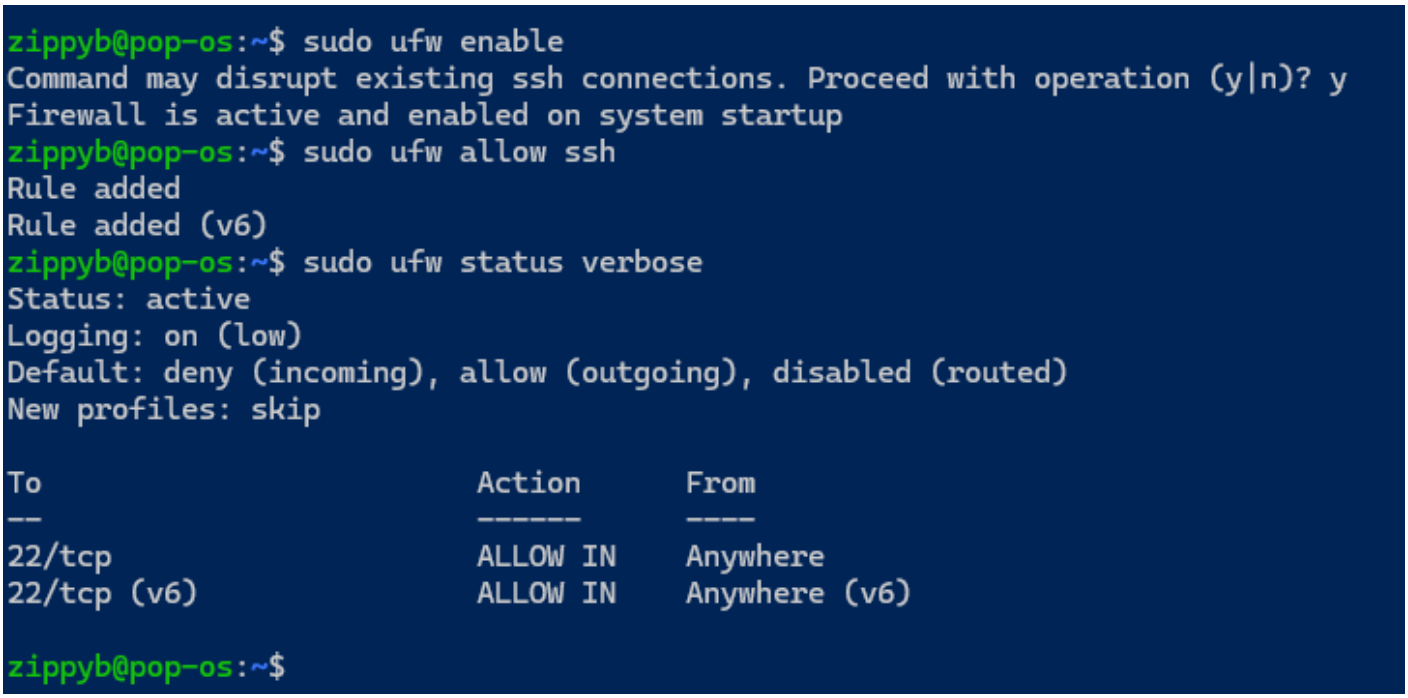
```
sudo ufw enable
```

2. Allow SSH through the firewall:

```
sudo ufw allow ssh
```

3. Check firewall status:

```
sudo ufw status verbose
```

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# Done

I can now securely connect to my Pop!_OS VM using SSH for remote configuration and file transfers.

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Revision #1
Created 1 June 2025 17:01:37 by Nate Nash
Updated 1 June 2025 17:29:47 by Nate Nash