

VPS servers

- [Basic server configuration for VPS - Debian/Ubuntu](#)

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Creating a New User

```
adduser username
```

Add the user to the sudo group (so they can run administrator commands):

```
usermod -aG sudo username
```

Disabling Root Login via SSH and changing the SSH Port

1. Edit the SSH configuration file:

```
nano /etc/ssh/sshd_config
```

2. Find the line:

```
PermitRootLogin yes
```

3. Change it to:

```
PermitRootLogin no
```

4. Save the file and restart SSH:

```
sudo systemctl restart ssh
```

5. In the same file:

```
sudo nano /etc/ssh/sshd_config
```

6. Find or add the line:

```
Port 2222
```

Note: Replace 2222 with any port you want to use.

7. Restart SSH:

```
sudo systemctl restart ssh
```

Note: After changing the port, connect using:

```
ssh -p 2222 username@server_ip
```

Installing UFW and basic firewall configuration

1. Install UFW:

```
sudo apt update  
sudo apt install ufw -y
```

2. Allow your new SSH port (e.g., 2222):

```
sudo ufw allow 2222/tcp
```

3. If you're still using the default port 22:

```
sudo ufw allow 22/tcp
```

4. Set default policies

```
sudo ufw default deny incoming  
sudo ufw default allow outgoing
```

5. Allow HTTP and HTTPS:

```
sudo ufw allow 80/tcp #http  
sudo ufw allow 443/tcp #https
```

7. Enable the firewall:

```
sudo ufw enable
```

8. Check the status:

```
sudo ufw status verbose
```