

Ubuntu18.04 配置SSH

配置步骤

环境

环境: Ubuntu18.04 VPS SSH 2222

Ubuntu18.04

步骤

1. 安装 SSH 服务 VPS** Linux 2222
2. Ubuntu18.04 ping/ssh VPS
3. VPS 2222

配置 VPS

1. 安装 openssh-server

```bash

sudo apt update && sudo apt install openssh-server

```

2. 启动 sshd

```bash

sudo vim /etc/ssh/sshd\_config

```

配置

```ini

GatewayPorts yes

AllowTcpForwarding yes

```

3. 重启 ssh

```bash

sudo systemctl restart sshd

```

4. 配置 2222

```bash

# ufw

sudo ufw allow 2222/tcp

# 配置 2222

```

测试 Ubuntu18.04

配置

```bash

# ssh -fCNR :127.0.0.1: ssh @ IP

ssh -fCNR 2222:127.0.0.1:22 root@123.45.67.89

```

####

- `f` #####

- `-C` #####

- `-N` #####

- `-R 2222:127.0.0.1:22` ##### 22##### 2222#

#####

1. # Ubuntu# ssh#

```bash

ssh-keygen -t ed25519 # #####

```

2. ##### VPS

```bash

ssh-copy-id root@123.45.67.89

```

#####

Ubuntu

1. ##### VPS

```bash

ssh root@123.45.67.89

```

2. ##### Ubuntu18.04

```bash

# # Ubuntu# ssh# 22

ssh ubuntu@127.0.0.1 -p 2222

```

autossh#

ssh##### `autossh`#####

Ubuntu18.04 # autossh

```bash

sudo apt update

sudo apt install autossh

```

autossh#####

```bash

# M ##### 10999#####

autossh -M 10999 -fCNR 2222:127.0.0.1:22 root@123.45.67.89

```

#####

1# Systemd##### Ubuntu18.04#

1. #####

```bash

```
sudo vim /etc/systemd/system/autossh-tunnel.service
```
```

```
[Unit]
Description=SSH Reverse Tunnel to Public VPS
After=network.target

[Service]
User=ubuntu
# 10000 -M 10000 2222 127.0.0.1:22 @ 123.45.67.89 IP
ExecStart=/usr/bin/autossh -M 10999 -CNR 2222:127.0.0.1:22 root@123.45.67.89
Restart=always
RestartSec=10

[Install]
WantedBy=multi-user.target
```
```

```
2. root@ubuntu:~#
root@ubuntu:~# bash
root@ubuntu:~# sudo systemctl daemon-reload
root@ubuntu:~# sudo systemctl enable autossh-tunnel
root@ubuntu:~# sudo systemctl start autossh-tunnel
root@ubuntu:~#
root@ubuntu:~# systemctl status autossh-tunnel
```
```

```
root@ubuntu:~# crontab -e
root@ubuntu:~#
*/5 * * * * pgrep autossh >/dev/null || autossh -M 10999 -fCNR 2222:127.0.0.1:22 root@123.45.67.89
```
```

```
root@ubuntu:~#
1. root@ubuntu:~#
root@ubuntu:~# sshd_config GatewayPorts yes
root@ubuntu:~# /etc/ssh/sshd_config 2222
root@ubuntu:~# Ubuntu ssh `systemctl status sshd`

2. root@ubuntu:~#
root@ubuntu:~# autossh ssh
root@ubuntu:~# ssh `cat /etc/ssh/sshd_config`
root@ubuntu:~#
ClientAliveInterval 30
```

///

1. ☐ VPS☐ Ubuntu

3. □□□□□□□□□□

5.  Ubuntu  ssh  root  ssh

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