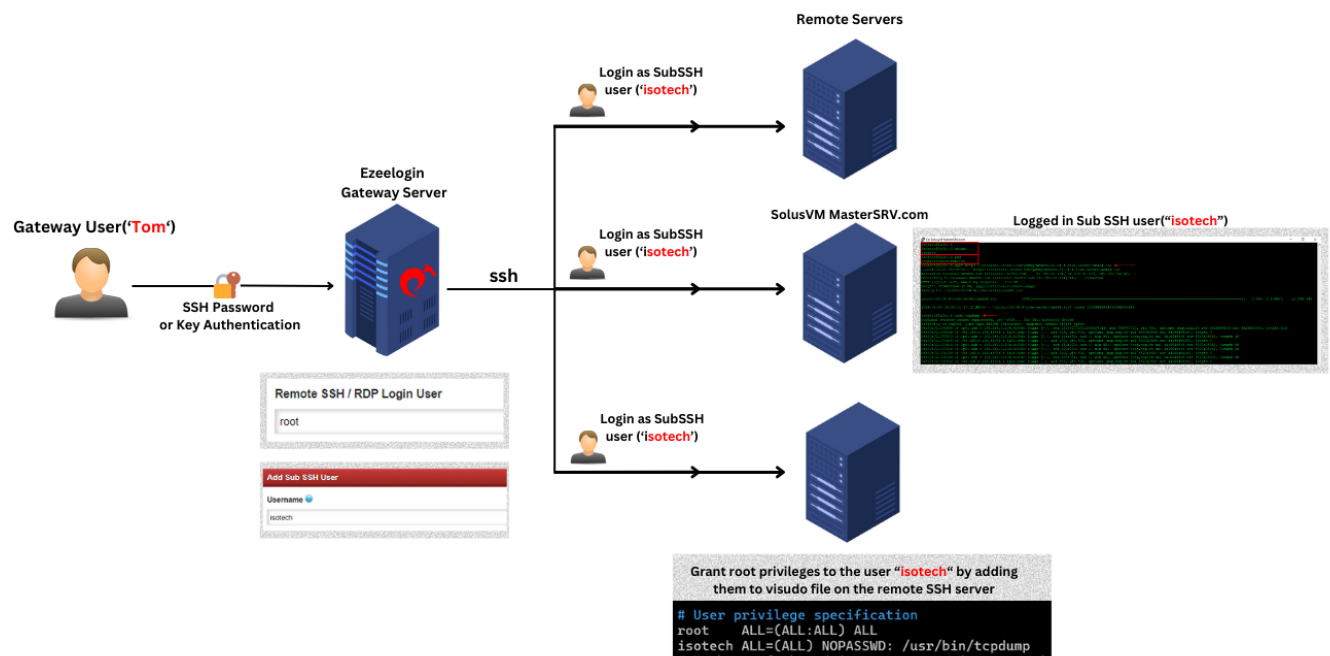


How to add sub ssh users on remote servers and restrict commands via sudoers file

716 Rakhi May 17, 2024 [Features & Functionalities](#) 266

[sub ssh user](#)



[Sub SSH user](#)

NOTE : Increase the PHP maximum execution time in seconds on the Gateway server. This directive `max_execution_time` would specify the maximum time in seconds that a PHP script is allowed to run before it's terminated.

```
root@gateway ~# read -p "Enter new maximum execution time (e.g., 900): " time && sudo sed -i "s/^max_execution_time =.*/max_execution_time = $time/I" /etc/php/$(php -v | head -n 1 | awk '{print $2}' | cut -d. -f1,2)/cli/php.ini
```

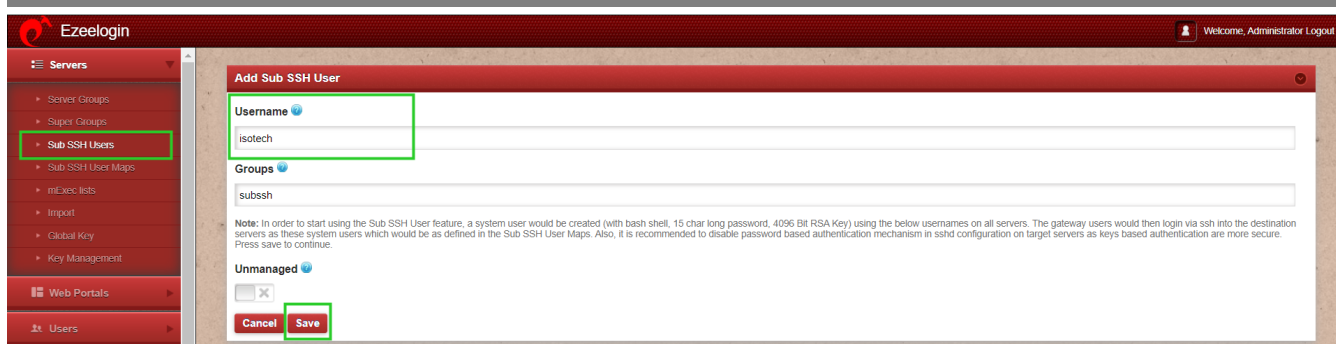
```
root@gateway~# read -p "Enter new memory limit (e.g., 2G): " memory && sudo sed -i "s/^memory_limit =.*/memory_limit = $memory/I" /etc/php/$(php -v | head -n 1 | awk '{print $2}' | cut -d.
```

```
-f1,2)/cli/php.ini
```

```
root@gateway~# systemctl restart apache2
```

Under sub ssh user > specify the username and Save it.

This will create the user “isotech” on all remote servers. (n number of servers.)



Step 2: Run the following commands via [parallel shell](#) to run in the sudoers file.

```
~# echo "isotech ALL=(ALL) NOPASSWD: /usr/bin/tcpdump" >> /etc/sudoers
```

```
[group:SolusVM Masters GRP]# echo "isotech ALL=(ALL) NOPASSWD: /usr/bin/tcpdump" >> /etc/sudoers
```

```
web.eznoc.1001
```

```
web.eznoc.1004
```

```
web.eznoc.1002
```

```
web.eznoc.1003
```

```
SolusVM MasterSRV.com
```

```
Successfully executed on all 5 device(s).
```

```
[group:SolusVM Masters GRP]#
```

Check the syntax of sudoers file on remote servers.

```
~# visudo -c
```

```
[group:SolusVM Masters GRP]# sudo visudo -c
```

```
web.eznoc.1001
```

```
/etc/sudoers: parsed OK  
/etc/sudoers.d/README: parsed OK
```

```
web.eznoc.1004
```

```
/etc/sudoers: parsed OK  
/etc/sudoers.d/README: parsed OK
```

```
web.eznoc.1002
```

```
/etc/sudoers: parsed OK  
/etc/sudoers.d/README: parsed OK  
/etc/sudoers.d/user_management: parsed OK
```

```
web.eznoc.1003
```

```
/etc/sudoers: parsed OK  
/etc/sudoers.d/README: parsed OK
```

```
SolusVM MasterSRV.com
```

```
/etc/sudoers: parsed OK  
/etc/sudoers.d/README: parsed OK  
/etc/sudoers.d/user_management: parsed OK
```

```
Successfully executed on all 5 device(s).
```

```
[group:SolusVM Masters GRP]#
```

Step 3 : Login to the SolosVM Masters server. Change the user home directory and grant permissions to the directory as shown below.

```
~#
```

The screenshot shows the Ezeelogin web interface. In the left sidebar, the 'Sub SSH User Maps' option is highlighted. The main content area displays a table titled 'Sub SSH User Maps' with a search bar and a dropdown menu set to 'All'. The table has columns for 'User Group', 'Server Group', 'Sub SSH User', and 'Actions'. A single row is visible, showing 'Junior Techs' as the User Group, 'SolusVM Masters GRP' as the Server Group, and 'isotech' as the Sub SSH User. The 'SolusVM Masters GRP' and 'isotech' cells are highlighted with a green border. The bottom right corner of the table shows '1 - 1/1'.

User Group	Server Group	Sub SSH User	Actions
Junior Techs	SolusVM Masters GRP	isotech	

```
Ex: SolusVM MasterSRV.com
isotech@lp01:~$
isotech@lp01:~$ whoami
isotech
isotech@lp01:~$ pwd
/home/isotech/kvm/iso
isotech@lp01:~$ wget https://releases.ubuntu.com/jammy/ubuntu-22.04.4-live-server-amd64.iso
--2024-05-15 05:58:16-- https://releases.ubuntu.com/jammy/ubuntu-22.04.4-live-server-amd64.iso
Resolving releases.ubuntu.com (releases.ubuntu.com)... 91.189.91.124, 91.189.91.123, 185.125.190.40, ...
Connecting to releases.ubuntu.com (releases.ubuntu.com)[91.189.91.124]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2104408064 (2.0G) [application/x-iso9660-image]
Saving to: 'ubuntu-22.04.4-live-server-amd64.iso'

ubuntu-22.04.4-live-server-amd64.iso      100%[=====>]      1.96G   1.13MB/s   in 29m 54s

2024-05-15 06:28:11 (1.12 MB/s) - 'ubuntu-22.04.4-live-server-amd64.iso' saved [2104408064/2104408064]

isotech@lp01:~$ sudo tcpdump
tcpdump: verbose output suppressed, use -v[v]... for full protocol decode
listening on enp0s3, link-type EN10MB (Ethernet), snapshot length 262144 bytes
06:30:02.298498 IP lp01.ssh > 192.168.0.106.41936: Flags [P.], seq 1208827027:1208827143, ack 755977720, win 501, options [nop,nop,TS val 3416649614 ecr 552360375], length 116
06:30:02.299166 IP 192.168.0.106.41936 > lp01.ssh: Flags [.], ack 116, win 501, options [nop,nop,TS val 552360585 ecr 3416649614], length 0
06:30:02.299803 IP lp01.ssh > 192.168.0.106.41936: Flags [P.], seq 116:152, ack 1, win 501, options [nop,nop,TS val 3416649615 ecr 552360585], length 36
06:30:02.300415 IP 192.168.0.106.41936 > lp01.ssh: Flags [.], ack 152, win 501, options [nop,nop,TS val 552360586 ecr 3416649615], length 0
06:30:02.300518 IP lp01.ssh > 192.168.0.106.41936: Flags [P.], seq 152:220, ack 1, win 501, options [nop,nop,TS val 3416649616 ecr 552360586], length 68
06:30:02.300816 IP lp01.ssh > 192.168.0.106.41936: Flags [P.], seq 220:288, ack 1, win 501, options [nop,nop,TS val 3416649616 ecr 552360586], length 68
06:30:02.301030 IP 192.168.0.106.41936 > lp01.ssh: Flags [.], ack 220, win 501, options [nop,nop,TS val 552360587 ecr 3416649616], length 0
06:30:02.301124 IP lp01.ssh > 192.168.0.106.41936: Flags [P.], seq 288:356, ack 1, win 501, options [nop,nop,TS val 3416649616 ecr 552360587], length 68
06:30:02.301502 IP 192.168.0.106.41936 > lp01.ssh: Flags [.], ack 288, win 501, options [nop,nop,TS val 552360587 ecr 3416649616], length 0
06:30:02.301599 IP lp01.ssh > 192.168.0.106.41936: Flags [P.], seq 356:392, ack 1, win 501, options [nop,nop,TS val 3416649617 ecr 552360587], length 36
06:30:02.301688 IP 192.168.0.106.41936 > lp01.ssh: Flags [.], ack 392, win 501, options [nop,nop,TS val 552360588 ecr 3416649617], length 0
```

Related Articles:

[What is Sub SSH?](#)

[How to configure Role-Based Access Control?](#)

[How to grant Parallel Shell privilege for a user?](#)

[How to increase speed execution in Parallel Shell?](#)

[How to execute command on a custom group of servers?](#)

Online URL:

<https://www.ezeelogin.com/kb/article/how-to-add-sub-ssh-users-on-remote-servers-and-restrict-commands-via-sudoers-file-716.html>