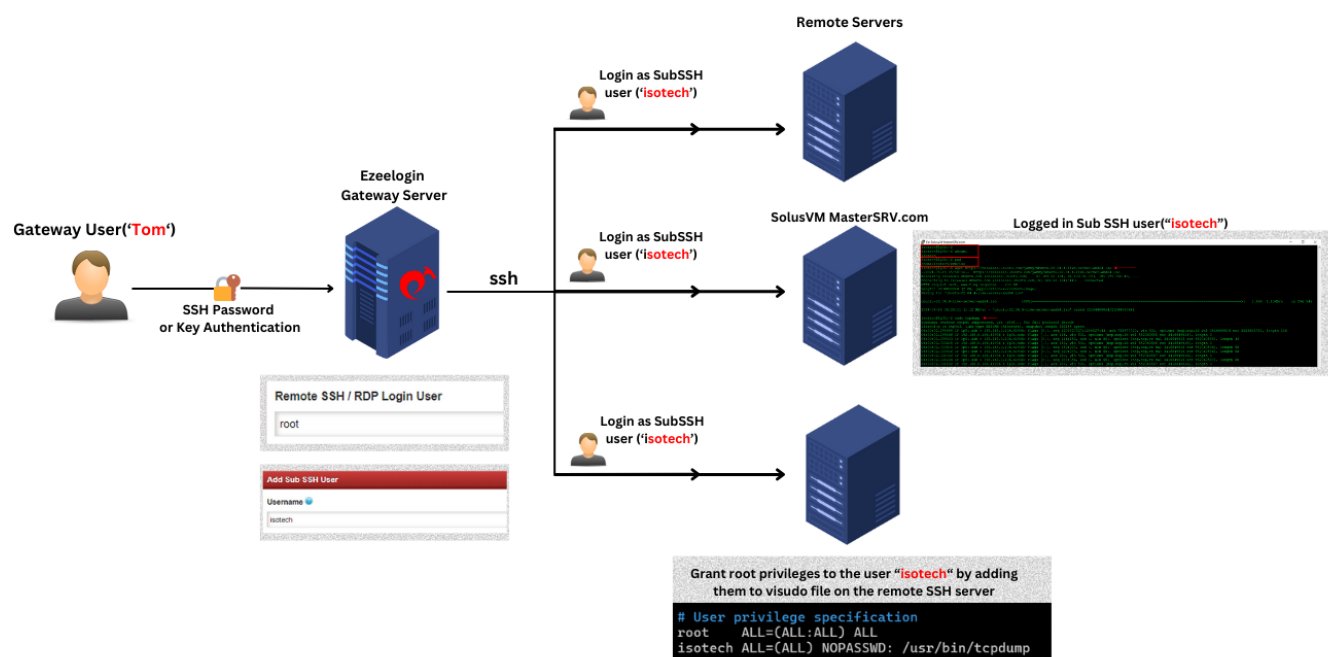


How to add sub ssh users on remote servers and restrict commands via sudoers file

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[sub ssh user](#)



[Sub SSH user](#)

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.

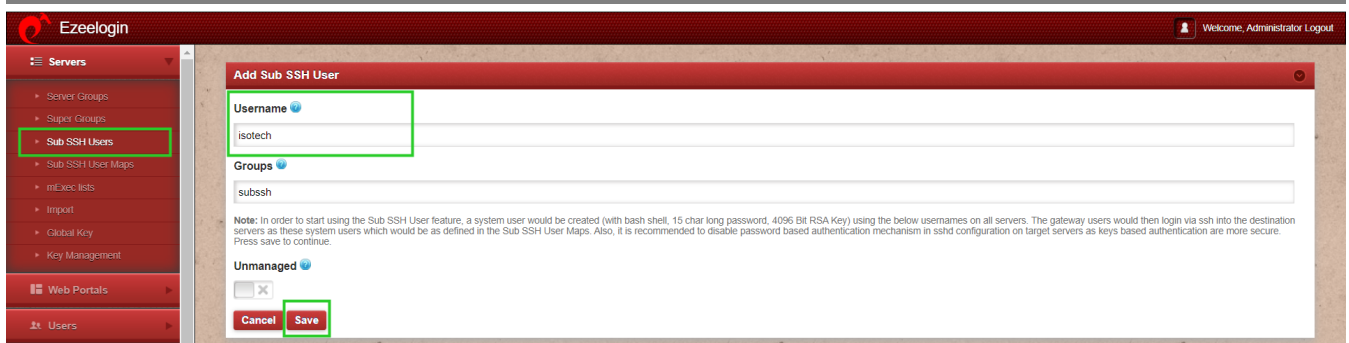
```
root@gateway ~# read -p "Enter new maximum execution time (e.g., 900): " time && sudo sed -i "s/^max_execution_time =.*/max_execution_time = $time/I" /etc/php/$(php -v | head -n 1 | awk '{print $2}' | cut -d. -f1,2)/cli/php.ini
```

```
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.)



The screenshot shows the Ezeelogin web interface. On the left is a sidebar with a 'Servers' menu where 'Sub SSH Users' is selected. The main content area is titled 'Add Sub SSH User'. It contains two input fields: 'Username' with the value 'isotech' and 'Groups' with the value 'subssh'. Below these fields is a note about system user creation and a 'Unmanaged' checkbox which is checked. At the bottom are 'Cancel' and 'Save' buttons, with the 'Save' button highlighted by a green rectangle.

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

```
root@gateway~# 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.

```
root@gateway~# 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.

```
root@gateway~# usermod -d /home/isotech/kvm/iso isotech ; chmod 777 /home/isotech/kvm/iso
```

The screenshot shows the Ezeelogin web interface. On the left, a sidebar menu has 'Sub SSH User Maps' highlighted with a green box. The main content area displays a table titled 'Sub SSH User Maps' with columns: 'User Group', 'Server Group', 'Sub SSH User', and 'Actions'. The table contains one entry where 'Junior Techs' is the User Group, 'SolusVM Masters GRP' is the Server Group (highlighted with a green box), and 'isotech' is the Sub SSH User (also highlighted with a green box). The top of the interface shows 'Welcome, Administrator Logout' and a search bar.

User Group	Server Group	Sub SSH User	Actions
Junior Techs	SolusVM Masters GRP	isotech	[Edit] [Delete]

```
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>