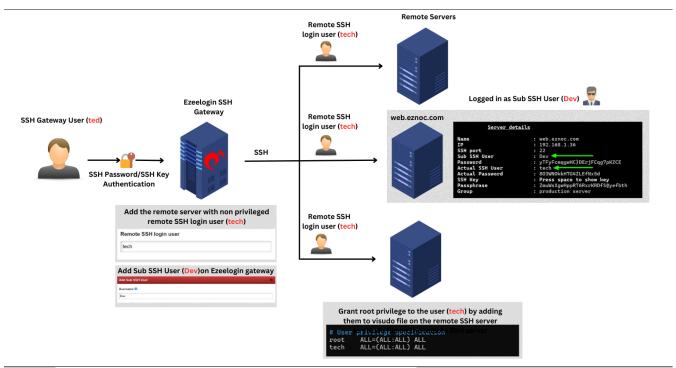
How to add a subssh user with non privileged remote ssh login user

692 Rakhi October 8, 2025 <u>Features & Functionalities</u>, <u>Productivity & Efficiency Features</u> 3246

How to <u>create sub ssh user</u> when a remote server is added with non privileged <u>remote SSH Login User</u>?

Overview: This article details on how to add a remote server "web.eznoc.com' to Ezeelogin gateway with Remote SSH Login User 'Tech' (non privileged system user) and allows the gateway user 'Ted' to log in to the remote server as a SubSSH user 'Dev' (non privileged system user)



Step 1: Add the remote server (web.eznoc.com) with the non-privileged Remote SSH Login User(tech).

Ezeelogin		Welcome, Administrator Logout
:≣ Servers ▼		
	Edit Server	
➤ Server Groups	Hostname	IP Address(es) ₪
Super Groups Sub SSH Users	web.eznoc.com	192.168.0.112
Sub SSH Users Sub SSH User Maps	Remote SSH / RDP Login User	
mExec lists	tech	Remote SSH / RDP Password
> Import		
➤ Global Key	SSH Private Key @	∑ Clear @
➤ Key Management		SSH Key Passphrase 🐷
	SSH Port	
■ Web Portals ►	22	SSH
±t Users ▶		enabled
G Access Control ▶	Password Management @	Server Group
Access Collifor	keep server password \$	
% Settings	RDP Port	
	3389	RDP @
	Windows Domain @	x
		Datacenter @
Account ▶	Control Panel @	None \$
	None \$	First Prompt @
Ø neib		.~S
License	Description	Cancel Save
Collapse		301001

Step 2: Grant necessary privileges to the Remote SSH Login User(tech) in the sudoers file on the remote SSH server (web.eznoc.com).

Step 2(A): Create a config file for granting privileges for user group and assign permissions.

If you are using key-based authentication, make sure to provide 'NOPASSWD' in the sudoers file.

```
root@web.eznoc.com:~# vim /etc/sudoers.d/user_management

%<new_group_name> ALL=(ALL) NOPASSWD:/usr/bin/sh -c *

eg: tech ALL=(ALL) NOPASSWD:/usr/bin/sh -c *

root@web.eznoc.com:~# chmod 440 /etc/sudoers.d/user_management
```

Step 2(B): Check syntax of sudoers file

```
root@web.eznoc.com:~# visudo -c
/etc/sudoers: parsed OK
/etc/sudoers.d/user_management: parsed OK
```

Step 3: Create SubSSH user (Dev) and perform mapping.

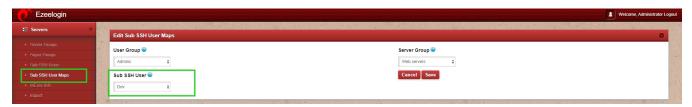
If creating SubSSH user on high number of servers, make sure to increase values in php.ini. Refer step 2 from below article.

Increase values in php.ini

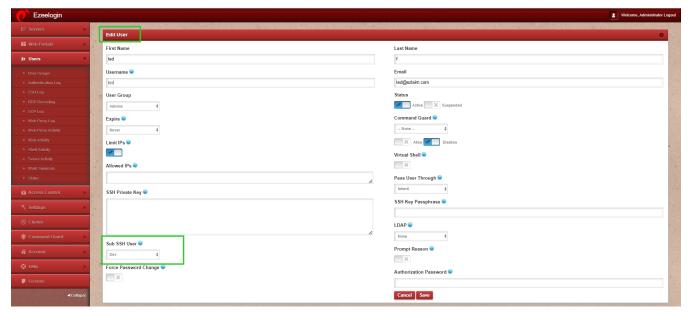
Step 3(A): Create SubSSH user



Step 3(B): To map a SubSSH user based on groups, go to Sub SSH User Maps, then select the user group, SubSSH user, and server group.



Step 3(C): To map SubSSH user for an individual gateway user, edit the gateway user and select the sub ssh user.



Step 4: Login to the remote server (web.eznoc.com) via ezsh.

When you click 'tab' key to view the <u>server details</u>, you can see that you have logged in to the remote server as the Sub SSH user 'Dev' instead of the non-privileged remote SSH login user 'tech'.

How to create a <u>subssh user</u> for multiple remote servers added with a non-privileged <u>remote SSH login user</u> using <u>parallel shell?</u>

Step 1: Login to backend (ezsh) and navigate to user group and press 'F7' or '*' to open parallel shell

Step 2: Run the following commands to grant privileges for remote user.

Step 2(A): Create new config file and add privilege for user group.

If you are using key-based authentication, make sure to provide 'NOPASSWD' in the sudoers file.

```
[group:All servers]# echo "<username> ALL=(ALL) NOPASSWD:/usr/bin/sh
-c *" >> /etc/sudoers.d/user_management

eg: echo "tech ALL=(ALL) NOPASSWD:/usr/bin/sh -c *" >>
/etc/sudoers.d/user_management
```

Step 3: Follow **steps 3** and **4** above to create a SubSSH user, map it to the gateway user, and then initiate SSH connections using the newly created users.

Step 4: Syntax check all servers sudoers file

```
[group:All servers]# visudo -c
```

Creation of Sub<mark>ssh</mark> user fails

If the Ezeelog<mark>in</mark> gateway server has more remote servers, it will take more time to create the sub<mark>ssh user in</mark> all the servers. Refer below article to increase the execution time of the script in the gateway server.

Increase script execution time <mark>in</mark> the gateway server

Related articles:

Error: An error occurred while trying to submit the form (error: Forbidden)

Add Linux instance

Add a server using SSH key pair

Setup public-key in the remote server

User identity and access management in SSH

How to use Parallel Shell feature?

Online URL:

https://www.ezeelogin.com/kb/article/how-to-add-a-subssh-user-with-non-privileged-remote-ssh-login-user-692.html