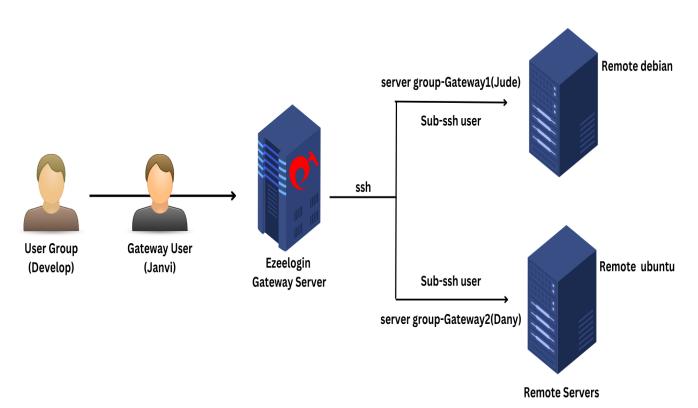
Access different servers with different subssh users

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How a gateway user can login to different servers with different SubSSH users?

Overview: This article explains how to assign and map subSSH users to specific server and user groups in Ezeelogin for controlled SSH access.



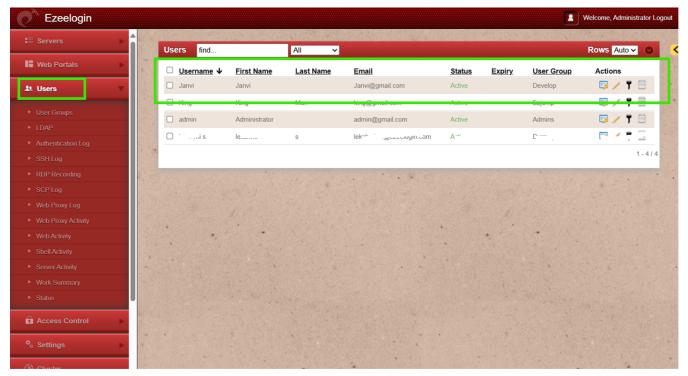
Ssh-user logs into different remote servers with different sub-ssh accounts.

To access different servers with distinct subSSH users, it's possible to map various subSSH users with different server groups using the subSSH user map option in the Ezeelogin GUI.

Subssh user means it adds system users on remote servers. Enables you to login as those non-privileged users remotely instead of root.

Follow the steps below to log in to a different server with different subSSH user.

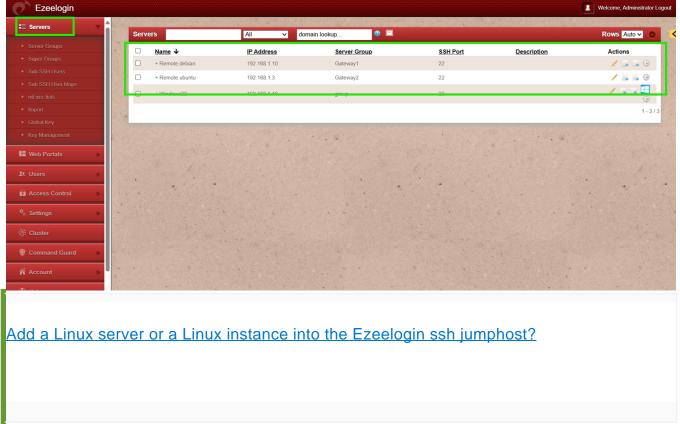
Step 1: Create a user and assign them to a user group.



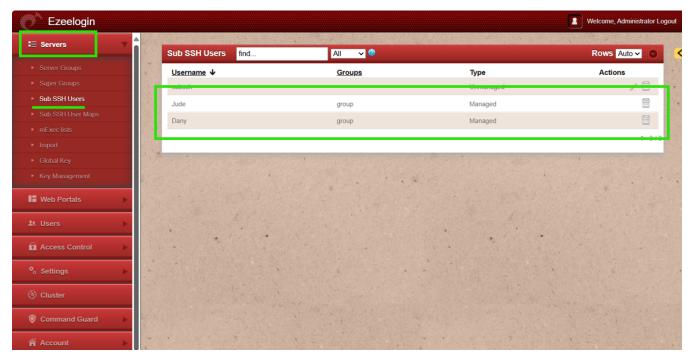
In the above screenshot, the user 'Janvi' has been created and assigned to the 'Develop' group.

How to add a SSH gateway user in Ezeelogin?

Step 2: Assign the servers to different server groups



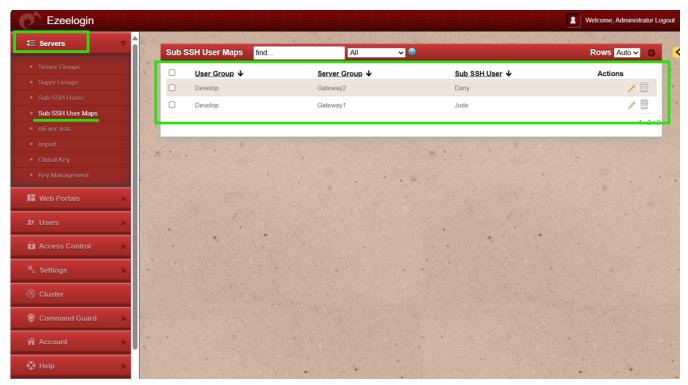
Step 3: Add the SubSSH users.



Here, two sub-SSH users are added: 'Jude' and 'Dany'.

SubSSH user explained

Step 4: Establish a mapping with subSSH users between the user group created earlier and the server groups to which the remote servers belong.



In the above screenshot, subSSH user 'Jude' is mapped to the user group 'Develop' and server group 'gateway1'. SubSSH user 'Dany' is mapped to server group 'gateway2' and user group 'Develop'.

Map the same user added user group that needs to log in to different servers. If a user is mapped with an individual subSSH user, they will log in as the subSSH user. Consequently, the group mapping will not take effect in this scenario.

Step 5: Login through backend to check the mapping

root@gateway ~]# ssh user@Ezlogin_ip

Example: root@gateway ~|# ssh Janvi@192.168.1.10

*gateway1 test
gateway2 test
All servers List of all accessible servers

GROUPS [Normal /] {User: Janvi}
Start typing name to locate. ESC: Clear search, F1/+: Help, F4/!: Exit.

In the above screenshot, user 'Janvi' logged into the backend, displaying the groups that are accessible to them.

Select the 'gateway1' server group option and confirm the user details by pressing the 'Tab' key.

```
Server details

Name : Remote.debian

IP : 192.168.1.10

SSH port : 22

Sub SSH User : Jude

Password : JrijRjsFQHzxH6SVUGjJd

Actual SSH User : root

Actual Password : root

SSH Key : Press space to show key

Passphrase : vumvsfvj3J{rUvvknHK

Group : gateway1

Press any key to continue...

SERVERS [gateway1] (group) [Normal / ] {User: Janvi}

Start typing name to locate. ESC: Clear search, F1/+: Help, F4/!: Exit.
```

Logged in as the Sub SSH user 'Jude' to the 'Remote.ubuntu' server in the 'gateway1' server group.

Jude@Remote:~\$ Jude Jude@Remote:~\$	i whoami			

Select the 'gateway2' server group option, and confirm the user details by pressing the 'Tab' key.

Server details

Name : Remote.ubuntu : 192.168.1.5 ΙP

SSH port Sub SSH User

: 192:100:110 : 22 : Dany : bNB@VFFFBPSA2kuPXS

Password
Actual SSH User
Actual Password : root : root

: Press space to show key : Y}FMt8Hj : gateway2

SSH Key Passphrase Group

Press any key to continue...

SERVERS [gateway2] (group) [Normal /] {User: Janvi} Start typing name to locate. ESC: Clear search, F1/+: Help, F4/!: Exit.

Logged in as the Sub SSH user 'Dany' to the 'Remote.ubuntu' server in the 'gateway2' server group.



- Mapping different subSSH users to various server and user groups is beneficial for accessing different servers with distinct subSSH users.
- In this scenario, a user (Janvi) is added to the user group (Develop), and two different servers (Remote.debian and Remote.ubuntu) are added to two distinct server groups (gateway1 and gateway2).
- After creating two different subSSH users (Jude and Dany), map these subSSH users with different server groups (gateway1 and gateway2) and the user group ('Develop' to which the Janvi user belongs).
- A subSSH user (Jude) is mapped to a server group (gateway1) and user group (Develop). This means when a member of the user group (Develop) logs in to any server from the server group (gateway1), they will log in as the subSSH user that we have mapped with them.

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 <mark>in</mark>crease the execution time of the script in the gateway server.

In<mark>crease script execution time in</mark> the gateway serve

Related Articles:

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