Access different servers with different subssh users

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.

Remote debian

server group-Gateway1(Jude)

Sub-ssh user

ssh

User Group
(Develop)

Gateway User
(Janvi)

Ezeelogin
Gateway Server

Sub-ssh user

Remote ubuntu
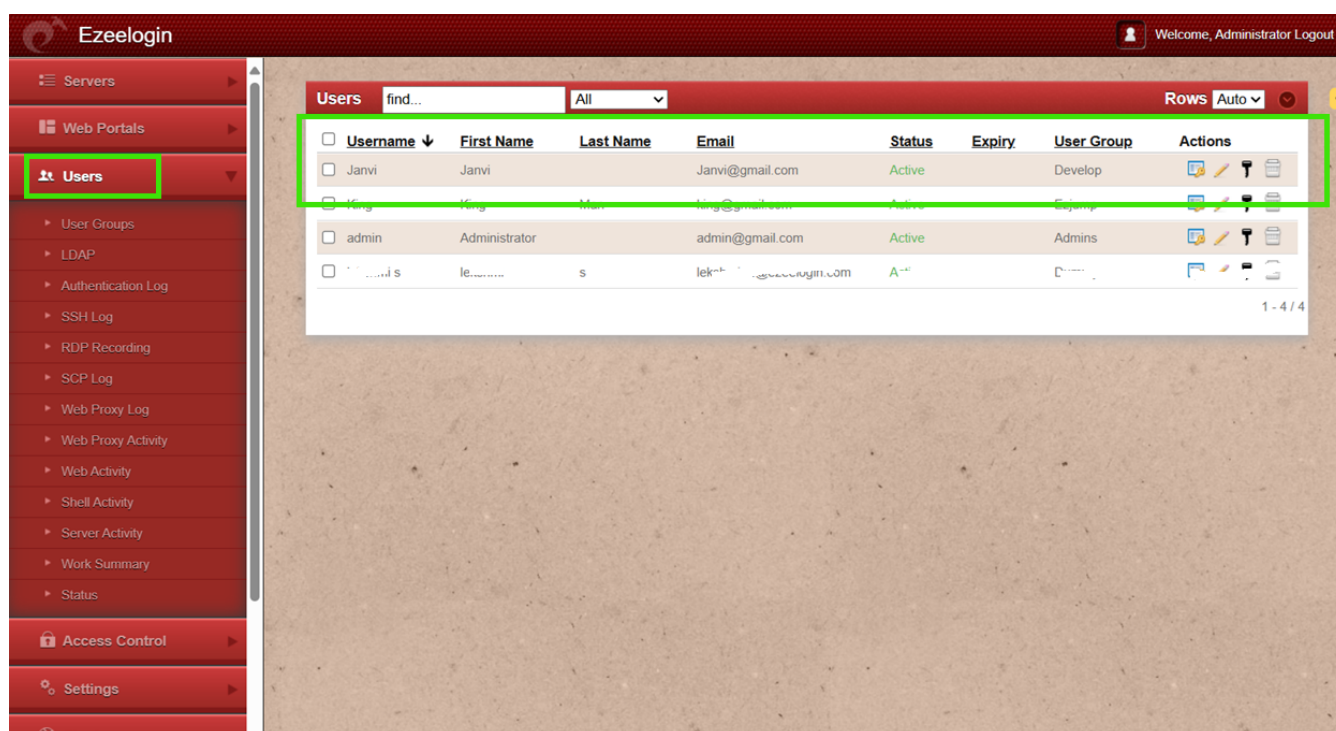
server group-Gateway2(Dany)
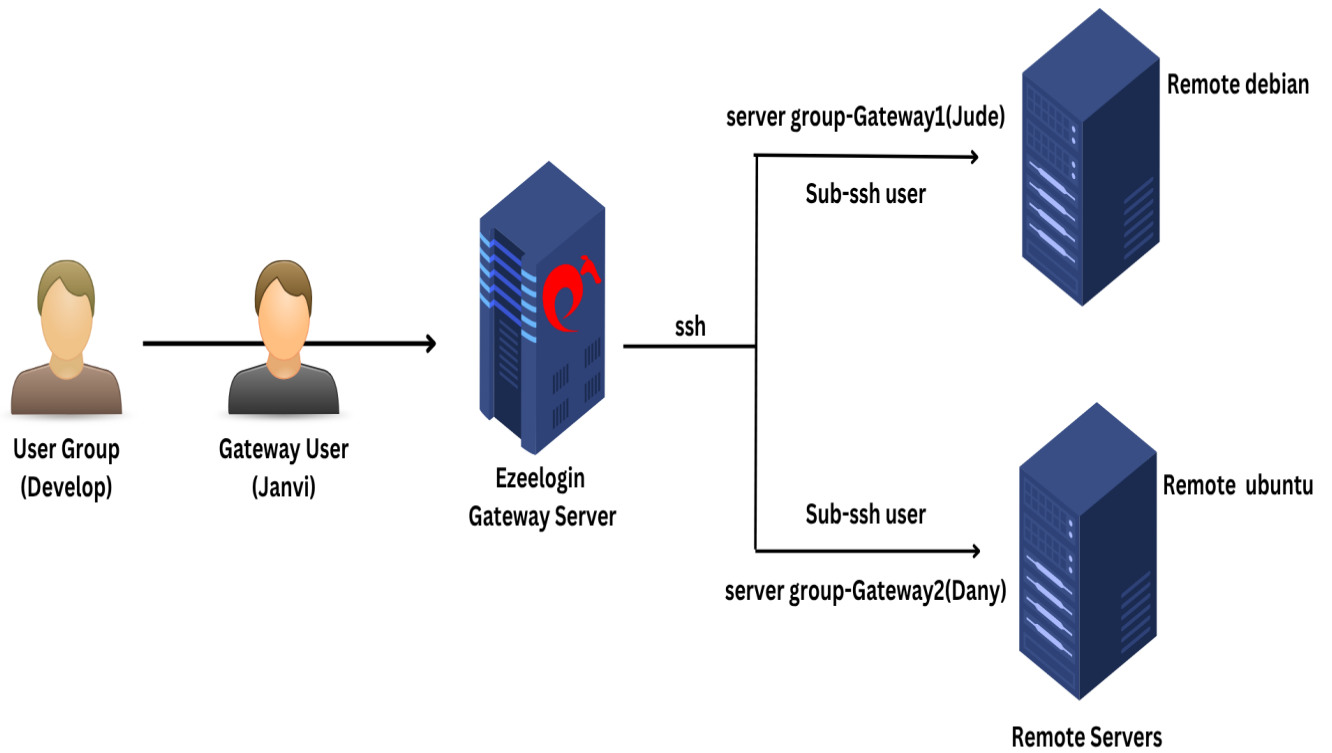
Remote Servers

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.

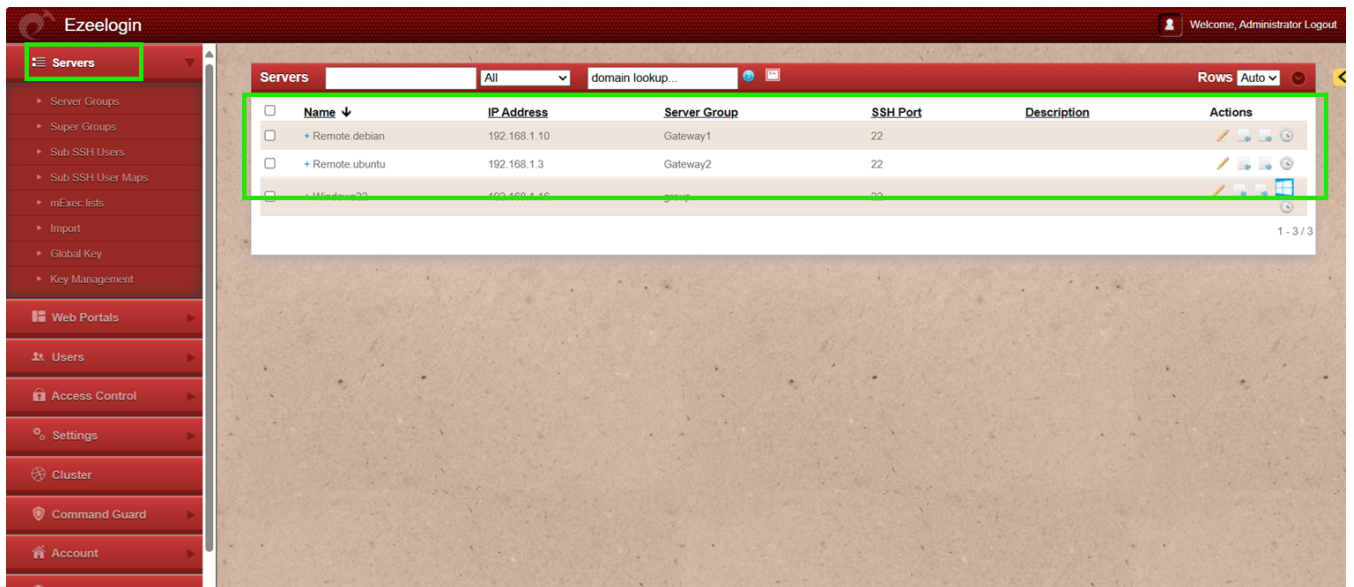# Follow the steps below to log in to a different server with different subSSH user.

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

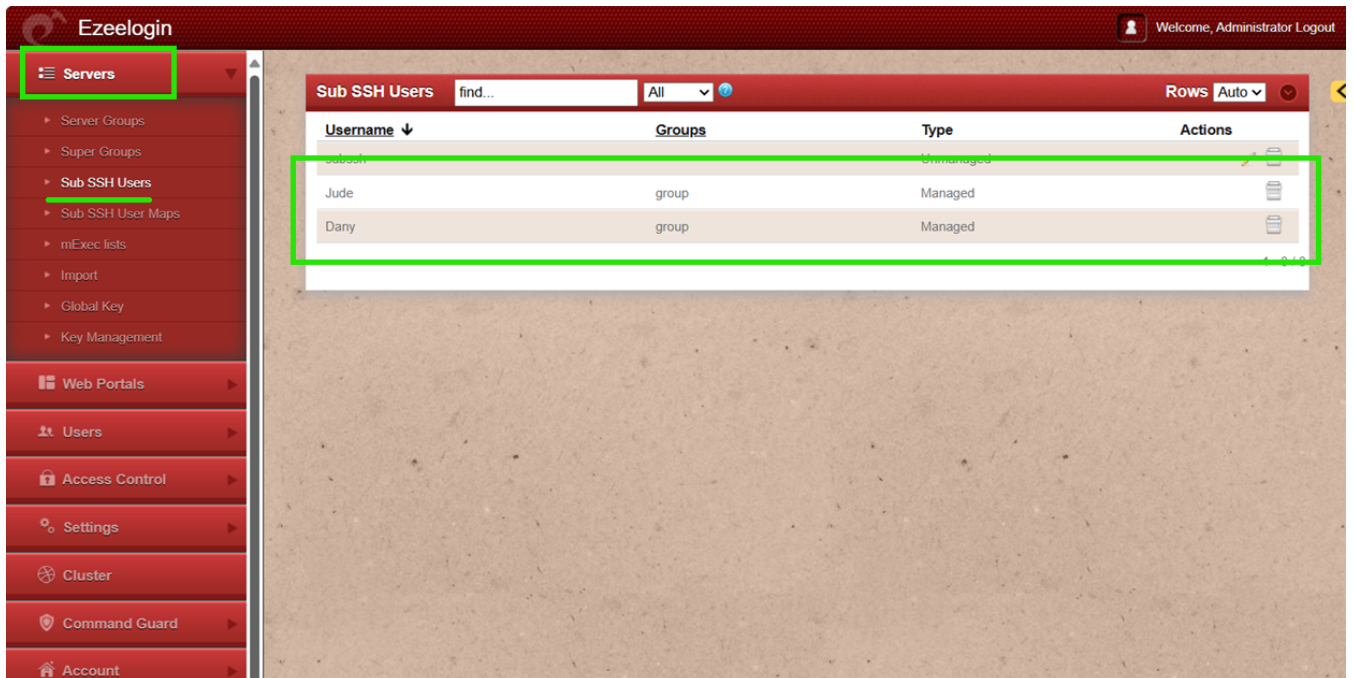In the above screenshot, the user 'Janvi' has been created and assigned to the 'Develop' group.

How to add a SSH gateway user in Ezeelogin?

Step 2: Assign the servers to different server groups

[Add a Linux server or a Linux instance into the Ezeelogin ssh jumphost?](#)
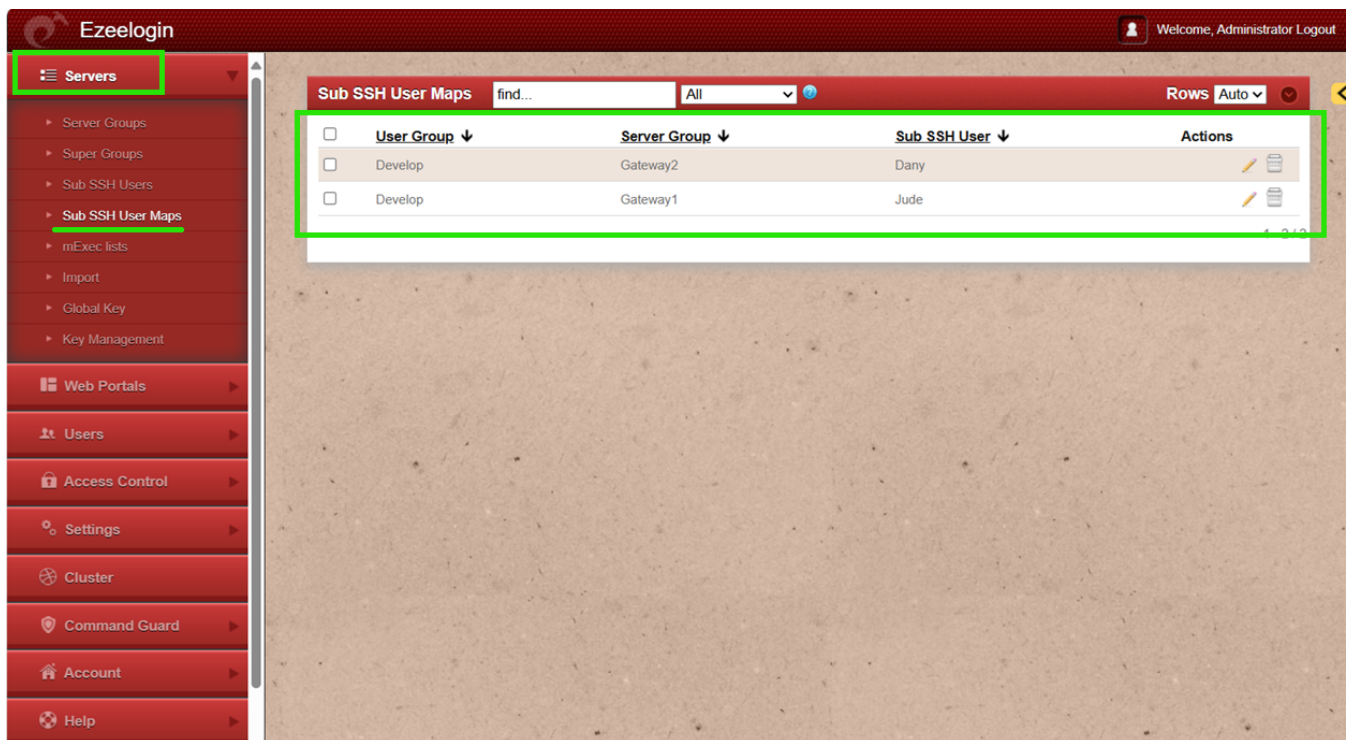
Step 3: Add the SubSSH users.

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
```

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                : Jfr!jRjsFQHzxH6SVUGjJd
Actual SSH User         : root
Actual Password         : root
SSH Key                 : Press space to show key
Passphrase              : vuwvsfvj3J{rUvvknMK
Group                   : gateway1










        Press any key to continue...█
```

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

```
Jude@Remote:~$ whoami
Jude
Jude@Remote:~$ █
```

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

```
        Server details

Name                    : Remote.ubuntu
IP                      : 192.168.1.5
SSH port                : 22
Sub SSH User            : Dany
Password                : bNB@VFFFBPSA2kuPXS
Actual SSH User         : root
Actual Password         : root
SSH Key                 : Press space to show key
Passphrase              : Y}FMt8Hj
Group                   : gateway2




        Press any key to continue...█
```

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

```
Dany@Remote:~$ whoami
Dany
Dany@Remote:~$ █
```

- **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.**

Related Articles:

[Different types of Users in Ezeelogin](#)

[How to create sub ssh user through non-root user access](#)

[How to change mapped sub ssh group](#)

[Unmanaged SubSSH User](#)

[User identity and access management in SSH](#)