

# Access different servers with different subssh users

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

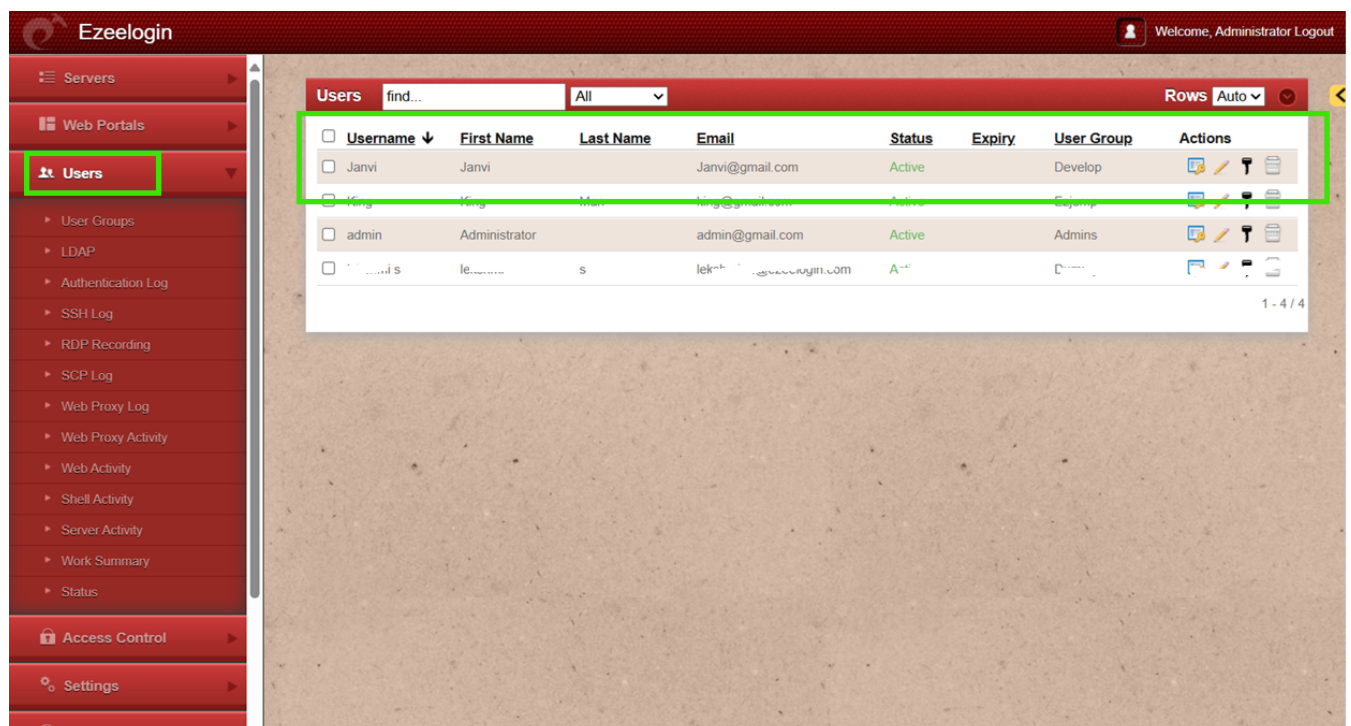
**Overview:** This article explain how to assign and map subSSH users to specific server and user groups in Ezeelogin for controlled SSH access.

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

Ezeelogin interface showing the 'Servers' section. The table lists servers with their IP addresses, server groups, and SSH ports. The 'Remote ubuntu' server is highlighted.

Name	IP Address	Server Group	SSH Port	Description	Actions
+ Remote debian	192.168.1.10	Gateway1	22		
+ Remote ubuntu	192.168.1.3	Gateway2	22		
+ Windows32	192.168.1.15	group	22		

[Add a Linux server or a Linux instance into the Ezeelogin ssh jumphost?](#)

## Step 3: Add the SubSSH users.

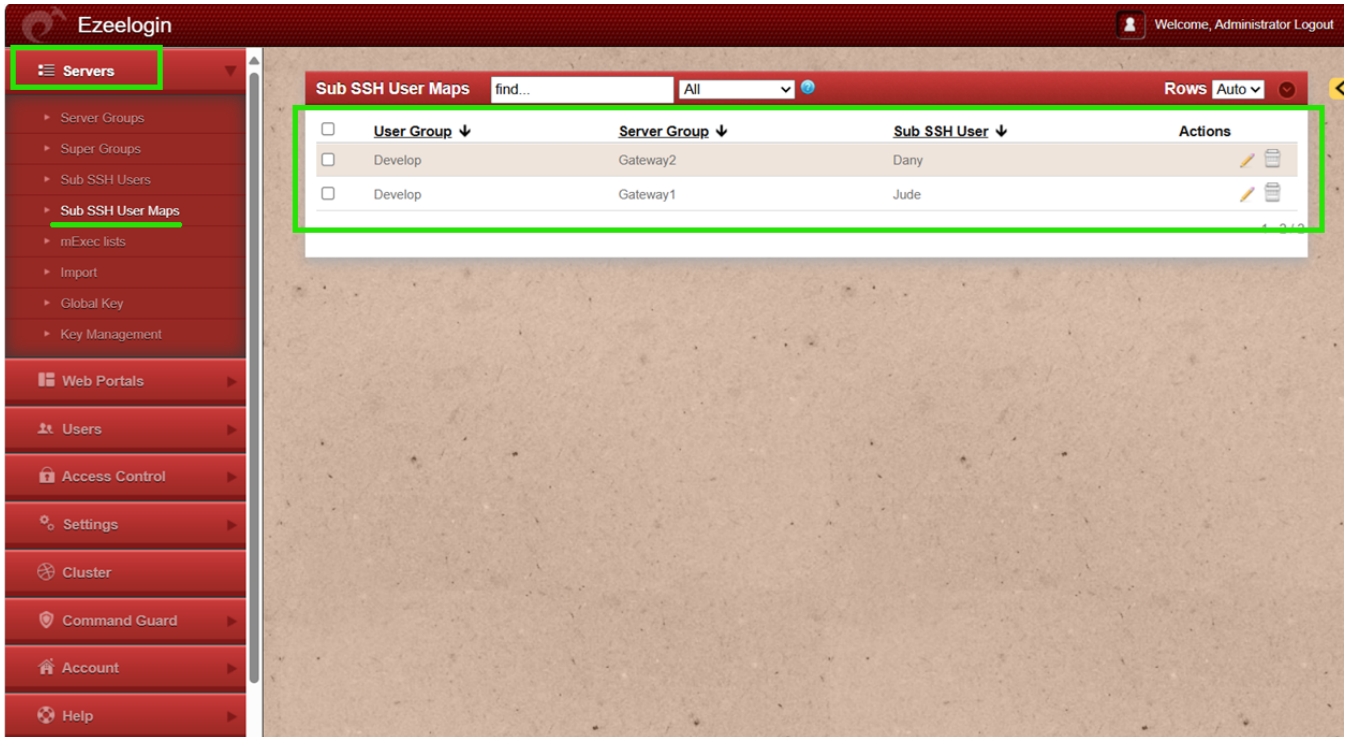
Ezeelogin interface showing the 'Sub SSH Users' section. The table lists sub-SSH users with their usernames, groups, and types. The 'Jude' and 'Dany' users are highlighted.

Username	Groups	Type	Actions
subssh		Unmanaged	
Jude	group	Managed	
Dany	group	Managed	

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 : Jfr!jRjsFQHxzH6SVUGjJd  
Actual SSH User : root  
Actual Password : root  
SSH Key : Press space to show key  
Passphrase : vuwvsfvj3J{rUvvknMK  
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:~$ 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...**█**

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.

```
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](#)

Online URL:

<https://www.ezeelogin.com/kb/article/access-different-servers-with-different-subssh-users-674.html>