

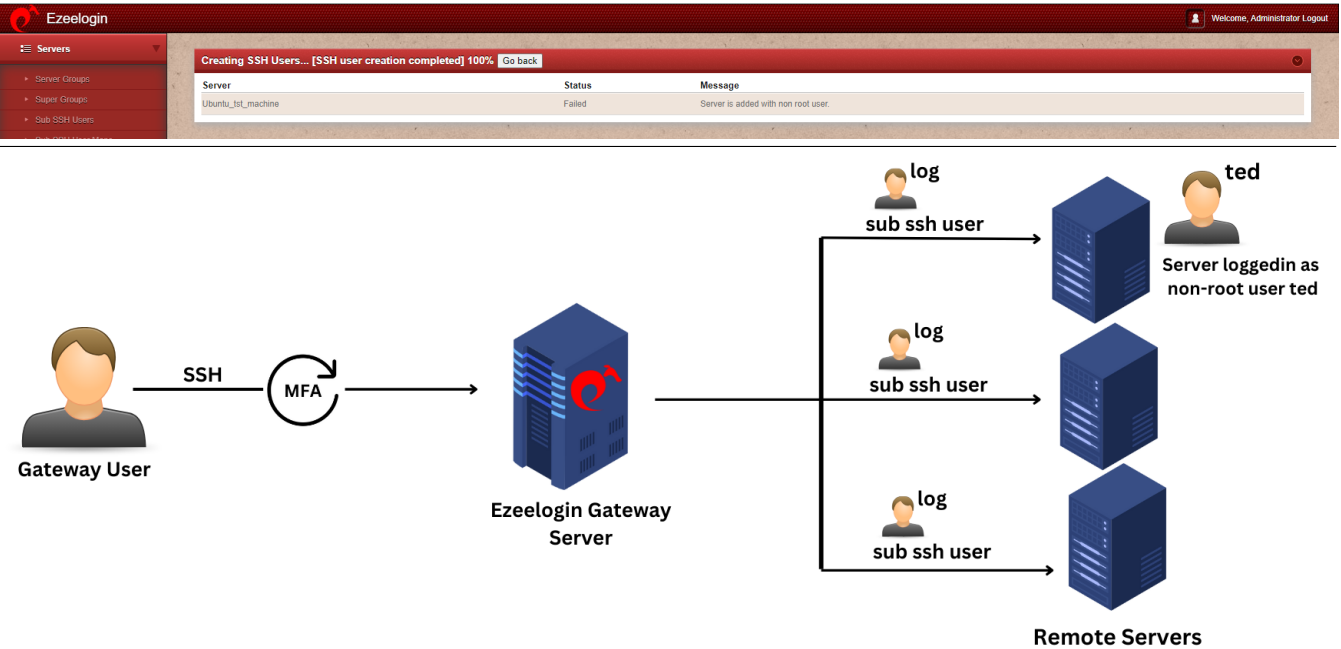
Error creating subssh user with non root user

Error creating sub ssh user with a non-root user

Overview: This article describes an error that occurs when attempting to create a sub SSH user while logged in as a non-root user.

This error commonly arises when you've initially configured your server using a non-root user and attempted to create a [sub ssh user](#) within that remote server, also using a non-root user.

The following error is received while creating a sub ssh user with a non-root user.



Follow the steps below to create a sub ssh user and try logging in with a non-root user.

Step 1: Edit the remote server and save it with the root user.

Ezeelogin Welcome, Administrator Logout

Servers

- Server Groups
- Super Groups
- Sub SSH Users
- Sub SSH User Maps
- mExec lists
- Import
- Global Key
- Key Management

Web Portals

Users

Access Control

Settings

Cluster

Command Guard

Account

Help

License

Edit Server

Hostname: rkdedil.uk.gr

SSH Private Key: [Empty]

SSH Key Passphrase: [Empty]

Password Management: keep server password

SSH Port: 22

Control Panel: -- None --

Description: [Empty]

RDP: [X]

RDP Port: 3389

IP Address(es): 192.168.0.109

SSH Password / RDP Password: [Empty]

Server Group: backup servers

SSH: enabled

Remote SSH login user / RDP login user: root

Datacenter: -- None --

Saved SSH Private Key: -- None --

Windows Domain: [Empty]

Cancel Save

Step 2: Enable root permissions in the remote server using the following step:

```
root@gateway:~# sed -i 's/#PermitRootLogin prohibit-
password/PermitRootLogin yes/' /etc/ssh/sshd_config && sudo systemctl
restart sshd
```

Step 3: Try to recreate [sub ssh user](#) 'log'

Ezeelogin Welcome, Administrator Logout

Servers

- Server Groups
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Web Portals

Users

Add Sub SSH User

Username: log

Groups: subssh

Note: In order to start using the Sub SSH User feature, a system user would be created (with bash shell, 15 char long password, 4096 Bit RSA Key) using the below usernames on all servers. The gateway users would then login via ssh into the destination servers as these system users which would be as defined in the Sub SSH User Maps. Also, it is recommended to disable password based authentication mechanism in sshd configuration on target servers as keys based authentication are more secure. Press save to continue.

Unmanaged: [X]

Cancel Save

Ezeelogin Welcome, Administrator Logout

Servers

- Server Groups
- Super Groups
- Sub SSH Users**
- Sub SSH User Maps
- mExec lists

Sub SSH Users find... All Rows Auto

Username	Groups	Type	Actions
log	subssh	Managed	[Icon]

1 - 1 / 1

Step 4: Edit the remote server and mention the non-root user and save it.

Ezeelogin Welcome, Administrator Logout

Servers

- Server Groups
- Super Groups
- Sub SSH Users
- Sub SSH User Maps
- mExec lists
- Import
- Global Key
- Key Management

Edit Server

Hostname: rkdcdil.uk.gr

SSH Private Key: [Empty]

SSH Key Passphrase: [Empty]

Password Management: keep server password

SSH Port: 22

Control Panel: -- None --

Description: [Empty]

RDP: [Disabled]

RDP Port: 3389

IP Address(es): 192.168.0.109

SSH Password / RDP Password: [Empty]

Server Group: backup servers

SSH: enabled

Remote SSH login user / RDP login user: ted

Datacenter: -- None --

Saved SSH Private Key: -- None --

Windows Domain: [Empty]

Cancel Save

Step 5: Try to log into non-remote servers using a sub ssh user.

Ezeelogin Welcome, Administrator Logout

Servers

find... All domain lookup... [Green Box]

Name	IP Address	Server Group	SSH Port	Description	Actions
+ rd.serv2	192.168.0.111	backup servers	22		[Edit] [Add] [Refresh]
+ rkdcdil.uk.gr	192.168.0.109	backup servers	22		[Edit] [Add] [Refresh]

1 - 2 / 2

```

Server details
Name      : rkdcdil.uk.gr
IP        : 192.168.0.109
SSH port  : 22
Sub SSH User : log
Password  : GBRzzzdrycW2DVCsY (wqXekEnFeBEdM)
Actual SSH User : ted
Actual Password :
SSH Key   : Press space to show key
Passphrase : nhdmPdvz3RzRzDfChrCnCH
Group     : backup servers

Press any key to continue...

SERVERS [All servers] (group) [Normal / ] (User: admin)
Start typing name to locate. ESC: Clear search, F1/+: Help, F4/!: Exit.
Menu | Ezeelogin | SSH CONNECTION ESTABLISHED

```

Creation of Subssh user fails

If the Ezeelogin gateway server has more remote servers, it will take more time to create the subssh user in all the servers. Refer below article to increase the execution time of the

script in the gateway server.

Increase script execution time in the gateway server

Related Articles:

[SSH user mapping failed](#)

[Unmanaged subssh user](#)

[Access different servers with different sub ssh users](#)

[Types of users in Ezeelogin](#)

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

Online URL:

<https://www.ezeelogin.com/kb/article/error-creating-subssh-user-with-non-root-user-684.html>