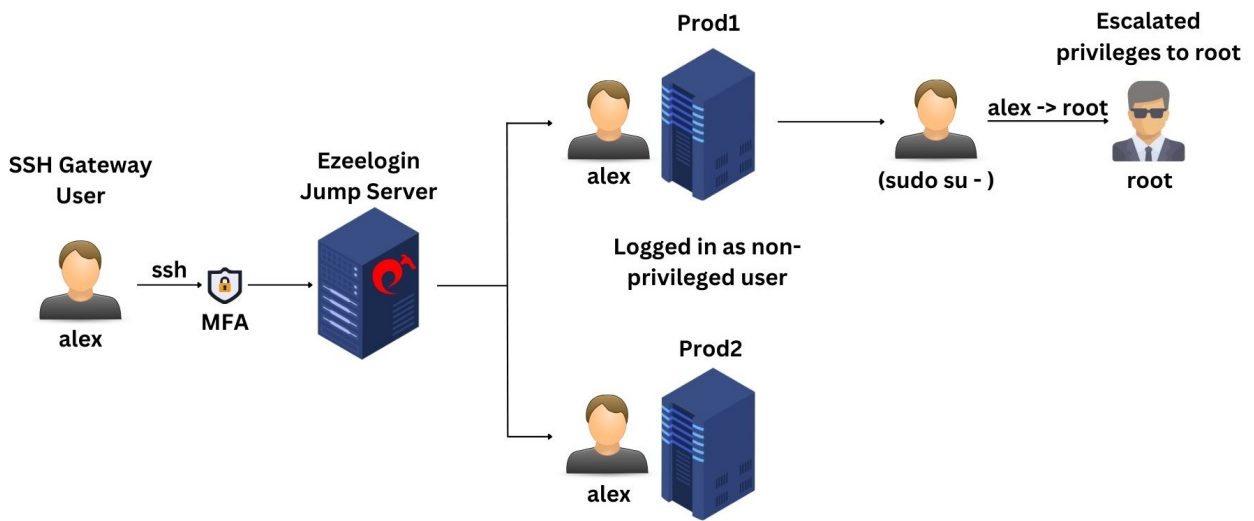


# Privileged access management in Linux

623 Nesvin KN September 29, 2023 [General](#) 2263

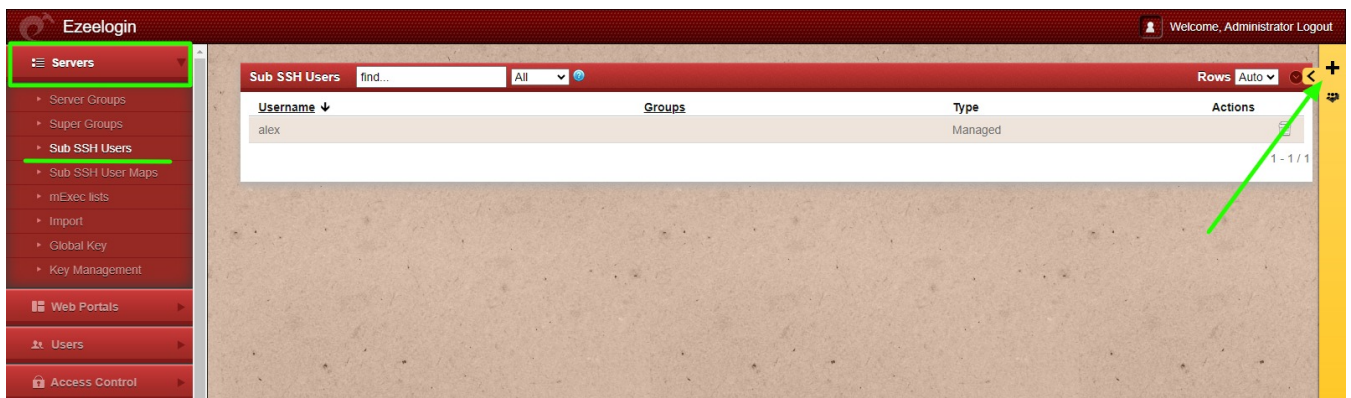
## How to login to a remote server as a non-privileged user and escalate privileges in SSH?

These two methods will allow the Ezeelogin gateway user to login to a remote server as a non-privileged user and then switch to the root user without prompting for the password.

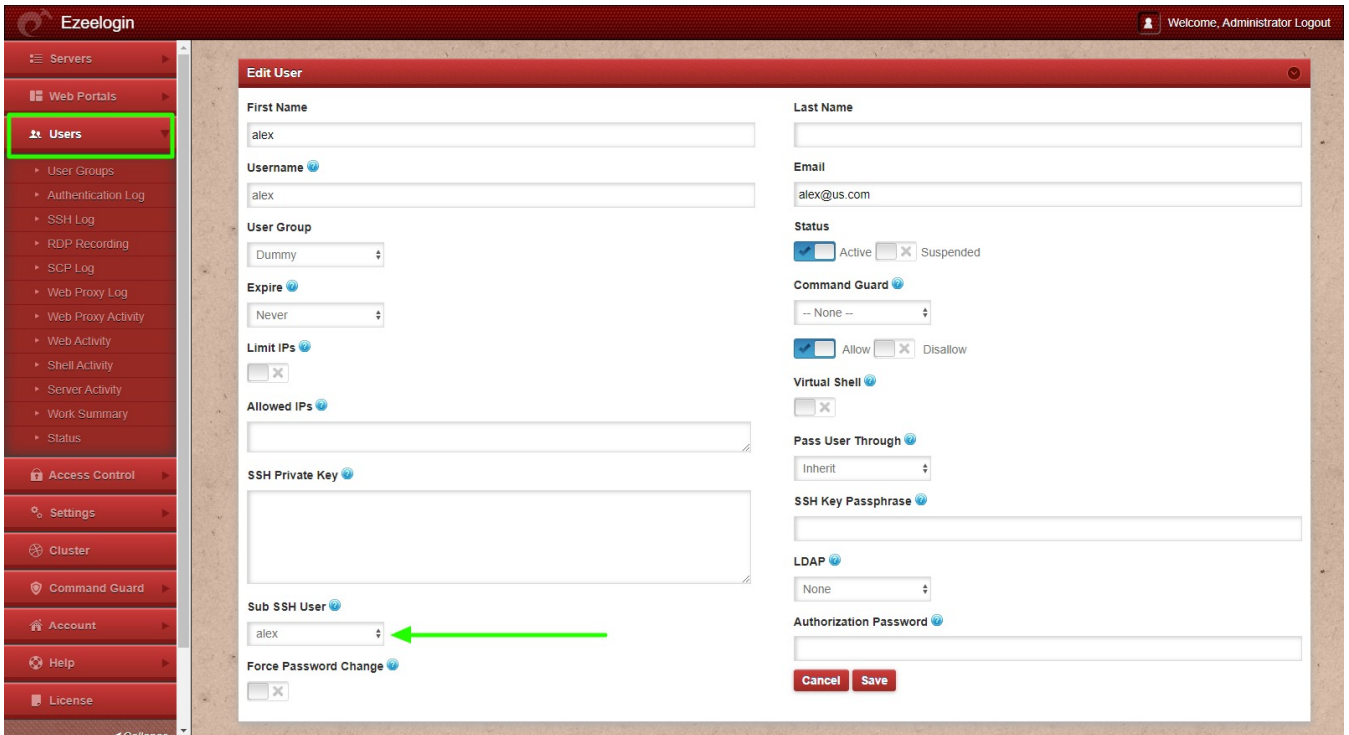


### Method 1: [SubSSH User](#)

1. Login to the Ezeelogin GUI and **create a SubSSH user**. This will create a non-privileged user on the remote servers.



2. Map the SubSSH user to the Ezeelogin gateway user.



3. Login to the remote server and add the SubSSH user to the sudoers file. This will enable the non-privileged user to switch to root without being prompted for a password.

4. Login to Ezeelogin, then access the remote server and switch to the root user.

```
alex@ubuntu22:~$
alex@ubuntu22:~$
alex@ubuntu22:~$
alex@ubuntu22:~$ sudo su -
root@ubuntu22:~#
root@ubuntu22:~#
root@ubuntu22:~# █
```

## Method 2: [Pass User Through](#)

1. Login to the remote server, **create a user with the identical username** as the gateway user, and either provide the same password or enable key authentication.

2. Edit the gateway user and change **Pass User Through** to Yes.

The screenshot shows the Ezeelogin 'Edit User' configuration page. The left sidebar contains navigation options like Servers, Web Portals, Users, Access Control, Settings, Cluster, Command Guard, Account, Help, and License. The main content area is titled 'Edit User' and contains the following fields and options:

- First Name:** tony
- Username:** tony
- User Group:** ezgroup
- Expire:** Never
- Limit IPs:**
- Allowed IPs:** (empty text area)
- SSH Private Key:** (empty text area)
- Sub SSH User:** -- Select --
- Force Password Change:**
- Last Name:** (empty text field)
- Email:** tony@ezeelogin.com
- Status:**  Active  Suspended
- Command Guard:** -- None --
- Virtual Shell:**
- Pass User Through:** Yes (indicated by a green arrow)
- SSH Key Passphrase:** (empty text area)
- LDAP:** None
- Authorization Password:** (empty text area)

At the bottom right, there are 'Cancel' and 'Save' buttons.

3. Login to the remote server and add the Pass user to the sudoers file. This will enable the non-privileged user to switch to root without being prompted for a password.

4. Login to Ezeelogin, then access the remote server and switch to the root user.

```

tony@ubuntu20:~$
tony@ubuntu20:~$
tony@ubuntu20:~$ sudo su -
root@ubuntu20:~#
root@ubuntu20:~#
root@ubuntu20:~#

```

Online URL: <https://www.ezeelogin.com/kb/article/privileged-access-management-in-linux-623.html>