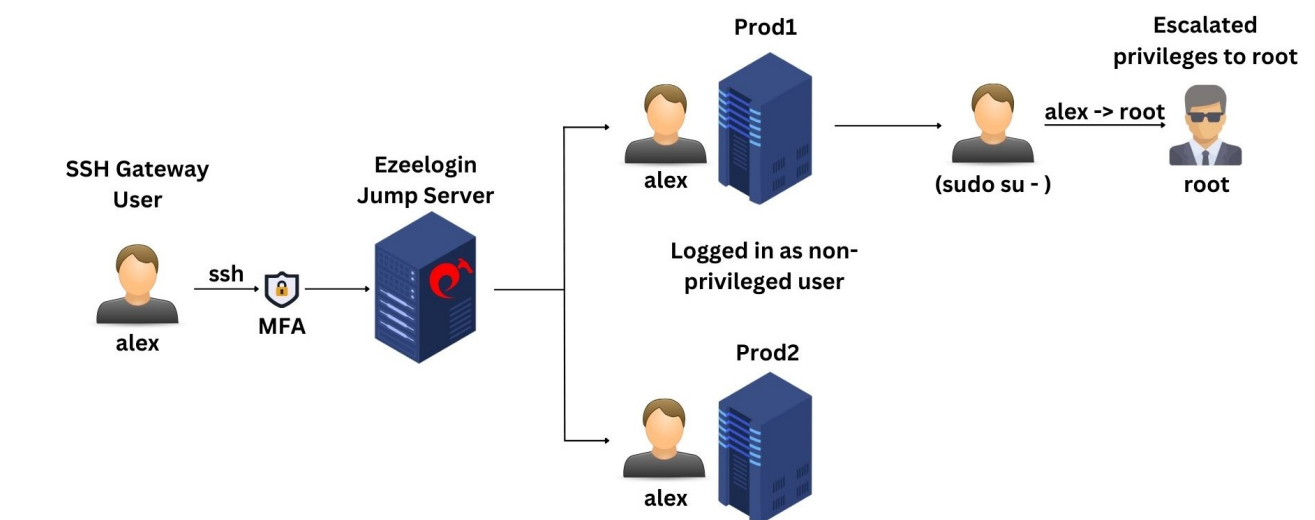


Privileged access management in Linux

623 Nesvin KN September 29, 2023 [General](#) 561

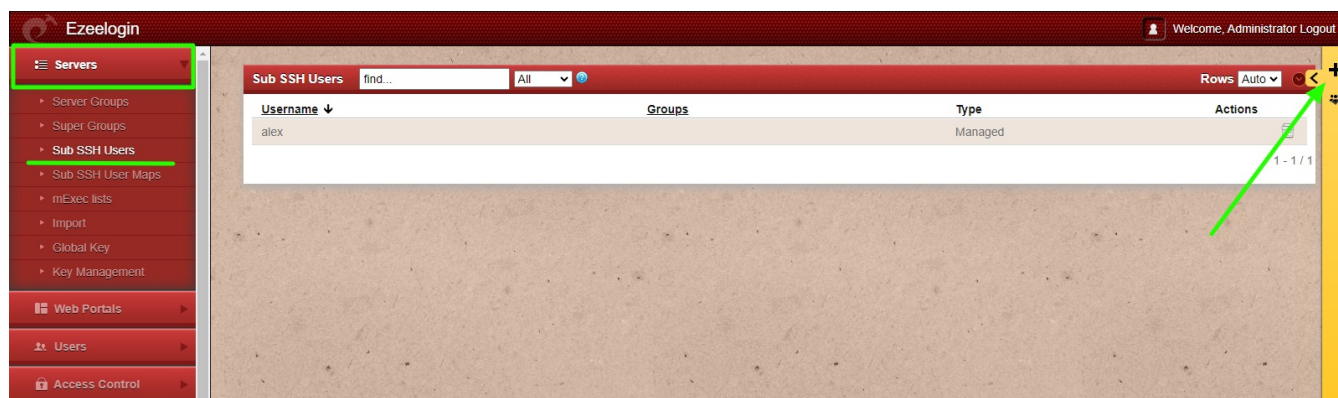
How to login to a remote server as a non-privileged user and escalate privileges in SSH?

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.

The screenshot shows the Ezeelogin 'Edit User' form. On the left, a sidebar menu has 'Users' highlighted. The main form contains fields for user details and permissions. A green arrow points to the 'Sub SSH User' dropdown, which currently shows 'alex'.

Field	Value
First Name	alex
Username	alex
User Group	Dummy
Expire	Never
Limit IPs	<input type="checkbox"/>
Allowed IPs	
SSH Private Key	
Sub SSH User	alex
Force Password Change	<input type="checkbox"/>
Last Name	
Email	alex@us.com
Status	<input checked="" type="checkbox"/> Active <input type="checkbox"/> Suspended
Command Guard	-- None --
Virtual Shell	<input checked="" type="checkbox"/> Allow <input type="checkbox"/> Disallow
Pass User Through	Inherit
SSH Key Passphrase	
LDAP	None
Authorization Password	

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**.

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>