

# How to allow the user to switch when the command guard is enabled

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## Allow the user to switch when the command guard is enabled

**Overview:** The following article describes how we can add the regular expression to switch users using the [command guard feature](#). This article presents a simple guide to incorporating regular expressions (regex) for enhanced user-switching capabilities.

This feature is available from Ezeelogin version 7.36.0. Refer to the article to [upgrade Ezeelogin to the latest version](#).

Command guard is an experimental feature (user can bypass command guard by using scripts, up arrow key, tab key, etc).

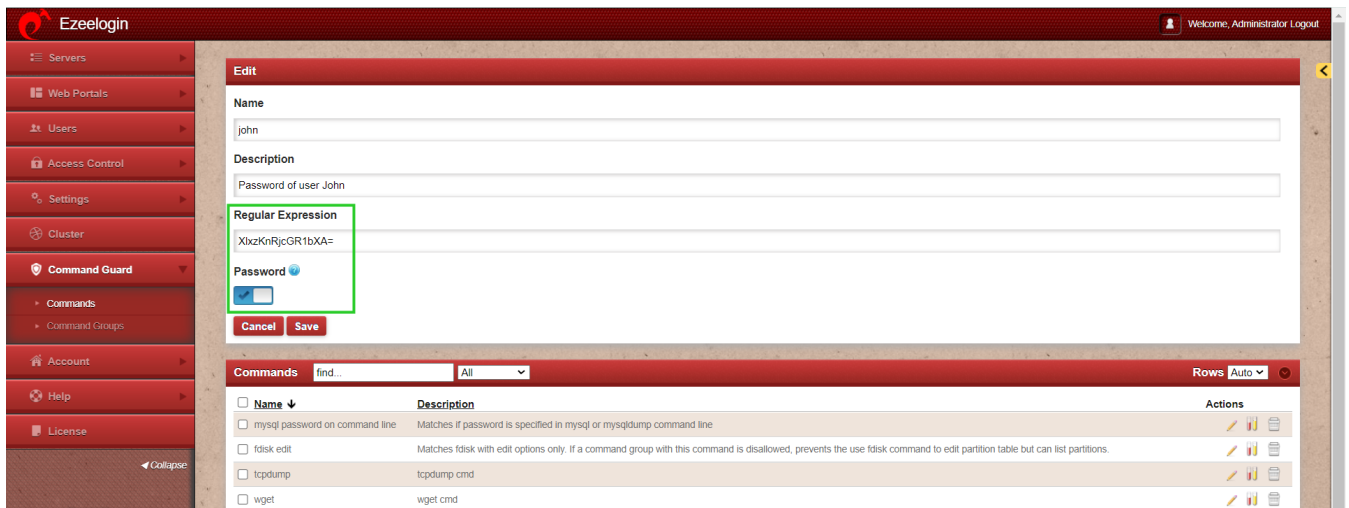
Let us look at the following example where we will configure a gateway user "tony" to switch to another user "john".

**Step 1:** Add the switch user command in the [command guard](#). The following screenshot shows how to add the regular expression for the switch user.

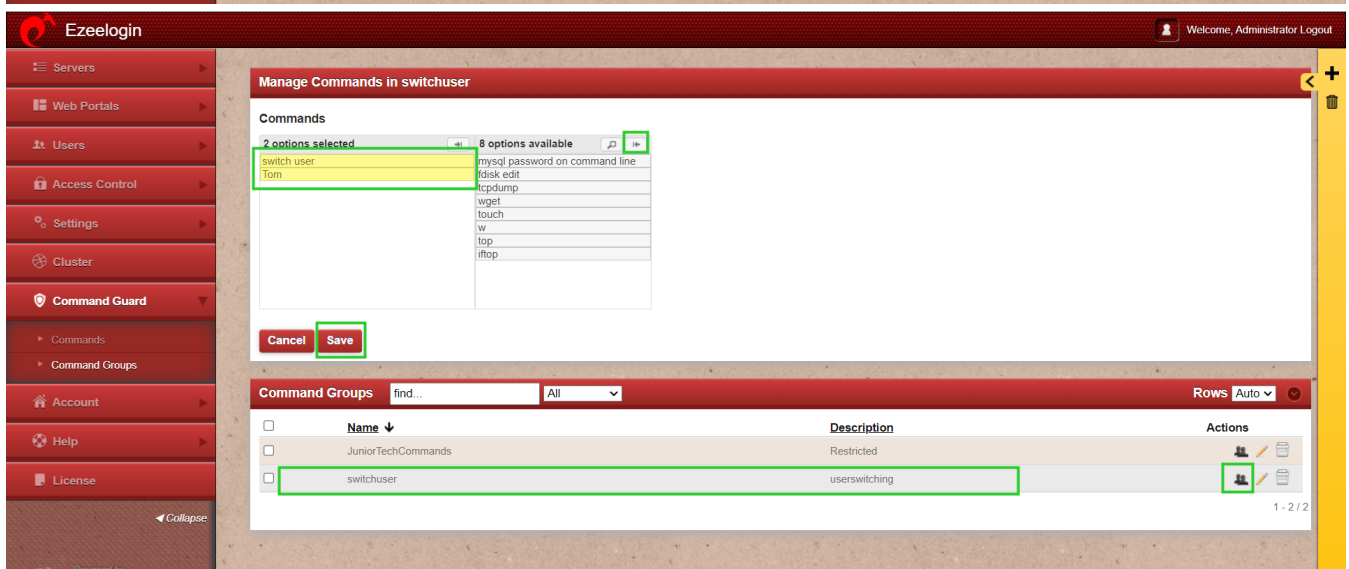
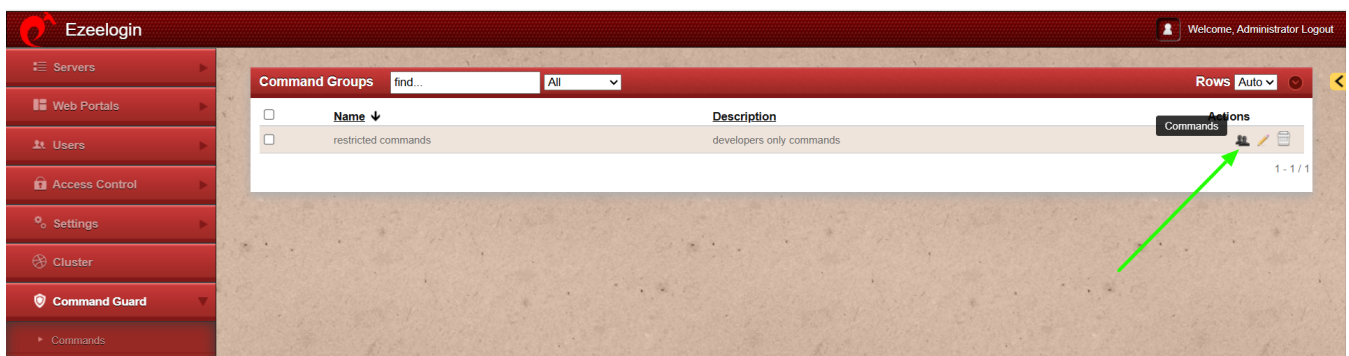
The screenshot displays the Ezeelogin web interface. On the left is a sidebar menu with options: Servers, Web Portals, Users, Access Control, Settings, Cluster, Command Guard (highlighted), Commands (highlighted), Command Groups, Account, Help, and License. The main content area shows the 'Add' form for a new command guard rule. The form has three input fields: 'Name' (containing 'switch user'), 'Description' (containing 'switch user cmd'), and 'Regular Expression' (containing 'su -'). Below these is a 'Password' section with a checkbox and a 'Cancel' button. At the bottom of the form are 'Cancel' and 'Save' buttons. Below the form is a table titled 'Commands' with a search bar and a dropdown menu. The table has columns for 'Name', 'Description', and 'Actions'. It lists several commands: 'mysql password on command line', 'fdisk edit', 'tcpdump', 'wget', 'touch', 'w', and 'top'. Each row has a checkbox in the 'Name' column and icons in the 'Actions' column.

Name	Description	Actions
<input type="checkbox"/> mysql password on command line	Matches if password is specified in mysql or mysqldump command line	
<input type="checkbox"/> fdisk edit	Matches fdisk with edit options only. If a command group with this command is disallowed, prevents the use fdisk command to edit partition table but can list partitions.	
<input type="checkbox"/> tcpdump	tcpdump cmd	
<input type="checkbox"/> wget	wget cmd	
<input type="checkbox"/> touch	touch cmd	
<input type="checkbox"/> w	w cmd	
<input type="checkbox"/> top	top cmd	

**Step 2:** Add another regular expression for the user's password in the regular expression field, then enable the password option to save it with hashing.



**Step 3:** Create [command group](#) called “Switchuser” and assign the cmds “switch user” and ‘password of the user’ to the group. Navigate to **command guard group** -> click on the **commands** icon and select **all commands** that need to be added to the group.



**Step 4:** Edit the user, select the command guard group from the dropdown, and enable “**allow**” to allow those commands for that user.

**Ezeelogin** Welcome, Administrator Logout

**Servers**

**Web Portals**

**Users**

- User Groups
- Authentication Log
- SSH Log
- RDP Recording
- SCP Log
- Web Proxy Log
- Web Proxy Activity
- Web Activity
- Shell Activity
- Server Activity
- Work Summary
- Status

**Access Control**

**Settings**

**Cluster**

**Command Guard**

**Account**

**Help**

**Edit User**

First Name: tony

Username: tony

User Group: Admins

Expire: Never

Limit IPs: ☐

Allowed IPs:

SSH Private Key:

Sub SSH User: -- Select --

Force Password Change: ☐

Last Name: f

Email: tony@email.com

Status: ☒ Active ☐ Suspended

Command Guard: switchuser ☒ Allow ☐ Disallow

Virtual Shell: ☐

Pass User Through: Inherit

SSH Key Passphrase:

LDAP: None

Prompt Reason: ☐

Authorization Password:

**Step 5:** Login to the ezsh (Ezeelogin shell) as the same user, type in **su - username** to switch user, and provide the correct password when prompted. Refer to the below example.

```

Ez: ubuntu.server
tony@ubuntu22:~$
tony@ubuntu22:~$ date <-- Sorry, this command is not allowed!^C
tony@ubuntu22:~$
tony@ubuntu22:~$ su - john
Password:
john@ubuntu22:~$
john@ubuntu22:~$
john@ubuntu22:~$ █

```

## Related Articles:

[Assign command guard groups for users or user groups](#)

[How to restrict commands for gateway users on remote servers?](#)

Online URL:

<https://www.ezeelogin.com/kb/article/how-to-allow-the-user-to-switch-when-the-command-guard-is-enabled-713.html>