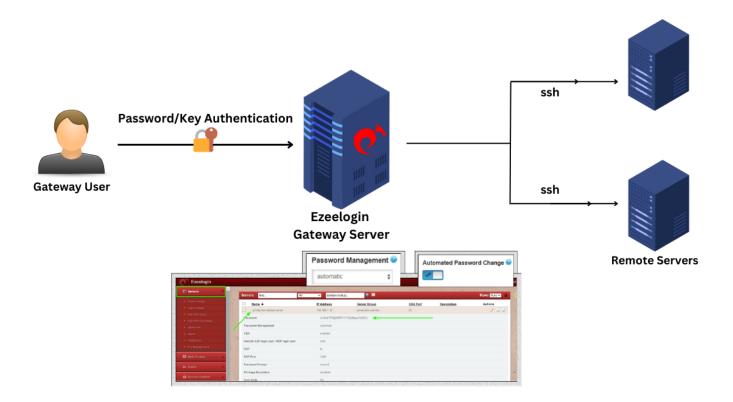
How to set up a periodic root password reset cronjob on servers?

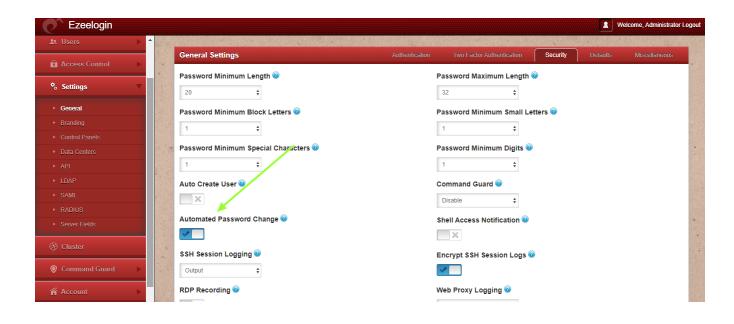
Overview: This article provides instructions for periodically resetting/rotate root passwords on servers, enabling automated password changes, and manually resetting passwords via the web GUI and shell.

Password rotation in SSH is an important security practice that helps mitigate the risk of unauthorized access due to compromised credentials. Here's how to implement password rotation for SSH.



1. How to enable automated password change for all servers?

Step 1(A): In order to automatically reset the password on all servers, navigate to Settings - > Security - > Enable Automated Password Change.



2. How to view the updated password of the server from Ezeelogin GUI and shell (ezsh)?

Step 2(A): Login to Ezeelogin GUI, navigate to Servers -> + icon to view the server details.

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Servers	Servers find	All 🗸 domain lool	kup 📀 🖻			Rows Auto -
	□ Name ↓	IP Address	Server Group	SSH Port	Description	Actions
	- production.debian.server	192.168.1.12	production servers	22		/
	Password	xUBuk7P9@IQPF	/hY7Qk)Bgau7dGQU.		-	
	Password Management	automatic				
	SSH	enabled				
	Remote SSH login user / RDP log	in user root				
Key Management	RDP	Ν				
Web Portals	RDP Port	3389				
t Users	Password Prompt	ssword:				
	Privilege Escalation	disabled				
Access Control	Host Node	No				
6 Settings	Use DNS	Inherit				
Cluster	CP Use DNS	Inherit				

Step 2(B): Login to Ezeelogin backend (ezsh), navigate to any server using the up and down arrow keys and lick on the tab key to <u>view server details</u>.

	<u>Server details</u>	
Name IP SSH port SSH User Password Group		<pre>: production.debian.server : 192.168.1.12 : 22 : root : xUBuk7P9@!QPF/hY7Qk)Bgau7dGQU. : production servers</pre>

Make sure to keep the password management option to "Automatic" for password reset to work.

3. How to Set Up Periodic Password Resets/Password rotation

To set up a periodic password reset using cron jobs, you can schedule the script to run daily, weekly, or monthly based on your requirements. Here's how to add those cron jobs to your server.

Below are examples of how to set up the cron job for daily, weekly, and monthly resets. Add the following lines to your crontab:

Daily Reset (at 1 AM every day):

```
0 1 * * * php /usr/local/ezlogin/mass_passwd_reset.php
```

Weekly Reset (at 1 AM every Sunday):

0 1 * * 0 php /usr/local/ezlogin/mass_passwd_reset.php

Monthly Reset (at 1 AM on the 1st of every month):

0 1 1 * * php /usr/local/ezlogin/mass_passwd_reset.php

Verify Cron Jobs: You can list your cron jobs to verify that they were added correctly:

root@gateway:~# crontab -1

This way, you can ensure periodic root password resets by enabling automated changes in Ezeelogin, verifying through the GUI or shell, and configuring the cronjob with the specified entry for seamless automation.

4. How to reset the password on selected servers?

Step 3(A): Login to Ezeelogin GUI, select the server -> click on the arrow button on the topright corner -> **Reset password on selected servers.**

Servers V	Servers find	All 🗸	domain lookup 🥥 🖆		Rows Auto 🗸
Server Groups	□ <u>Name</u> ↓	IP Address	Server Group	SSH Port	Description Actions
Super Groups	+ production.centos.server	192.168.43.7	production windows servers	22	1.
Sub SSH Users	+ production.debian.server	192.168.1.12	production servers	22	1.
Sub SSH User Maps	production.ubuntu.server	192.168.43.201	production servers	22	/
mExec lists	-				1
Import					Reset password on selected se
Global Key					Reset password on selected se
Key Management		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
Web Portals	and the state of the state of the				
	and the second second				
Users 🕨					
Access Control					

3. How to reset passwords on all servers?

Step 3(A): Keep the password management "Automatic" on all servers for reset password to work.

Ezeelogin		Welcome, Administrator Logi
🗄 Servers 🔻 🗖	Edit Server	
Server Groups Super Groups	Hostname	IP Address(es) 🥹
 Sub SSH Users 	production.debian.server	192.168.1.12
▶ Sub SSH User Maps	SSH Private Key 🕝	SSH Password / RDP Password
mExec lists Import		*******
 Import Global Key 	SSH Key Passphrase @	Clear 🚇
 Key Management 		Server Group
■ Web Portals	Password Management 2	production servers 🛊
tt Users ►	automatic 🛊 <	SSH
	SSH Port	enabled 🛟
Access Control	22	Remote SSH login user / RDP login user
[©] ₀ Settings ►	Control Panel @	root
🛞 Cluster	None 🗘	Datacenter 🥹

Step 3(B): Click on Reset password on all servers to reset passwords on all servers.

Servers 🔻					Nº CONTRACTOR	
	Servers find	All 🗸	domain lookup 🥥 🛙			Rows Auto -
Server Groups	□ <u>Name</u> ↓	IP Address	Server Group	SSH Port	Description	Actions
Super Groups	+ production.centos.server	192.168.43.7	production windows servers	22		/
Sub SSH Users	+ production.debian.server	192.168.1.12	production servers	22		/
Sub SSH User Maps	+ production.ubuntu.server	192.168.43.201	production servers	22		/
mExec lists						1-3
Import	-					1-3
Global Key	a the second				the the second second	
Key Management			· · · · · · · · · · · · · · · · · · ·		Re	eset password on all serve
Web Portals	The Standard . 1					/
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Users 🕨				and the second		
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Related Articles:

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Credential History in Ezeelogin

How to view the remote server password from the ezeelogin jump server?

Online URL:

https://www.ezeelogin.com/kb/article/cron-for-changing-root-passwords-on-servers-periodically-76.html