Add server with private key stored in database with API

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How to add and update server with the private key stored in the database using API?

Overview: This article explains how to add and update a server via API using a private key stored in the database.

1. Add server via API with the private key stored in the database.

Step 1(A): Login to web GUI, navigate to **Key Management** -> **Add new private key** and **passphrase**(if the key was generated with passphrase). Refer to below screenshot.

Ezeelogin		Welcome, Administrator Logou
E Servers	Add SSH Private Key	
Server Groups		
 Super Groups 	Name 🤡	
► Sub SSH Users	ubuntu_private_key	
 Sub SSH User Maps 	SSH Private Key <	
 mExec lists 	DBH0qgxiDZKyAGpbpEwfdopa4xeeJ2PcjBnyajbhzGn3nG+fAhF++1TC4/ <u>eNCQuz</u>	
► Import	Hl8poOvpLVfQd81o5hsgx19QzI1bMacwKLjBm42EW3tI8DzoF3bQm7HoYF8C8N4e aXv5KEOltx4L0ACAaz+wuGe92JKZB+fuk1RfC2kSi0Prk6PjIQKBwQCUwKiTFyrN	
 Global Key 	DnjowyM6odXXZn64tFHLmupvqcQzIDDw0aBxB1kc1bkXD4IrYQVwxagTatAwJymu Zn8sNXS6tvVX/ <u>Nt</u> /6wQzloV/q149nJAjIcJ3dBhAhnwucyd+vdSSRp6/m1hFoIGn	
Key Management	mVlmob7z1BerUQAVPcWktQrQG79bnwA07aKN5EVXiVa5Byj3EhYowLek4GuEk3Q9 9kCb86f/814zZFX79A6LQK7KAoDwiy1+wR+bQQ7nFiWn1dbABoKn8mg= EDM DSA PRIVATE KEY	
🖬 Web Portals 🔹 🕨	SSH Key Passphrase	
±t Users ►		
Access Control	Cancel Save	
[©] ₀ Settings ►		
🛞 Cluster		
Command Guard		
Account		
🛇 Help 🕞 🕞		
License		

Step 1(B): Log in to the gateway server and add the server via <u>API</u> using the key stored in the database. Use the key name from the GUI followed by **db_ssh_key**.

For Help root@gateway ~]# php /usr/local/ezlogin/ezwapi.php -help add_server Usage: ezwapi.php add_server -api_url <API URL> -secret <API secret> -name <hostname> -password <password> -ip_address <IP address> -group <group> [-ssh_port <port>] [-rdp_port <port>] [-ssh_user <username>] [-keep_password <Y/N/S>] [-enable_ssh <Y/N/H>] [-cp <control panel>]

-api url : The API URL -secret : The API secret configured in web panel settings -name : The server host name -description : A description for the server -password : The server password (optional) -ssh_key : The SSH private key file (optional) -passphrase : The SSH key pass phrase (optional) -db_ssh_key : The name of SSH private key saved in Ezeelogin (optional) -ip_address : The server IP address -ssh_port : The server SSH port (optional, use default if unspecified) -ssh_user : The server SSH user -switch_user : Switch to this user after login as SSH user (optional) -switch_pass : Password for switch user (optional) -switch_sudo : Y or N or E to escalate privilege with 'sudo su' or 'enable' (for Cisco devices) (optional, default: N = disabled) -prompt1 : Unique string in shell prompt of SSH user (optional) -prompt2 : Unique string in password prompt for su or sudo (optional, default: Password:) -prompt3 : Unique string in shell prompt of root user (optional, required for sudo) -rdp_port : The server RDP port (optional, use default if unspecified) -group : The server group name -keep_password : Y (keep given password), N (automatic) or S (keep server password as such - no verification) (optional, default: Y) -enable_ssh : Y, N or H to enable/disable/via Host Node (optional, default: N) -ishn : Y or N to make this a Host Node or not (optional, default: N) -onhost : The name of Host Node (optional) -cp : The control panel name (optional, use default if unspecified) -dc : The datacenter name (optional, use default if unspecified) -rc_host : The remote console host (optional) -rc_user : The remote console user (optional) -rc_pass : The remote console password (optional)

Example

root@gateway ~]# php /usr/local/ezlogin/ezwapi.php add_server -api_url http://192.168.1.35/ezlogin -secret 'Admin!2345' -name Production.server -description ubuntu.server -ssh_user root -ip_address 192.168.1.37 -group devops -enable_ssh Y -keep_password S -db_ssh_key ubuntu_private_key 200: {"status":"success","data":"Added"} Refer detailed article for add/update/delete server using API.

Step 1(C): Login to web GUI and click on the view icon to see the name of the private key. Refer to below screenshot.

Ezeelogin						Welcome, Administrator Logout
t≣ Servers ▼	Servers	All v domain loo	kup			Rows Auto V
 Server Groups 	Name y	IP Address	Server Group	SSH Port	Description	Actions
Super Groups			our or or oup		Decemption	
 Sub SSH Users 	+ Cpanel/WHM server	192.168.1.42	test	22		Ū Ū
 Sub SSH User Maps 	- Production.server	192.168.1.35	devops	22	ubuntu.server	/ 👞 🕢
 mExec lists 	Saved SSH Private Key	ubuntu_private_k	ey			
► Import	Password Management	keep server pass	word			
 Global Key 	H22	anabled				
 Key Management 	Pamota SSH / PDP Login Uppr	root				i
🖬 Web Portals 🕨 🕨	RDP	N				
⊥ Users ►	RDP Port	3389				
Access Control	Privilege Escalation	disabled				
	Host Node	No				
Settings ►	Use DNS	Inherit				
🛞 Cluster	CP Use DNS	Inherit				
Command Guard	Ignore Sub SSH User	Ν				
Account	IPMI Port	80				
Account	Request Method	POST				
🛇 Help 🕨 🕨	Protocol	https				
License	Auth Type: Basic	N				

2. Update server via API with the private key stored in the database.

Step 2(A): Login to web GUI, navigate to Key Management -> Add new private key and passphrase(if the key was generated with passphrase). Refer to below screenshot.

Ezeelogin	Welcome, Administrator Logout
t≣ Servers ▼	Add SSH Private Key
 Server Groups 	
Super Groups Sub SSH Users	new_ssh_private_key
 Sub SSH User Maps 	SSH Private Key
mExec lists Import	AMougd/ol7nt6/AAAADHJvb3RAZGVza3RvcAECAwQEBg==
► Global Key	SSH Key Passphrase
Key Management	
Web Portals	Cancel Save
tu Users ►	

Step 2(B): Login to the gateway server and update the server via API using the new key stored in the database. Use the new key name from the GUI followed by -db_ssh_key

For Help root@gateway ~]# php /usr/local/ezlogin/ezwapi.php -help update_server Usage:

ezwapi.php update_server -api_url <API URL> -secret <API secret> -name <hostname> [-newname <new hostname>] [-password <password>] [-ip_address <IP address>] [-ssh_port <port>] [-rdp_port <port>] [-ssh user <username>] [-group <group>] [-keep_password <Y/N/S>] [-enable_ssh <Y/N>] [-cp <control panel>] -api_url : The API URL -secret : The API secret configured in web panel settings -name : The server host name -newname : The new host name (optional) -description : A description for the server -password : The server password (optional) -ssh_key : The SSH private key file (optional) -passphrase : The SSH key pass phrase (optional) -db_ssh_key : The name of SSH private key saved in Ezeelogin (optional) -ip_address : The server IP address (optional) -ssh_port : The server SSH port (optional) -ssh_user : The server SSH user (optional) -switch_user : Switch to this user after login as SSH user (optional) -switch_pass : Password for switch user (optional) -switch_sudo : Y or N or E to escalate privilege with 'sudo su' or 'enable' (for Cisco devices) (optional, default: N = disabled) -prompt1 : Unique string in shell prompt of SSH user (optional) -prompt2 : Unique string in password prompt for su or sudo (optional) -prompt3 : Unique string in shell prompt of root user (optional, required for sudo) -rdp_port : The server RDP port (optional, use default if unspecified) -group : The server group name -keep_password : Y (keep given password), N (automatic) or S (keep server password as such - no verification) (optional) -enable_ssh : Y, N or H to enable/disable/via Host Node (optional) -ishn : Y or N to make this a Host Node or not (optional) -onhost : The name of Host Node (optional) -cp : The control panel name (optional) -dc : The datacenter name (optional) -rc host : The remote console host (optional) -rc_user : The remote console user (optional) -rc_pass : The remote console password (optional)

Example

root@gateway ~]# php /usr/local/ezlogin/ezwapi.php **update_server**

```
-api_url http://192.168.1.35/ezlogin -secret 'Admin!2345' -name
Production.server -description developing server -ip_address
192.168.1.37 -group devops -ssh_port 22 -newname db.noc.com
-db_ssh_key new_ssh_private_key
200: {"status":"success","data":"Saved"}
```

Step 2(C): Login to web GUI and click on the view icon to see the updated server with the new private key. Refer below screenshot.

Ezeelogin						Welcome, Administrato	
E Servers	Servers	All v domain lo	okup 🎯 🖾			Rows Auto V	
 Server Groups 	Name ¥	IP Address	Server Group	SSH Port	Description	Actions	
 Super Groups 	Coopel/MHM server	102 168 1 42	tert	22		/ 😼 🗔 🗔	
 Sub SSH Users 	- Opencerver in server	192.108.1.42	test	22		0	
 Sub SSH User Maps 	+ RDP	192.168.1.44	test	22		/	
 mExec lists 	db.noc.com	192.168.1.37	devops	22	developing	/ 🖬 🖬 🕄	
► Import	aved SSH Private Key	new ssh privat	e kev				
 Global Key 		saved san Private Key Inew_ssil_stivate_key					
 Key Management 	Password Management	Password Management keep server password					
Web Portals	SSH	SSH enabled					
	Remote SSH / RDP Login User	root					
上t Users ►	RDP	Ν					
Access Control	RDP Port	3389					
✿ Settings ►	Privilege Escalation	disabled					
	Host Node	No					
Cluster	Use DNS	Inherit					
Command Guard	CP Use DNS	Inherit					
😭 Account 🛛 🕨	Ignore Sub SSH User	Ν					
@	IPMI Port	80					
👽 Неір 🔹 🕨	Request Method	POST					
License	Protocol	https					

Related Articles:

Add/Update/Delete servers using API

Is it possible to add a user using API?

Error: Wrong passphrase or corrupted key

Online URL:

https://www.ezeelogin.com/kb/article/add-server-with-private-key-stored-in-database-with-api-551.html