# Add a server using ssh key pair in ezeelogin

259 Manu Chacko October 23, 2024 <u>Productivity & Efficiency Features</u>, <u>Tweaks &</u> <u>Configuration</u> 9286

## How to add a server using ssh key pair in Ezeelogin?

**Overview:** This article guides gateway users through the process of adding a remote server to a jump server (gateway server) using an SSH key pair. It also explains how to add a gateway server using Ezeelogin's global key, enabling users to add a remote server without needing to enter a password.



#### 1. How to add a Linux server using private keys?

Step 1(A): Create a ssh key pair on the server using the below command:

root@remote\_server:~# ssh-keygen

Generating public/private rsa key pair.

Enter file in which to save the key (/root/.ssh/id\_rsa): /root/.ssh/id\_rsa already exists. Overwrite (y/n)? y Enter passphrase (empty for no passphrase): Enter same passphrase again: Your identification has been saved in /root/.ssh/id\_rsa. Your public key has been saved in /root/.ssh/id\_rsa.pub. The key fingerprint is: SHA256:eUKBEdUIDVzQgCKT3QHBVwHHCH0IjWa8cDdNkRBrvZM root@ipa.server.com The key's randomart image is: ----[RSA 2048]-----=B#B/@%o | = @ @=B.o | B = 0..0.0 SE I 0. | -[SHA256]-----

Now, the **public key** has been saved in the file **/root/.ssh/id\_rsa.pub** and **private key** in **/root/.ssh/id\_rsa.** 

You can skip step 1(A) if you already have your own SSH key pair.

Step 1(B): Click on the servers tab and then click on add server on the right.

Ezeelogin									Welcome, Administrator Logout
t≣ Servers	<b>•</b>	Servers	s find	All	domain lookup		A Contraction of the second		Rows Auto V
	are N		<u>Name</u> ↓	IP Address	Server Group		SSH Port	Description	Actions
						No item			

Step 1(C): Fill in the details of the server to be added. Copy the private from /root/.ssh/id\_rsa and paste the entire private key into the SSH Private Key field without

providing the password. Also, provide the exact SSH Key passphrase used during the key generation (leave blank if no passphrase was used).

Ezeelogin				Welcome, Administrator	Logout	Â
t≣ Servers ▼		Edit Server				
<ul> <li>Server Groups</li> </ul>	×	Hostname		IP Address(es) 💿		
<ul> <li>Super Groups</li> </ul>		admodservers.eznoc.com		192.168.0.110		
<ul> <li>Sub SSH Users</li> </ul>		Remote SSH / RDP Login User		l. li		
<ul> <li>Sub SSH User Maps</li> </ul>	10.3	root	-	SSH / RDP Password	25	
<ul> <li>mExec lists</li> </ul>		loot	_			
► Import	1.0	SSH Private Key 🤷		SSH Key Passphrase 😨		
<ul> <li>Global Key</li> </ul>		cvB/rB+nScFabjEp64ikXtMYkw4+yw90xtqhgSFY7C4GbGzcvWmjfVyGN7fSU0QRL4ahCx BY6v11Tx13mraSRDMc6phTBr7v58mRSw0AME6Q0/3Xcm1utatI7TU16TBLvcDtvBvKTXn	•			
<ul> <li>Key Management</li> </ul>		63mUPIp3wbhzBnXChzgMzpQZq6M7+Ej+ka0M+ArqH9BDzFXsFWLA2/UCYFjeGU5aEAVTh0				
🖬 Web Portals 🔹 🕨		mobile_s_section_clfykgbl/sublogdcafbbelkl/ggdVrlfae8cs/srrgpk4k6DawGh7Al2bc4 ybush5mm/clfykgbl/sublogdcafbbelkl/ggdVrlfae8c5srrgpk4k6DawGh7Al2bc4 ybush7RRt29fc4bbl/sbc2FbC2kheQfCAwQFBg=+ EBO DeFESSH PRIVAE KEY	* [e	ssH enabled \$		
±t Users ►		SSH Port		Server Group		
Access Control	1 - 4 - 5	22		Openvznodes \$		
⁰₀ Settings ►		Password Management		RDP 😡		
🛞 Cluster		RDP Port		Datacenter 🥪		
Command Guard	-	3389		None 🛊		
😭 Account 🔹 🕨	*	Windows Domain 🥥		First Prompt 🥥	10	
🛇 Help 🕨 🕨						
License		- None - +		- None +		
<ul> <li>✓ Collapse</li> <li>Provided by</li> </ul>		Description		Cancel Save		

While adding private key make sure to add the entire key including "**BEGIN RSA PRIVATE KEY**" and "**END RSA PRIVATE KEY**". Even a missing "-" could result in corrupted key.

Step 1(D): Copy the public key from /root/.ssh/id\_rsa.pub and paste it inside the authorized\_keys file of the user in the remote server.

root@remote\_server:~# vi /root/.ssh/authorized\_keys

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAACAQCzCOoNRS9t6Eg86XMmnH9V8irlmDQn+G1x +d41aIEwrgllgrfCHe1QwJeTUhME7SnarbjmVLQfYuSVLpb0BtFoqdHQXY/Kp6yuyuJWsRntiPzH5Y uVhN0zaITdmnmALTLip9A9hi+pbMy51tDAwJCJPJjvf51VW313ddG9lxmWbzHTHbIQHwV0TPFP8 lj2BDDCSL5nw+2QiQ+R36GI8YVpn0aB1RqRMCPyE+lWJOsvfRs+SvUawkbUgTCg9nhEBPb/Xj1I NtZnU6A0J2T6mk5tsMb70pEvDWbd6QPpwhOo/3UT5vk5Qt4Q+RBKyheS6jP7lhlpfG9cwtqYRmZ3n 74f8qnmwiRCVppiRmSW6YepM0/KoL1byk7RVbaiYWxQZJwdiH/Xfda/nGji6cb0mrsBxKV7QXpF/k stlMQ7zT5HoEGXRYRN4rll+ekCFnpFkCjZ75ss+hOwrmd1iW9luiGdHiV3aQaGTMxWqD48OXXZu oAeC6NVE5LEiqRbOn4W3KPDky4b490UedMhpRdhVXm+Ow3GQJgCPOGqbPP2Huftxn5ZIm3XG fW85J4SsChQ+b3jrxeZF5h/e+nrYWqoTbPxH7DCWVRoI1lu174eBkdUR5oJc4C5v5qTbyzqNE6WK3 jsgcazfK32eabCyKfH2AeKAGZM1o4Zn3MozmGFKfNrw

**Step 1(E):** Login to Ezeelogin backend(ezsh) or click on the '<u>Open Web SSH Console</u>' icon to SSH via the browser and access the remote servers as the gateway user.

ssh -p <port\_number> <gateway\_user>@<gateway\_ip>

Example: ssh ezadmin@192.168.0.110

P Ez: Groups		_	٥	
linux servers	linux srv grp			
*Openvznodes	nodes mj grp			
SolusVM Masters GRP	SolusVM Masters Group			
SPsysnetProductionLinux	linux server grp			

Step 1(F): Click on the 'Open Web SSH Console' icon to SSH via the browser.

Ezeelogin							Welcome, Administrator Lo
:≣ Servers ▼	•						and the second second
	S	ervers find	All				Rows Auto 🛩 💿
		Name ↓	IP Address	Server Group	SSH Port	Description	Actions
		+ SolusVM MasterSRV.com	192.168.0.107	SolusVM Masters GRP	22		/ 💷 🕓
		+ web.eznoc.vdzom	192.168.0.110	Web servers	22		/ 🖪 🕄 🕄
							1 - 2 / 2
<ul> <li>INEXECTISIS</li> </ul>							

### 2. How to add a Linux server with the public key (global key) of Ezeelogin?

**Step 2(A):** Copy the **public key** (global key) of Ezeelogin from the **GUI** or from backend which is under **/usr/local/etc/ezlogin/id\_key.pub**.

E Servers	
SSR Public Key 🔮	0
▶ Server Groups	
Super Groups AAAAB3NzaC1yc2EAAAADAQABAAACAQDfksCdYEP9pX9JkQHdRjy9YTBg411w8sppB5j3OlM+qzwsQMzOKGMPr68ECzAljsuv3Es5JC6lXualb4ZMXP8 ezlogin	8TfMEguixo+QKcl
► Sub SSH Users	۶.
► Sub SSH User Maps	
<ul> <li>mExec lists</li> </ul>	
Import	
Global Key	
Key Management	
E Web Portais	
Proot@gateway: ~	- 🗆 X
bot@gateway:~# cat /usr/local/etc/ezlogin/id_key.pub ch=rca_AAAAP3NzaC1uc2EAAAADAAAAAACAODfkcCdyEp9pY9TkoUdPiu9YEpq411u9cppP5i301M+czu	COMPORCMD
68ECzAIjsuv3Es5JC6IXualb4ZMXP8TfMEquixo+QKcU2VvP2xVQ+17pCc3uKuqjiqM6ROZPq7x1jEajJi	UwJT2QEbr
py0+8Dz9vU6nNin03EhJkEnfBNdoAVgbxAH91y4oQABGD7zgLsP4eaFkLohsblb1kl0LJ9pPX1sRd7iS2w	RZAN0/Qo/
KS8AVtB1URzdUAmK/ESS8o9vyh8fu+6hMC8FMi033Auhbw1Cy8inTzyJ6tzA0078EmRfLrhrAJiexwWf6W	AnB9+Ymzz
181RjUYJDZ0TRmjEEocz36kHwr+wiwv6uJX0nQgzvu2NGUyn4wyh4f+JZVT5F2EnWOhwAFWo22h53AZfpJ zD4X2i8x5pnugjyZX7gpXt12K0upAUjCX5u0u/pu8uIT61001gZV9m7oojbmK17Mu161uu0cgz/gD6123V	JMYGGHFeD
rSUx22za4TKoW4a7T1TAd6zUzPuVstFWPnt6fFJzxpYdrzMP09GiBJHX3cFUvbkhtb0E9wvMiDw879Frc	aim7.3MOUE
xIGZt 5T6 i OL k9L4 I RnMz 8a 4 R.IAtWV+CacXorrM4C+byGHprers4ToTbxgF2n/oKl Rnys6kg6XRc9w== cz	login
ACCHECTCLCHKSHTHIMIZCUINCHEN COUCHCELTITIC DYCIPTCLDTICTDAGEZIT/ CHEDRYDCKGCMACCSW CZ	

#### Step 2(b) Paste the global key inside the authorized\_keys of the user in the remote

server.



**Step 2(C):** Login to Ezeelogin backend(ezsh) or click on the '<u>Open Web SSH Console</u>' icon to SSH via the browser and access the remote servers as the gateway user.

ssh -p <port\_number> <gateway\_user>@<gateway\_ip>

Example: ssh ezadmin@192.168.0.110

**Related Articles:** 

Add a Linux instance to Ezeelogin

Different key based authentication to remote server

Enable/Disable password or key based authentication

Different types of SSH authentication keys

Online URL: https://www.ezeelogin.com/kb/article/add-a-server-using-ssh-key-pair-in-ezeelogin-259.html