Add a server using ssh key pair in ezeelogin

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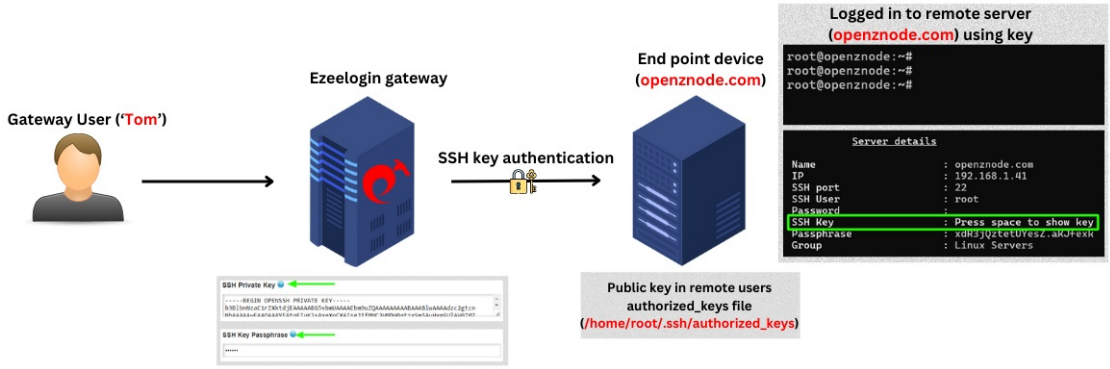
How to add a server using ssh key pair in Ezeelogin?

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 ser



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:

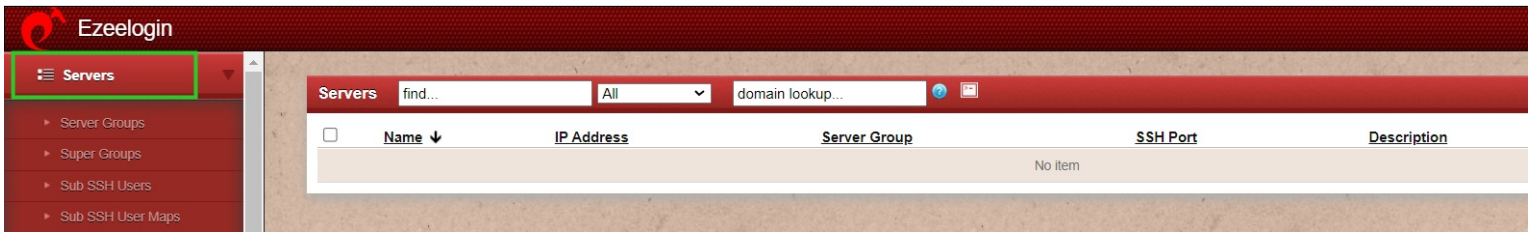
```
root@remote_server:~# ssh-keygen

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:eUKBEdUlDVzQgCKT3QHBVwHHCH0IjWa8cDdNkRBrvZM root@ipa.server.com
The key's randomart image is:
---[RSA 2048]----
|      =B#B/@%o    |
|     = @ @=B.o    |
|      B = o.      |
|       .o . o     |
|          S E     |
|           o .    |
|                  |
|                  |
|                  |
----[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.



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 passwor

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/Kp6yuyuJWsRntiPzH5YuVh
```

Step 1(E): Login to Ezeelogin backend(ezsh) or click on the '**Open Web SSH Console**' 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
```

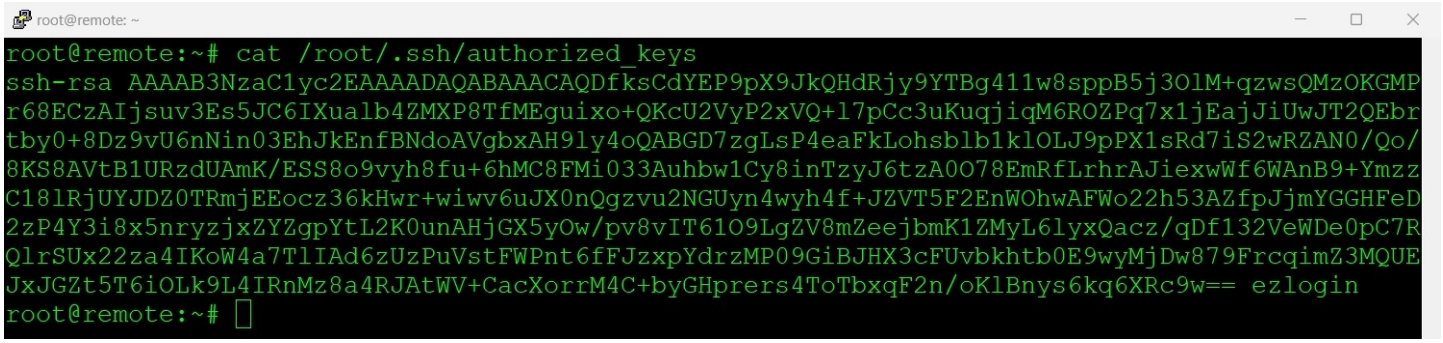
Step 1(F): Click on the '**Open Web SSH Console**' icon to SSH via the browser.

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**.

Step 2(B) Paste the global key inside the **authorized_keys** of the user in the remote server.

```
root@remote_server:~# nano /root/.ssh/authorized_keys
```



Step 2(C): Login to Ezeelogin backend(ezsh) or click on the '**Open Web SSH Console**' 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**

How to resolve the error “An error occurred while trying to submit the form (error: Unknown)” occured while adding the key?

This error, “**An error occurred while trying to submit the form (error: Unknown)**,” usually occurs when the maximum execution time for PHP scripts has been exceeded. By default, PHP

Follow the below steps to resolve the issue:

Step 1: Check the latest application logs for the errors

Run the following command to navigate to the log directory and tail the latest logs.

root@gateway:~# cd $(awk '/^system_folder/ {print $2}' /usr/local/etc/ezlogin/ez.conf)/application/logs/

root@gateway:/var/www/ezlogin/application/logs# tail -f <the latest log file>

For Example:

root@gateway:~# cd $(awk '/^system_folder/ {print $2}' /usr/local/etc/ezlogin/ez.conf)/application/logs/

root@gateway:/var/www/ezlogin/application/logs# tail log-2026-05-05.php -f

ERROR - 2026-05-05 13:26:50 --> Severity: Error --> Maximum execution time of 30 seconds exceeded /var/www/ezlogin/application/third_party/vendor/phpseclib/phpseclib/ph

Since the maximum execution time of 30 seconds has been exceeded in this case, the issue can be resolved by increasing the **max_execution_time** limit.

Step 2: Increase PHP Execution Time

Increase the maximum execution time for PHP scripts by modifying the **max_execution_time** limit in php.ini file.

root@gateway:~# nano /etc/php/8.1/apache2/php.ini ---> (change into corresponding PHP version)

max_execution_time = 300

Step 3: After making the change, restart the PHP service for the changes to take effect:

```
root@gateway:~# systemctl restart php-fpm or systemctl restart apache2/httpd
```

Related Articles:

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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