Error: User modify failed. Cannot modify user on this node: Authentication by SSH key failed!
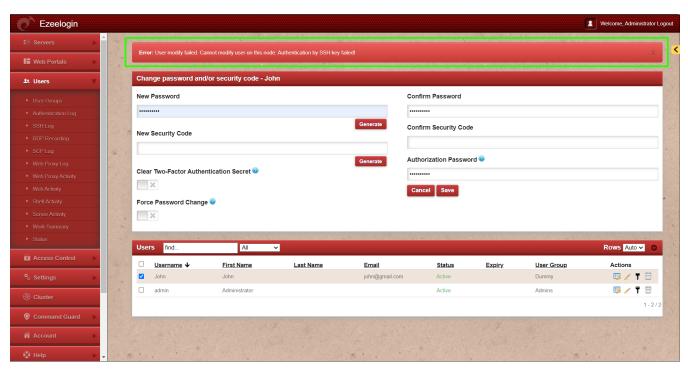
24 admin June 18, 2024 [Common Errors & Troubleshooting](#) 9275

How to solve the error occured while modifying Ezeelogin gateway user?

Synopsis: Provide step by step instructions to troubleshoot and resolve the error encountered while modifying Ezeelogin gateway user.

Step 1: Check if the ezeelogin installed server is missing its public key in the **/root/.ssh/authorized_keys** file. If the key is missing, run the following command to add it:

```
root@gateway ~]#
```

Step 1.a: Run below command to check if the key is back in the file.

```
root@gateway ~]#
```

Run the following command to check if you have enabled the recommended **sshd settings** in **/etc/ssh/sshd_config**

Step 2: Ensure that the port on which sshd is listening on the Ezeelogin gateway server is specified as the [gateway port](#) in Ezeelogin GUI under **Settings** -> **General** -> **Miscellaneous** -> **Gateway SSH Port**.
Step 3: Make sure **PubkeyAuthentication** is set to '**YES**' in your **sshd_config** (sshd configuration) file. In Centos/RHEL/Fedora/Ubuntu it would be:

```
root@gateway ~]#



root@gateway ~]#
```

Step 4: Ensure that **root login** is permitted on the gateway server. You can check this by running the command:

Step 4.a: If it does not log you in, edit **/etc/ssh/sshd_config** and set **PermitRootLogin** to **yes**.

```
root@gateway ~]#



Match Address 127.0.0.1



root@gateway ~]#
```

Step 4.b: After making the changes, ensure that you can log in as root by using the following command and entering the password:

Step 5: Ensure that the **web user** (such as apache or nobody) that the web server (Apache/Nginx) runs has **read** access to the keys in the directory **/usr/local/etc/ezlogin** by granting **read privileges** with the following command:

Step 6: Find out which key type is used by the server by running the below command.

```
root@gateway ~]# ssh-keygen -l -f
/usr/local/etc/ezlogin/id_key.pub
```

Step 6.a: Open **/etc/ssh/sshd_config** file and append below line to **enable RSA** key type.

```
root@gateway ~]# vim /etc/ssh/sshd_config


PubkeyAcceptedKeyTypes +ssh-rsa


root@gateway ~]# systemctl restart sshd
```

Step 7: Check the log file **/var/log/secure**

```
root@gateway ~]# tail -f /var/log/secure
```

Refer below article if you get "**userauth_pubkey: signature algorithm ssh-rsa not in PubkeyAcceptedAlgorithms**"

https://www.ezeelogin.com/kb/article/userauth_pubkey-signature-algorithm-ssh-rsa-not-in-pubkeyacceptedalgorithms-518.html

Related Articles

[Error: User modify failed. Cannot modify user on other node: Authentication by SSH key failed!](#)

[Error: User modify failed Cannot modify user on this node: OS=FreeBSD: Command not found. OS: Undefined](#)

[Reset Ezeelogin keys used for privilege escalation](#)