Error: User modify failed. Cannot modify user on this node: Authentication by SSH key failed!

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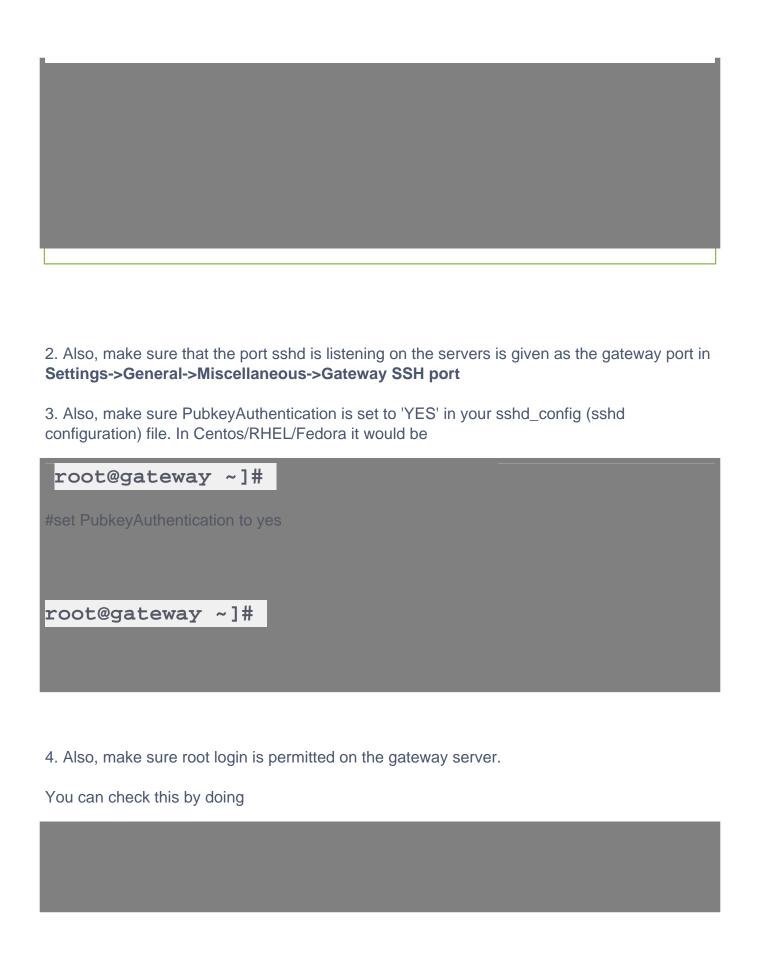
1. The error 'User modify failed Cannot modify user on this node: Authentication by ssh key failed' would occur when the ezeelogin installed node has its public key missing in **/root/.ssh/authorized_keys**. To add the key, execute the following command

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

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

2. Also, make sure that the port sshd is listening on the servers is given as the gateway port in **Settings->General->Miscellaneous->Gateway SSH port**

3. Also, make sure PubkeyAuthentication is set to 'YES' in your sshd_config (sshd configuration) file. In Centos/RHEL/Fedora it would be

```
root@gateway ~]#

#set PubkeyAuthentication to yes



root@gateway ~]#
```

4. Also, make sure root login is permitted on the gateway server.

You can check this by doing

and it should log you in else edit /etc/ssh/sshd_config and set **PermitRootLogin yes**

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

#Add the following lines to the **end of /etc/ssh/sshd_config** to allow root login from localhost only

```
Match Address 127.0.0.1
```

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

and make sure you are able to authenticate with the command

Make sure you are able to login after entering the password.
5. Also, make sure that the web user(apache, nobody, etc) that the webserver(apache/nginx)
runs as is able to read the keys in the dir /usr/local/etc/ezlogin.
  Make sure to grant the read privileges to

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
```

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
```

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

8. Reset Ezeelogin keys used for privilege escalation

Reset Ezeelogin Authorization Keys

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

Online URL:
https://www.ezeelogin.com/kb/article/error-user-modify-failed-cannot-modify-user-on-this-node-authentication-by-ssh-key-failed-24.html