

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

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

Check the following on the slave/secondary node

1. The error 'User modify failed Cannot modify user on other 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 ~]# cat /usr/local/etc/ezlogin/id_clkey.pub >> /root/.ssh/authorized_keys
```

Check if the key is back in the file.

```
root@gateway ~]# cat /root/.ssh/authorized_keys
```

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

```
root@ez:/home# sshd -T | grep -i 'AllowTcpForwarding|PermitRootLogin|PubkeyAuthentication|PasswordAuthentication|pubkeyacceptedalgorithms|Port'
```

```
port 22
permitrootlogin yes
pubkeyauthentication yes
passwordauthentication yes
gatewayports no
allowtcpforwarding yes
pubkeyacceptedalgorithms ssh-ed25519-cert-v01@openssh.com,
ecdsa-sha2-nistp256-cert-v01@openssh.com,ecdsa-sha2-nistp3
84-cert-v01@openssh.com,ecdsa-sha2-nistp521-cert-v01@opens
sh.com,sk-ssh-ed25519-cert-v01@openssh.com,sk-ecdsa-sha2-n
istp256-cert-v01@openssh.com,rsa-sha2-512-cert-v01@openssh
.com,rsa-sha2-256-cert-v01@openssh.com,ssh-ed25519,ecdsa-
sh
```

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 ~]# vi /etc/ssh/sshd_config
```

```
#set PubkeyAuthentication to yes
```

```
PubkeyAuthentication yes
```

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

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

You can check this by doing

```
ssh root@localhost
```

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

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

```
#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
```

```
PermitRootLogin yes
```

```
PubkeyAuthentication yes
```

```
#Replace MASTER_NODE_IP with your master node Ezeelogin IP ADDRESS
```

```
Match Address MASTER_NODE_IP
```

```
PermitRootLogin yes
```

```
PubkeyAuthentication yes
```

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

and make sure you are able to authenticate with the command

Make sure you are able to login after entering the password.

If you have enabled Allow Or Deny SSH Access To A Particular User Or Group in sshd.conf, make sure that the user root is allowed

4. 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

```
chmod o r /usr/local/etc/ezlogin/id_clkey  
chmod o r /usr/local/etc/ezlogin/id_clkey.pub  
or  
usermod -G <current_groupname_of_id_clkey_files> <webserver_user>
```

5. 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
```

```
4096 SHA256:n4lmX53/gwkKB4+nSQ30hZXxXK+DRG1LPc7N1KN/1Ag ezlogin  
(RSA)
```

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
```

6. 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

6. Reset Ezeelogin cluster keys

[How to reset cluster keys in Ezeelogin Master-slave Configuration?](#)

Related Articles

- **Error: User modify failed. Cannot modify user on this 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-other-node-authentication-by-ssh-key-failed-255.html>