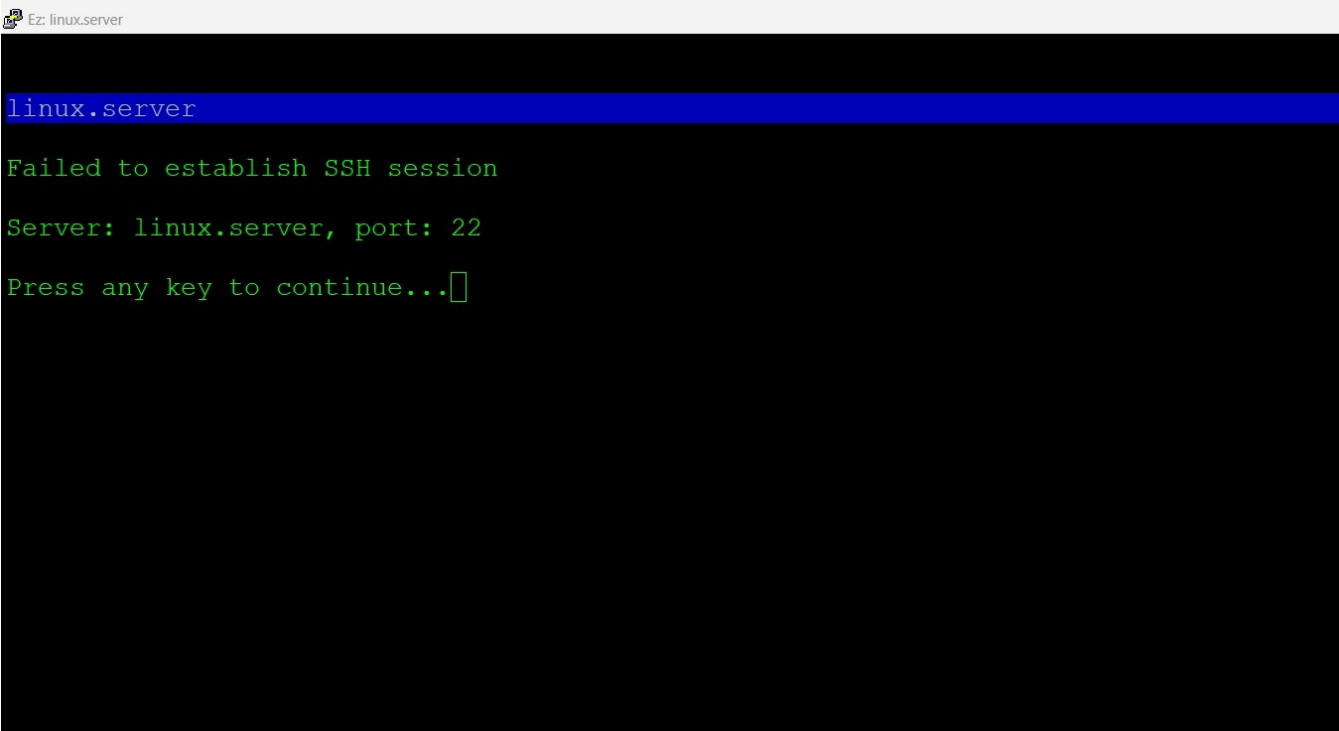


Failure establishing SSH session: Unable to exchange encryption keys

566 Nesvin KN January 10, 2023 [Common Errors & Troubleshooting](#) 4075

How to fix the error "Failure establishing SSH session: Unable to exchange encryption keys" in ezsh (ezeelogin shell)?

This error occurs when a user tries to login to the remote servers that are added in Ezeelogin. Refer below screenshot of the error.



```
Ez: linux.server  
linux.server  
Failed to establish SSH session  
Server: linux.server, port: 22  
Press any key to continue...[]
```

Check the ezsh log of the user from the gateway server.

Login to the gateway server as the root user and check the ezsh log of the user.

```
root@gateway ~]# cat /home/{username}/ezsh.log  
Failure establishing SSH session: Unable to exchange encryption keys
```

How to fix the error "Failure establishing SSH session: Unable to exchange encryption keys"?

1. Login to the remote server from the gateway server with level 3 verbose to find out the KEX and Host Key algorithms used. Refer below example of SSH and algorithms.

```
root@gateway ~]# ssh root@remote_server -vvv  
  
debug1: kex: algorithm: curve25519-sha256  
debug1: kex: host key algorithm: ecdsa-sha2-nistp256
```

2. Refer below article and replace the KEX and Host Key algorithms that are supported. This will fix the error "Failure establishing SSH session: Unable to exchange encryption keys" in the ezsh (ezeelogin shell).

[KEX and Host Key Algorithms in SSH](#)

Online URL:

<https://www.ezeelogin.com/kb/article/failure-establishing-ssh-session-unable-to-exchange-encryption-keys-566.html>