

Issues

debug1: expecting SSH2_MSG_KEX_ECDH_REPLY

SSH hangs on debug1: expecting SSH2_MSG_KEX_ECDH_REPLY when using VPN (OpenVPN, MT Ipsec, ... doesn't matter).

Not caught root issue yet. Internet says it is related to packet size. So some workaround sometimes works:

1. reducing MTU in interface
2. limiting Kex list (reduce packet size during exchange)
3. specifying cipher for connection

```
ip li set mtu 1400 dev wlan0
```

```
ssh -c aes256-gcm@openssh.com host
```

```
ssh -o KexAlgorithms=ecdh-sha2-nistp521 username@systemname
```

~/.ssh/config

```
KexAlgorithms ecdh-sha2-nistp521
```

Source:

- [Cannot SSH: debug1: expecting SSH2_MSG_KEX_DH_GEX_REPLY \[closed\]](#)
- [SSH fails with connection timed out - in VPN and hangs here "expecting SSH2_MSG_KEX_ECDH_REPLY" + Ubuntu 16.04.6 LTS](#)

X11 forwarding request failed on channel 0

/etc/ssh/sshd_config

```
X11Forwarding yes  
X11UseLocalhost no
```

From:
<https://niziak.spoX.org/wiki/> - niziak.spoX.org

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Last update: 2023/07/14 15:29



