

no matching key exchange method found. Their offer: diffie-hellman-group1-sha1

175 admin October 6, 2024 [Common Errors & Troubleshooting](#) 12133

---

## How to solve key Exchange Method Mismatch in SSH: diffie-hellman-group1-sha1 Offered?

---

**Overview:** This article helps to resolve the error "**no matching key exchange method found. Their offer: diffie-hellman-group1-sha1**" while logging into EXOS network switch from Ezeelogin.

---

Unable to SSH into the EXOS network switch from the gateway server. The SSH client displays the error message: "**Unable to negotiate with IP on port 22: no matching key exchange method found. Their offer: diffie-hellman-group1-sha1.**"

The above error occurs because **OpenSSH** and other **SSH libraries** have removed default support for [diffie-hellman-group1-sha1](#).

**Step 1:** Try to **upgrade** your **switch firmware** and see if that solves your problem.

---

### Related Article:

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

Online URL:

<https://www.ezeelogin.com/kb/article/no-matching-key-exchange-method-found-their-offer-diffie-hellman-group1-sha1-175.html>