

# Things to check, if SSH key login is not working

## Permission issues

1. authorized\_keys contains correct public key
2. authorized\_keys file has permissions 600
3. .ssh directory has permissions 755 or more restrictive

## Key Exchange Issues

1. Newer versions of openssh do no longer accept ssh-rsa as public key algorithm
2. To diagnose add "LogLevel DEBUG3" to /etc/ssh/sshd\_config and restart sshd
3. /var/log/auth.log should then contain the following line

```
userauth_pubkey: signature algorithm ssh-rsa not in  
PubkeyAcceptedAlgorithms [preauth]
```

4. Workaround: add "PubkeyAcceptedKeyTypes=+ssh-rsa" to /etc/ssh/sshd\_config and restart sshd
5. Fix: Regenerate your public/private keypair

[kb, ssh](#)

From:

<http://fortytwo.adurias.org/> - **Fortytwo - Answer to the Ultimate Question of Life, the Universe, and Everything**

Permanent link:

<http://fortytwo.adurias.org/ssh-key-login-not-working>

Last update: **2022/05/02 09:23**

