

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](#)

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