

# How To: Find SSH key using Fingerprint



I've recently had a weird SSH keys problem, and took a note to tidy up SSH keys accumulated over years. **ssh-agent** will show all the identities, but only listing SSH fingerprints instead of filenames. I had to find a way of progressing this further.

## Use **ssh-add** to show active SSH identities

**ssh-add -l** command will show you all the keys currently used:

```
greys@xps:~/ssh $ ssh-add -l
4096  SHA256:oae3VVEjNhyt30cA2tTbWYE68kdY0IpCq2tc2rh+/XE
greys@xps (RSA)
2048  SHA256:P8krGGt8U4l0a4hNgGW6+mYxqYvPqIDe88izXd+LNM4 (RSA)
4096  SHA256:AIWB70fjJrtk1IRwn04D400Lr1C54iZxpSozYJJqMtA greys-
wsl (RSA)
256   SHA256:itlxa2PY3uI975LfXnCo4iEwL8YGsgriQPEqwd5yaDU
greys@xps (ED25519)
2048  SHA256:SzteP63exx+Yqu+x9e+9tbPhE3G2iIRoDWRMY8i/Zx0
```

gleb@reys.net (RSA)

2048 SHA256:0MakqfX8dKHZ+5iMIzFH0YEqnljMWTQiK9wHeD2JYb8 (RSA)

## List a fingerprint for SSH key

If you have an SSH keypair, you can use the `ssh-keygen` command to confirm a fingerprint using public key like this:

```
greys@xps:~/ssh $ ssh-keygen -lf /home/greys/.ssh/ts2_aws.pub
2048 SHA256:0MakqfX8dKHZ+5iMIzFH0YEqnljMWTQiK9wHeD2JYb8 no
comment (RSA)
```

Which means the task of finding a key with matching fingerprint just means inspecting all the public keys in your user's `.ssh` directory.

## See Also

- [ssh command](#)
- [SSH: Too Many Authentication Failures](#)