


```
ssh-keygen -t rsa -b 4096 -C "your_email@example.com"
```

- `-t` `rsa` (rsa, ed25519)
- `-b` `4096`
- `-C` `"your_email@example.com"`

2. `ssh-copy-id`

```
ssh-copy-id username@hostname
```

```
ssh-copy-id ~/ssh/id_rsa.pub ~/ssh/authorized_keys
```



```
ssh-copy-id ~/ssh/config
```

```
Host myserver
  HostName example.com
  User username
  Port 2222
  IdentityFile ~/.ssh/id_rsa
```

```
ssh myserver
```



Option	Description
<code>-v</code>	Verbose mode (options: <code>-vv</code> , <code>-vvv</code>)
<code>-X</code>	Enable X11 forwarding
<code>-L</code>	Local forwarding
<code>-R</code>	Remote forwarding
<code>-D</code>	Dynamic forwarding (SOCKS proxy)
<code>-N</code>	Disable forwarding

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-f	□□□

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1. □□□□□□

```
ssh -L local_port:remote_host:remote_port username@hostname
```

2. □□□□□□

```
ssh -R remote_port:local_host:local_port username@hostname
```

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1. □□ scp □□□□

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```
scp local_file username@hostname:remote_path
```

□□□□□□

```
scp username@hostname:remote_file local_path
```

2. □□ sftp □□□□□□

```
sftp username@hostname
```

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1. `PermitRootLogin no` in `/etc/ssh/sshd_config`
2. `sshd_config`
3. `sshd_config` SSH `sshd_config`
4. `AllowUsers` in `sshd_config`
5. `fail2ban` `sshd`



1. `sshd`

```
systemctl status sshd
```

2. `sshd`

```
journalctl -u sshd
```

3. `sshd`

```
ssh -v username@hostname
```

Revision #1

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