### How to Create 4096bit long SSH protocol v2 key

**Command in a console**

```
ssh-keygen -b 4096 -f .ssh/id_rsa4096_mylabel -C myuser@mylabel_4096 -o -a 500
```

See


Then you can connect through ssh indicating your private key in the command run at the terminal:

**Command in a console**

```
ssh -i ~/.ssh/id_rsa4096_mylabel myuser@foo.example.com
```

**Note for VHIR:**

In order to reach a server through ssh behind a proxy, you need to set the server name at the .ssh/config as usual, plus indicate there the private keyfile that you want to use for the connection to that server. For instance:

**contents of ~/.ssh/config**

```
Host *.example.com
    ProxyCommand corkscrew proxyserver port %h %p
    IdentityFile ~/.ssh/id_rsa4096_mylabel
```

### Alias names for this page:

ssh | keys | amse

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