

# ssh using keys

## 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

<http://blog.patshead.com/2013/09/generating-new-more-secure-ssh-keys.html><sup>[1]</sup>

Then you can connect through ssh indicating your private key in the command run at he 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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<sup>[1]</sup> <http://blog.patshead.com/2013/09/generating-new-more-secure-ssh-keys.html>