First Steps

Add User

To system

```
root@balrock:~ # adduser
Username: username
Full name:
Uid (Leave empty for default):
Login group [username]:
Login group is username. Invite username into other groups? []: wheel
Login class [default]:
Shell (sh csh tcsh bash rbash nologin) [sh]: bash
Home directory [/home/username]:
Home directory permissions (Leave empty for default):
Use password-based authentication? [yes]:
Use an empty password? (yes/no) [no]:
Use a random password? (yes/no) [no]:
Enter password:
Enter password again:
Lock out the account after creation? [no]:
Username   : username
Password   : *****
Full Name  :
Uid        : 1001
Class      :
Groups     : username wheel
Home       : /home/username
Home Mode  :
Shell      : /usr/local/bin/bash
Locked     : no
OK? (yes/no) [yes]:
```

```
adduser: INFO: Successfully added (username) to the user database.
Add another user? (yes/no) [no]:
Goodbye!
```

User SSH-Key

Copy PC SSH KEY

```
ssh-copy-id username@server-ip-address
```

Create SSH-Keypair

```
ssh-keygen -t rsa -b 4096
```

Configure SSHD

```
vim /etc/ssh/sshd_config
```

```
# Authentication:

#LoginGraceTime 2m
PermitRootLogin no
StrictModes yes
MaxAuthTries 6
MaxSessions 10

AllowUsers username

PubkeyAuthentication yes
PasswordAuthentication no
PermitEmptyPasswords no
```

Then delete the line

```
PasswordAuthentication yes
```

from the bottom of your `/etc/ssh/sshd_config`

To Doas

The configuration file for `doas` is typically located at `/usr/local/etc/doas.conf` or `/etc/doas.conf`. You can create or edit this file using a text editor:

```
sudo vim /usr/local/etc/doas.conf
```

```
# Allow user john to execute root commands
permit john
```

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