**Passwordless SSH and SCP**

**Method 1:**

Step 1: Type “ssh-keygen -t rsa  
 Just “enter” ay “Enter passphrase” & “Enter same passphrase again”

Step 2: ssh pi@**IPaddress** mkdir -p .ssh (create .ssh directory)

Step 3: cat .ssh/id\_rsa.pub | ssh pi@**IPadresss** ‘cat >> .ssh/authorized\_keys’  
 Enter pi@**IPaddress** password (Upload generated public keys to designated IP address)

Step 4: ssh pi@**IPaddress** “chmod 700 .ssh; chmod 640 .ssh/authorized\_keys” (Set permission)

Step 5: ssh pi@**IPaddress** (login server without Password)

**Method 2:**

Step 1: Type “ssh-keygen -t rsa”

Step 2: Note down public key location should be “/home/pi/.ssh/id\_rsa.pub

Step 3: scp /home/pi/.shh/id\_rsa.pub [pi@IPaddress:./](mailto:pi@IPaddress:./) (Copy/transfer file to another pi)

Step 4: ssh pi@**IPaddress**

Step 5: mkdir .ssh (create directory if not exist)

Step 6: cp id\_rsa.pub .ssh/authorized\_keys (Copy file into authorized\_keys)

Step 7: cd .ssh (go into .ssh directory)

Step 8: ls -al (See all file in the directory)