**Hostname**: SSU-Server

SSH enabled

I2C enabled

**Install ZIP:**

apt-get install zip

**Wifi-setup (only 2g):**

edit */etc/wpa\_supplicant/wpa\_supplicant.conf:*

network={

ssid=””

psk=””

*for hidden wifi add line* scan\_ssid=1

}

sudo wpa\_cli -i wlan0 reconfigure

for static wifi:

vi /etc/dhcpcd.conf:

interface wlan0

static ip\_address=ip/24

static routers=ip from router

static domain\_name\_servers= ip

/etc/init.d/dhcpcd restart

**Add/Delete Users:**

deluser -remove-home *USER*

adduser *USER*

passwd *USER*

**Add/Delete Users to Group:**

addUser *USER GROUP* pwd: ssu\_FRS, ssu\_FRS\_root, ssu\_FRS\_admin

deluser *USER GROUP*

**Show list of Groups:**

less /etc/group

**Deny specific user to log in over ssh:**

add line to */etc/ssh/sshd\_config:*

DenyUsers *USER*

systemctl restart ssh

**Show services:**

service --status-all

**Install VNC-Server:**

apt-get install realvnc-vnc-server realvnc-vnc-viewer

raspi-config

Interfacing Options

VNC 🡪 yes

**Install Apache2:**

apt-get install apache2 openssl

cd /etc/apache2/sites-available

cp default-ssl.conf smartstorageunit.conf

vi smartstorageunit

<VirtualHost\*:44310>

SSLCertificateChainFile /etc/letsencrypt/live/smartstorageunit.ddns.net/fullchain.pem

a2ensite smartstorageunit.conf

a2enmod ssl

service apache2 restart

**Install MySql:**

apt-get install mariadb-server php7.3-mysql

SELECT User, Host, Password FROM mysql.user;

CREATE USER 'ssu\_db'@'%'IDENTIFIED BY 'ssu\_FRS';

SHOW GRANTS FOR 'ssu\_db'@'%';

GRANT SELECT, INSERT, DELETE, UPDATE ON \*.\* TO 'ssu\_db'@'%'; // for all databases

FLUSH PRIVILEGES;

**Install PHP7.3:**

apt-get install php7.3