



# The Platform of the Future - Scripts

Technical Training

# API scripts used in the Demo

## Export user location via Scanning API

1. Using fresh Ubuntu Server (Node-Red machine) to install Node-Red on.
2. SSH to <<IP address of the Server>>
3. Run bellow commands to install Node-Red and upgrade the right Packages.

```
##### Enter Admin Mode
sudo -s

##### Download Node-Red packages
curl -sL https://deb.nodesource.com/setup_10.x | sudo bash -
sudo apt-get update
sudo apt-get install nodejs-legacy
node -v
npm -v

##### Install Node-Red Package
sudo npm install -g --unsafe-perm node-red node-red-admin

##### Allow port 188X - Where X is your lab number
sudo ufw allow 188X

##### Run Node-Red for first time (you have to exit sudo mode)
node-Red

##### Add Meraki Plug in
cd .node-red
sudo npm install node-red-contrib-meraki-cmx

##### Run Node-Red
```

4. Need to obtain public certificate, below is the steps to obtain free public certificate for 90 days from Letsencrypt.

```
##### Download certbot packages
sudo apt-get update
sudo apt-get install software-properties-common
sudo add-apt-repository universe
sudo add-apt-repository ppa:certbot/certbot
sudo apt-get update

##### Install certbot
sudo apt-get install certbot

##### Go through generating a certificate
sudo certbot certonly
```

*Please note that your server needs to be accessible via port 80 to get the certificate downloaded to the server and also you must have public domain with the DNS pointing to your server IP.*

## Webex Teams and Meraki dashboard API integration script

Please check the Python script that used in the session to integrate the Meraki Dashboard API to Webex Team by creating a BOT that used to demonstrate the integration between Meraki platform and other systems.

Link -- [tiny.cc/bc7h7y](https://tiny.cc/bc7h7y)

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