

Prepare dependencies

Install Python e.g. <https://www.python.org/downloads/windows/>

```
C:\Users\Ryan>python -m pip install --upgrade pip
```

```
Defaulting to user installation because normal site-packages is not
writeable
```

Requirement already satisfied: pip in
c:\users\ryan\appdata\roaming\python\python311\site-packages (23.0.1)

```
C:\Users\Ryan>python -m pip install requests
```

```
Defaulting to user installation because normal site-packages is not
writeable
```

Requirement already satisfied: requests in
c:\users\ryan\appdata\roaming\python\python311\site-packages (2.28.2)

Requirement already satisfied: charset-normalizer<4,>=2 in
c:\users\ryan\appdata\roaming\python\python311\site-packages (from
requests) (3.1.0)

Requirement already satisfied: idna<4,>=2.5 in
c:\users\ryan\appdata\roaming\python\python311\site-packages (from
requests) (3.4)

```
Requirement already satisfied: urllib3<1.27,>=1.21.1 in
c:\users\ryan\appdata\roaming\python\python311\site-packages (from
requests) (1.26.15)
```

Requirement already satisfied: certifi>=2017.4.17 in
c:\users\ryan\appdata\roaming\python\python311\site-packages (from
requests) (2022.9.24)

Set config.json

```
{
  "baseurl": "https://EM_FQDN_GOES_HERE:7001/",
  "basicauth": "BASE64_BASIC_AUTH_STRING_GOES_HERE"
}
```

<https://www.debugbear.com/basic-auth-header-generator>

Prepare modem dmz.csv

```
Modem_IMEI,Optional_whitelisted_MAC,USBorEth,DMZroute0,DMZroute1,DMZroute...,DMZr  
outeN  
9999999999999999,,Eth,123.123.123.0/29  
9999999999999888,00:11:22:33:44:55,Eth,123.123.123.0/29,123.123.123.124.0/29,123.1  
23.125.0/29
```

Run app

C:\Users\Ryan\Documents\code>python app.py

```

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                                     _ / |
                                     | _ /

```

Populate

PopulateDevices

PopulateTemplates

PopulateAppliedTemplates

PopulateAppliedTemplates DEVICE_ID

Looks good! Not making any DMZ subnet changes to 9999999999999999

Outputting: ApplyIPPTfromCSV.TIMESTAMP.txt