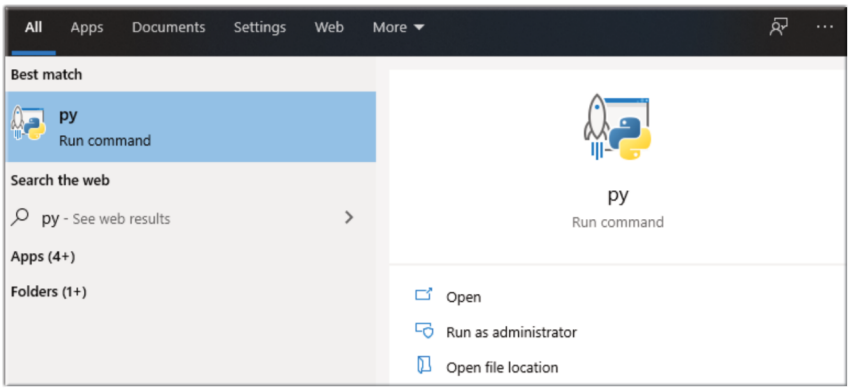
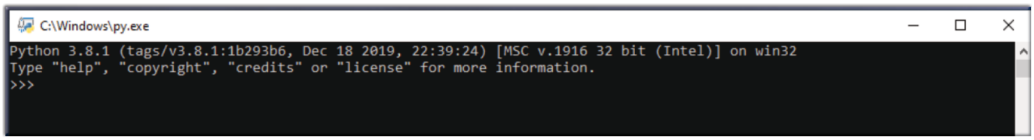
Sophos Central Health Report

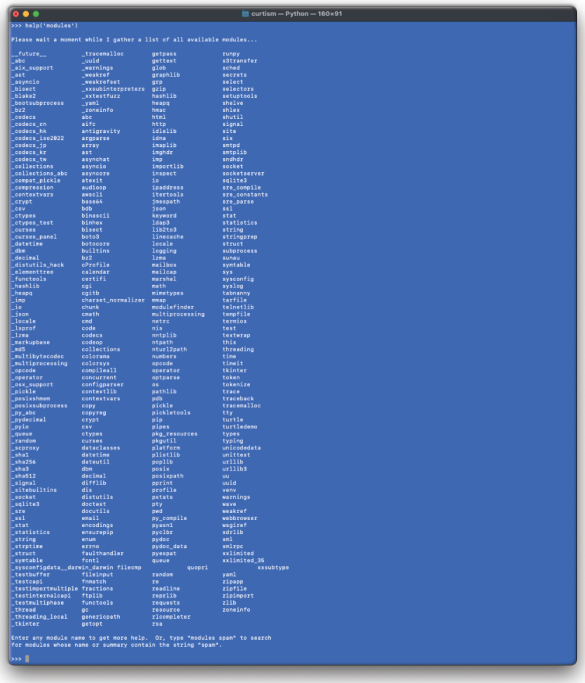
The script will check the health of every Endpoint and Server in Sophos Central Console/Sophos Central Enterprise Dashboard or MSP

Make sure you have the ‘requests‘ module installed. To do this open py.exe (Windows) or Terminal on a Mac





Type, help(‘modules). This will list all the modules installed. Note csv and datetime are already installed. If ‘requests’ is not installed we will need to install it



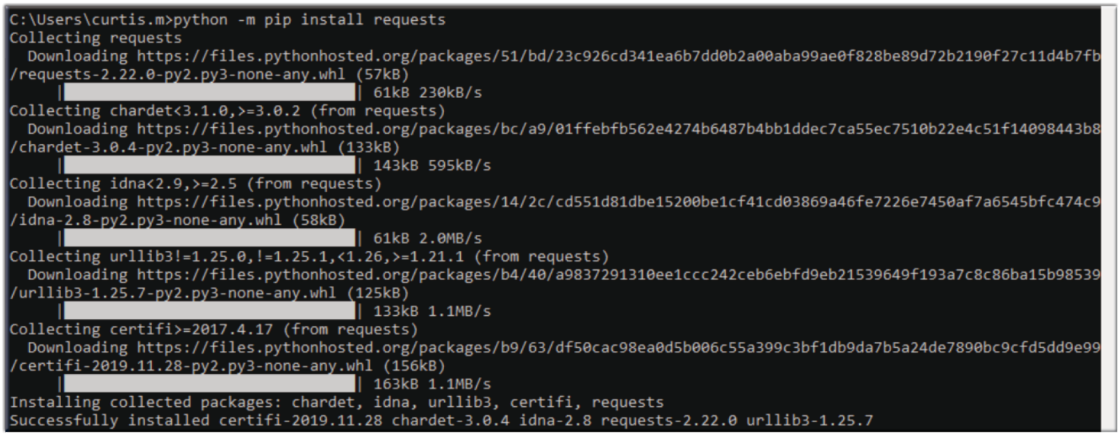
Install Modules

PC

Open an Elevated Command Prompt

Type - python -m pip install requests

Note there is a module called ‘request’. We need ‘requests’



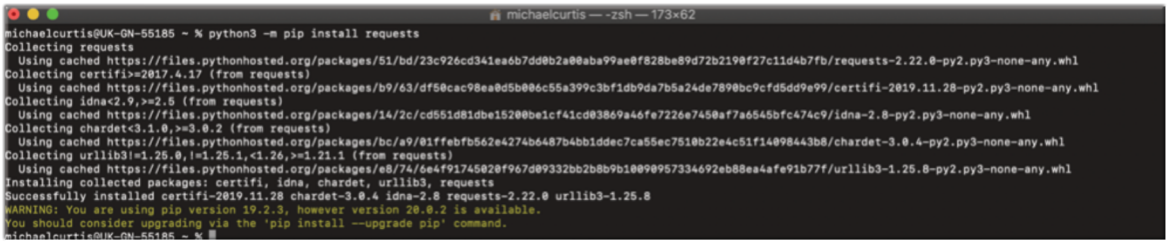
Mac

Open Terminal

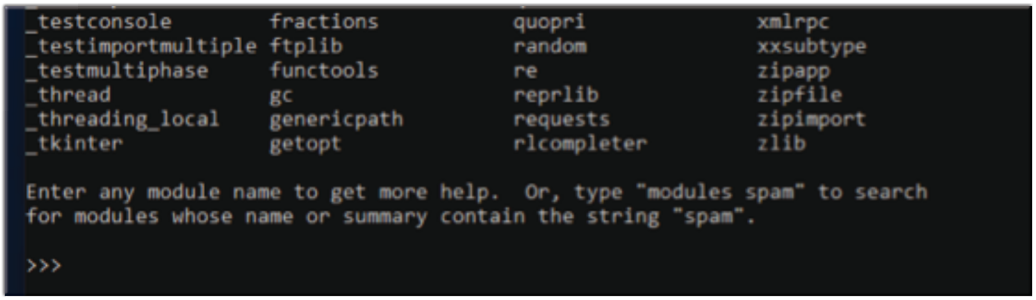
Type - python3 -m pip install requests

The 3 is important or it will install requests to version 2 of Python

Note there is a module called request. We need requests

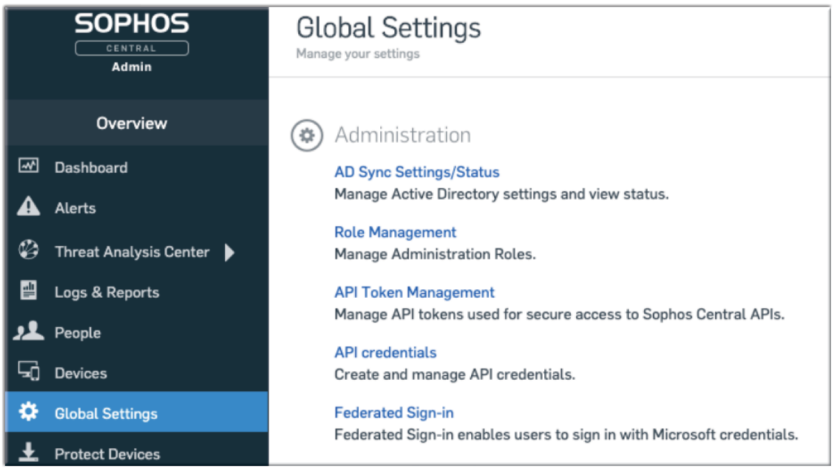


Now rerun the help('modules') command. It now lists requests in the Python shell

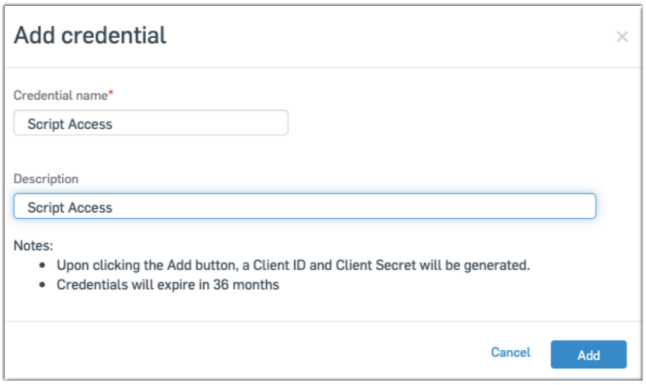


Setting Up Sophos Central API Keys

Log into Sophos Central. We will need to make our API credentials. Click on Global Settings. For Sophos Central Enterprise Dashboard it is under Settings & Policies

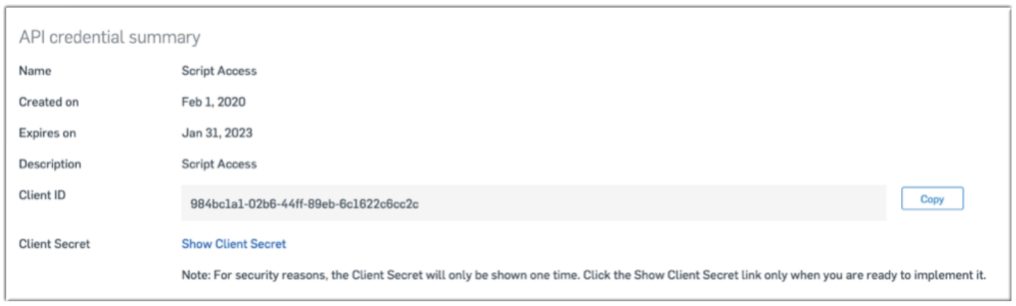


Click API Credentials Management



Click show secret. Once you close this screen you won't be able to see this again

Record this information. Store these keys in a password manager. You will need it for the config file



We now need to edit the Sophos_Central_Health.config file. Do not leave the ClientSecret in the config file post testing. Leave it blank to be challenged when the script is run

Setting Up The Config File

[DEFAULT]
 # Do not leave the ClientSecret in the config file
 # The API key only needs to be Service Principal Read-Only
ClientID:<put clientID here>
ClientSecret:<put clientSecret here or leave blank to enter manually>

[REPORT]
ReportName:<put report name here>
ReportFilePath:<put file path here>

[EXTRA_FIELDS]
0 is off, 1 is ON
Include MAC addresses
MAC_Address:1
Include components versions
Versions:0
Include Windows build version
Windows_Build_Version:1
Include cloud provider and instanceID
Cloud_Servers:1
Include alerts

```
# Include alerts
Include_Alerts:1
# Include full service status - Used for support
Full_Services_List:0
# Split Sophos Central Enterprise Dashboard reports by sub estate
Split_EDB_Reports:1
# Include sub estate ID
Include_Sub_EstateID:0
# Report only contains machines with issues
List_Machines_With_Issues_Only:0
# Show the menu to Health Check individual sub estates
Show_sse_menu:0
# Report only contains machines in the group defined Leave blank for all machines
and comma separated for multiple groups (case sensitive)
List_Machines_In_Group:
```

Running the script

Make sure the config file is in the same folder as the script. If the file was sent to you as a .txt file change it to .py

On a PC run this command from within the folder with the scripts and config file

python Sophos_Central_Health.py

On a Mac run this command from within the folder with the scripts and config file

python3 Sophos_Central_Health.py