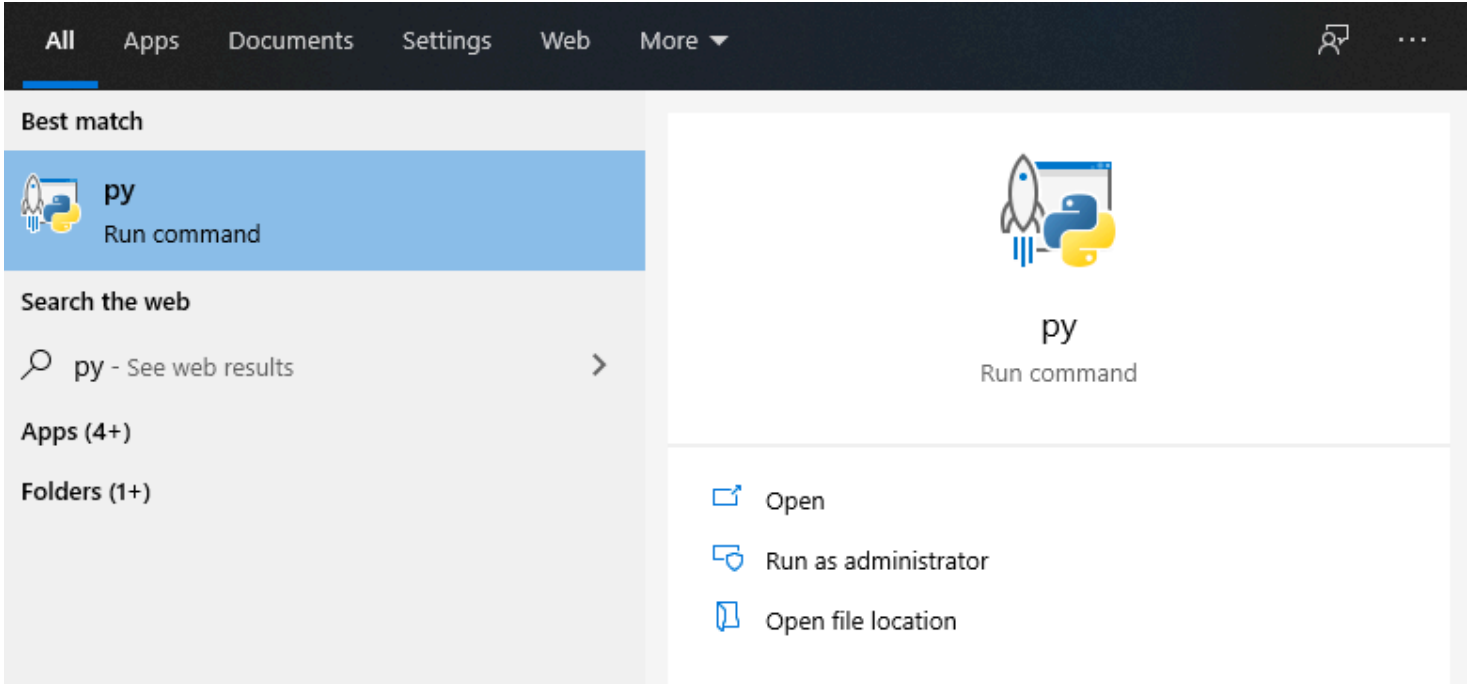
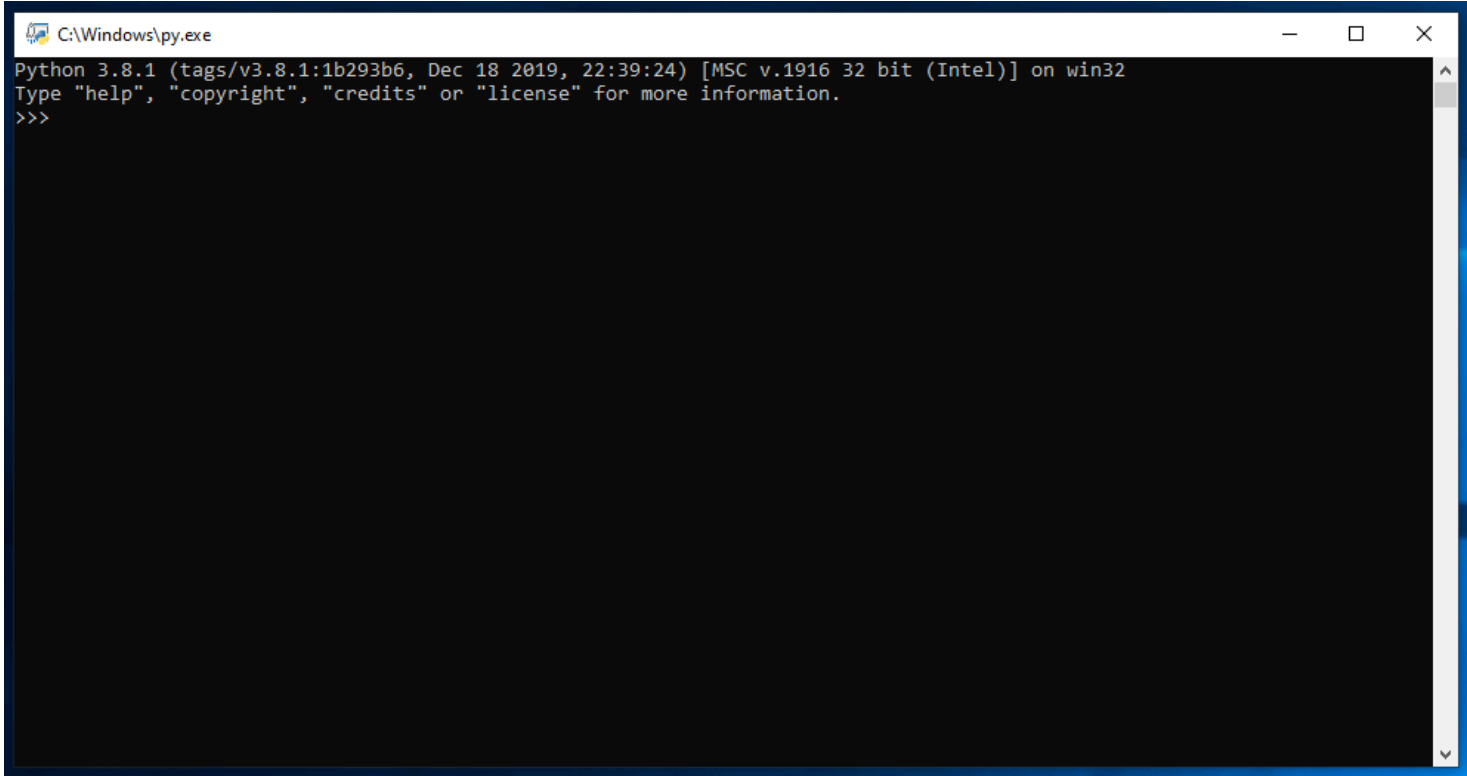
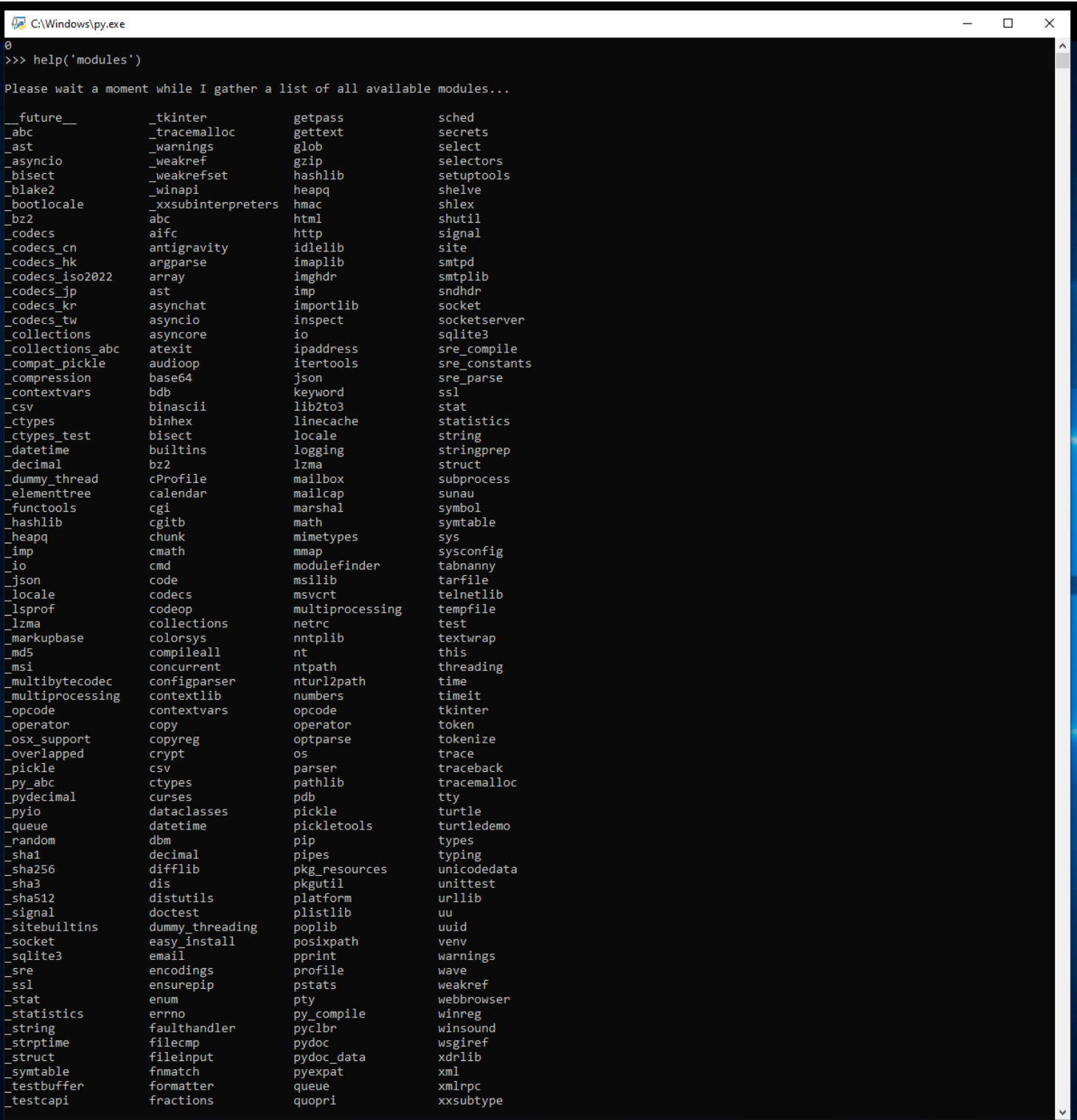
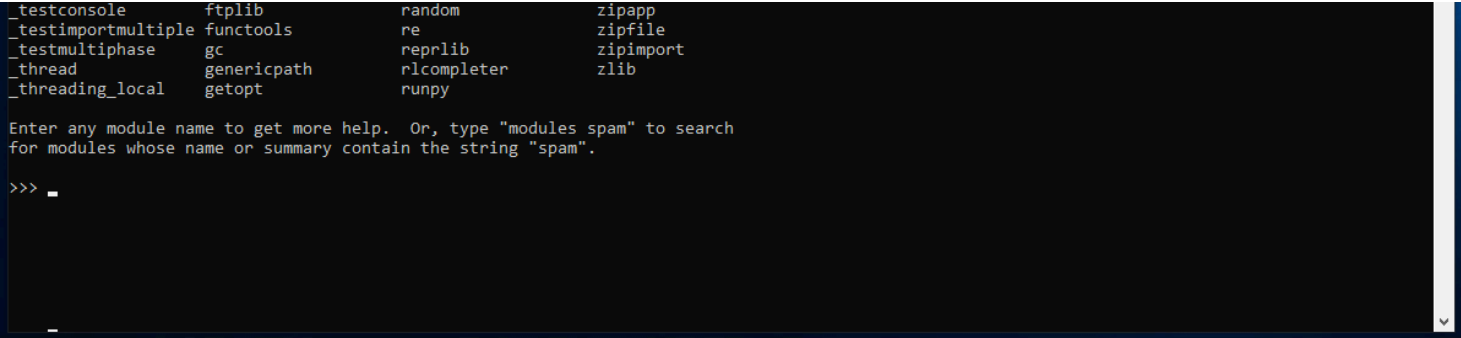


EDB Endpoint Health

Overview	The script will check the health of every Endpoint and Server in all Sophos Central Enterprise Dashboard sub estates
Install Python	Follow the Python install guide provided for your OS
Check you have requests installed	
Open Py.exe on Windows Use the Terminal on a Mac	 <p>The screenshot shows a Windows Start menu search for 'py'. The 'Best match' section shows 'py' with the description 'Run command'. Below this, there are sections for 'Search the web', 'Apps (4+)', and 'Folders (1+)'. On the right side, there are three options: 'Open', 'Run as administrator', and 'Open file location'.</p>
	 <p>The screenshot shows a Windows command prompt window titled 'C:\Windows\py.exe'. The prompt displays the Python version 'Python 3.8.1 (tags/v3.8.1:1b293b6, Dec 18 2019, 22:39:24) [MSC v.1916 32 bit (Intel)] on win32'. It also shows the prompt 'Type "help", "copyright", "credits" or "license" for more information.' and the prompt '>>>'.</p>
Type - help('modules') This will list all the modules installed	

	
<p>Note csv and datetime are installed already</p> <p>We will need to install some Modules</p>	
PC	Open an Elevated Command Prompt
<p>Type - python -m pip install requests</p> <p>Note there is a module called request. We need requests</p>	

	<div><div><div>Command Prompt</div><div>Microsoft Windows [Version 10.0.18363.476] (c) 2019 Microsoft Corporation. All rights reserved. C:\Users\curtis.m>python -m pip install requests Collecting requests Downloading https://files.pythonhosted.org/packages/51/bd/23c926cd341ea6b7dd0b2a00aba99ae0f828be89d72b2190f27c11d4b7fb/requests-2.22.0-py2.py3-none-any.whl (57kB) 61kB 230kB/s Collecting chardet<3.1.0,>=3.0.2 (from requests) Downloading https://files.pythonhosted.org/packages/bc/a9/01ffebfb562e4274b6487b4bb1dddec7ca55ec7510b22e4c51f14098443b8/chardet-3.0.4-py2.py3-none-any.whl (133kB) 143kB 595kB/s Collecting idna<2.9,>=2.5 (from requests) Downloading https://files.pythonhosted.org/packages/14/2c/cd551d81dbe15200be1cf41cd03869a46fe7226e7450af7a6545bfc474c9/idna-2.8-py2.py3-none-any.whl (58kB) 61kB 2.0MB/s Collecting urllib3!=1.25.0,!1.25.1,<1.26,>=1.21.1 (from requests) Downloading https://files.pythonhosted.org/packages/b4/40/a9837291310ee1ccc242ceb6ebfd9eb21539649f193a7c8c86ba15b98539/urllib3-1.25.7-py2.py3-none-any.whl (125kB) 133kB 1.1MB/s Collecting certifi>=2017.4.17 (from requests) Downloading https://files.pythonhosted.org/packages/b9/63/df50cac98ea0d5b006c55a399c3bf1db9da7b5a24de7890bc9cfd5dd9e99/certifi-2019.11.28-py2.py3-none-any.whl (156kB) 163kB 1.1MB/s Installing collected packages: chardet, idna, urllib3, certifi, requests Successfully installed certifi-2019.11.28 chardet-3.0.4 idna-2.8 requests-2.22.0 urllib3-1.25.7 WARNING: You are using pip version 19.2.3, however version 19.3.1 is available. You should consider upgrading via the 'python -m pip install --upgrade pip' command. C:\Users\curtis.m>_</div></div></div>
Mac	Open Terminal
<div>Type - python3 -m pip install requests</div> <div>The 3 is important or it will install requests to version 2 of Python</div> <div>Note there is a module called request. We need requests</div>	<div><div><div>michaelcurtis — zsh — 173x62</div><div>michaelcurtis@UK-GN-55185 ~ % python3 -m pip install requests Collecting requests Using cached https://files.pythonhosted.org/packages/51/bd/23c926cd341ea6b7dd0b2a00aba99ae0f828be89d72b2190f27c11d4b7fb/requests-2.22.0-py2.py3-none-any.whl Collecting certifi>=2017.4.17 (from requests) Using cached https://files.pythonhosted.org/packages/b9/63/df50cac98ea0d5b006c55a399c3bf1db9da7b5a24de7890bc9cfd5dd9e99/certifi-2019.11.28-py2.py3-none-any.whl Collecting idna<2.9,>=2.5 (from requests) Using cached https://files.pythonhosted.org/packages/14/2c/cd551d81dbe15200be1cf41cd03869a46fe7226e7450af7a6545bfc474c9/idna-2.8-py2.py3-none-any.whl Collecting chardet<3.1.0,>=3.0.2 (from requests) Using cached https://files.pythonhosted.org/packages/bc/a9/01ffebfb562e4274b6487b4bb1dddec7ca55ec7510b22e4c51f14098443b8/chardet-3.0.4-py2.py3-none-any.whl Collecting urllib3!=1.25.0,!1.25.1,<1.26,>=1.21.1 (from requests) Using cached https://files.pythonhosted.org/packages/e8/74/6e4f91745020f967d09332bb2b8b9b10090957334692eb88ea4afe91b77f/urllib3-1.25.8-py2.py3-none-any.whl Installing collected packages: certifi, idna, chardet, urllib3, requests Successfully installed certifi-2019.11.28 chardet-3.0.4 idna-2.8 requests-2.22.0 urllib3-1.25.8 WARNING: You are using pip version 19.2.3, however version 20.0.2 is available. You should consider upgrading via the 'pip install --upgrade pip' command. michaelcurtis@UK-GN-55185 ~ %</div></div></div>
Note help('modules') now lists requests in the Python shell	<div><div><div><div><div>_testconsole</div><div>_testimportmultiple</div><div>_testmultiphase</div><div>_thread</div><div>_threading_local</div><div>_tkinter</div></div><div><div>fractions</div><div>ftplib</div><div>functools</div><div>gc</div><div>genericpath</div><div>getopt</div></div><div><div>quopri</div><div>random</div><div>re</div><div>reprlib</div><div>requests</div><div>rlcompleter</div></div><div><div>xmlrpc</div><div>xxsubtype</div><div>zipapp</div><div>zipfile</div><div>zipimport</div><div>zlib</div></div></div></div><div>Enter any module name to get more help. Or, type "modules spam" to search for modules whose name or summary contain the string "spam".</div><div>>>></div></div>
Log into Sophos Central. We will need to make our API credentials	
Click on Settings & Policies	

SOPHOS

CENTRAL

Enterprise

ANALYZE

Dashboard

Alerts

Logs

MY SUB-ESTATES

Sub-Estates

Licenses

Trials

CONFIGURE

Deployment

Settings & Policies

Settings & Policies

View and manage settings and policies

Enterprise account settings

Configure email alerts

Manage how you and your sub-estates receive email alerts.

Administrators

View and manage all the users with administrative access to this enterprise.

API credentials

Create and manage API credentials.

Federated Sign-in

Federated Sign-in enables users to sign in with Microsoft credentials.

Global sub-estate settings

Global templates

Manage global base-policy and settings templates for your sub-estates.

Click API Credentials

Click Add

Add credential

Credential name*

Script Access

Description

Script Access

Notes:

- Upon clicking the Add button, a Client ID and Client Secret will be generated.
- Credentials will expire in 36 months

Cancel

Add

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

Record this information. You will need it for the config file

API credential summary

Name

Script Access

Created on

Feb 1, 2020

Expires on

Jan 31, 2023

Description

Script Access

Client ID

984bc1a1-02b6-44ff-89eb-6c1622c6cc2c

Copy

Client Secret

Show Client Secret

Note: For security reasons, the Client Secret will only be shown one time. Click the Show Client Secret link only when you are ready to implement it.

We now need to edit the edb_config.config

[DEFAULT]
ClientID:<put clientID here>
ClientSecret:<put clientSecret here>

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

Example	[DEFAULT]
Note the file path has a \ on the end	ClientID:8477295f-4f16-47378cd50b05 ClientSecret:12a94330c59648151a790ec10e6c6e0fc20f35a425670847eb63d9b1954592d2b8305cd87e3
	[REPORT] ReportName:EDB_Health_ ReportFilePath:c:\users\michael\desktop\reports\
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	
PC	
From the cmd run the Python script	python EDB_Health v1.1.py
Mac	
From Terminal run the Python script	python3 EDB_Health v1.1.py