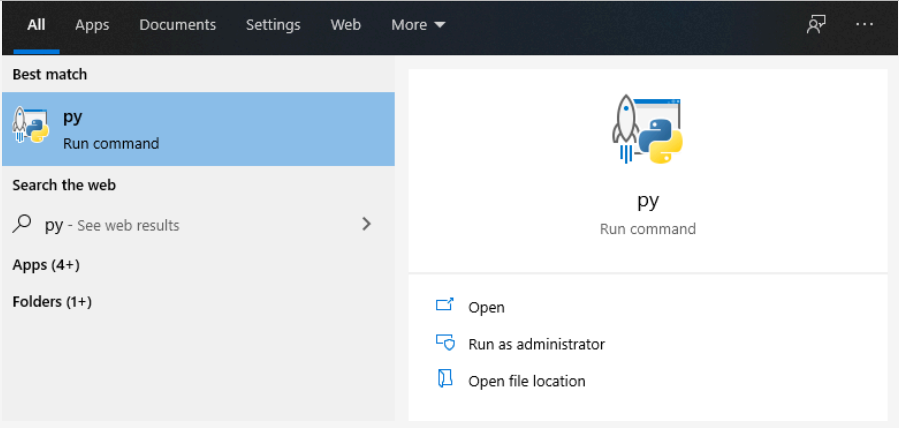
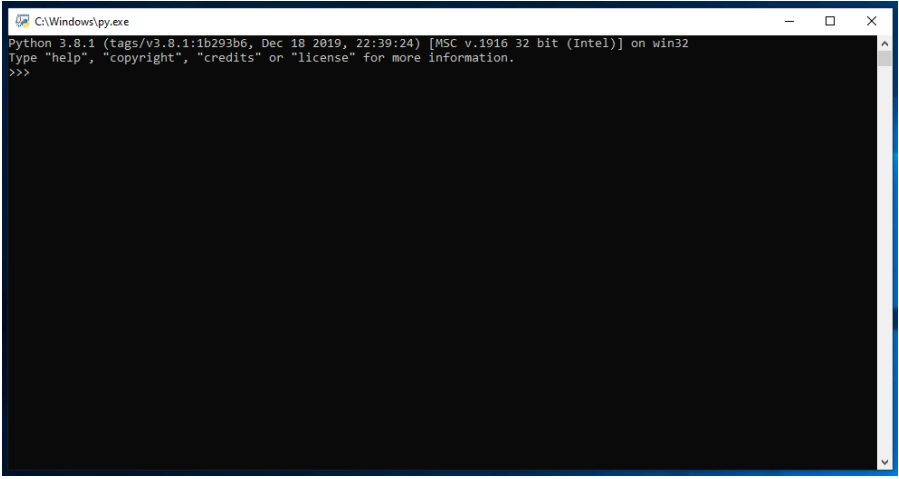
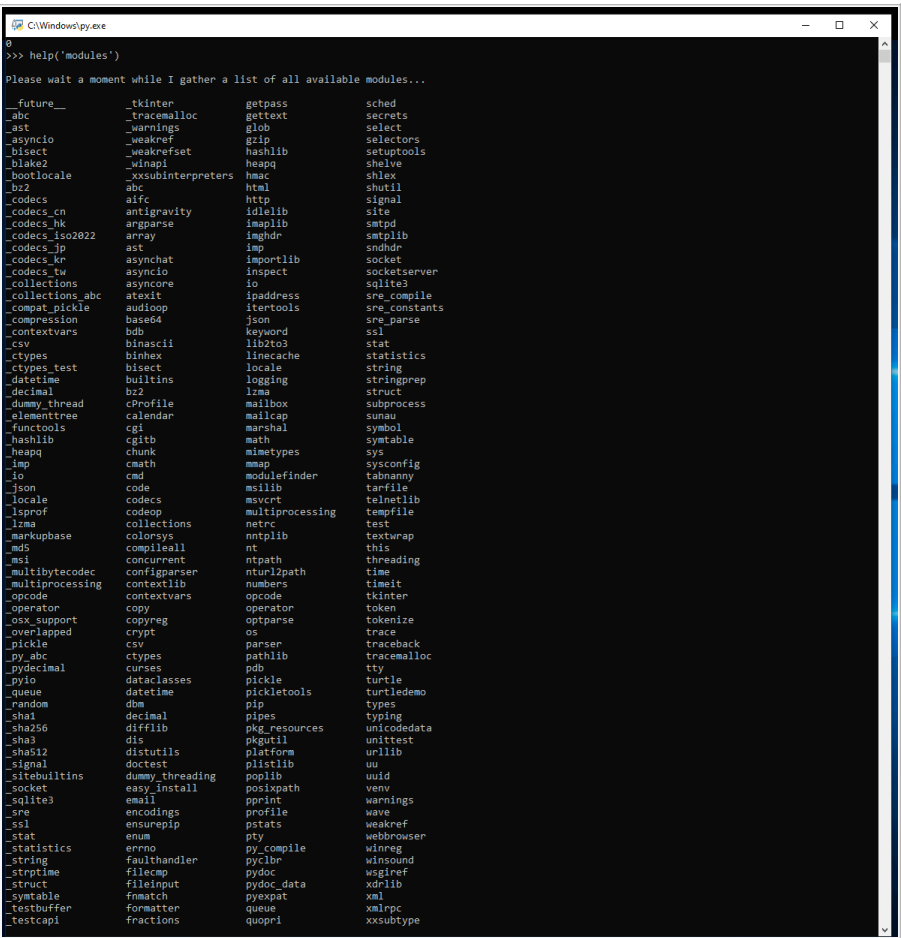
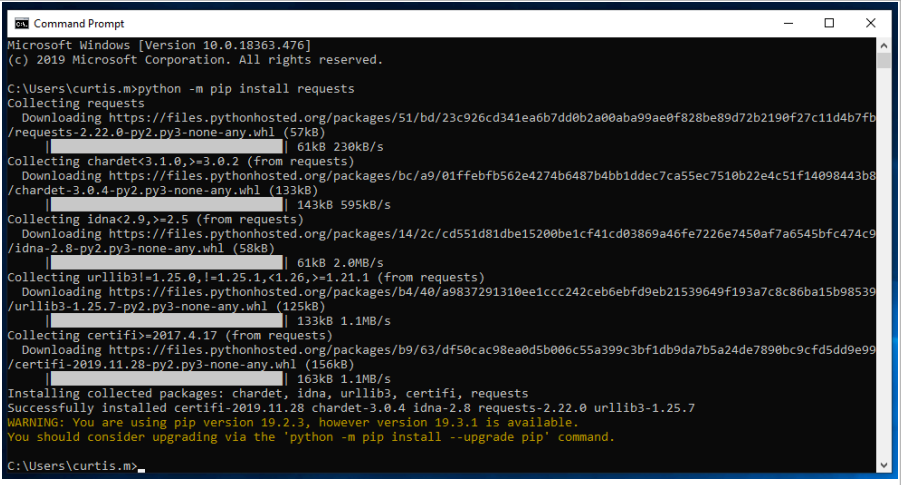


Overview	The script will trigger an On-Demand scan on all Windows Endpoints. It will NOT trigger on Macs, Windows Servers or Linux
Install Python	Follow the Python install guide provided for your OS
Check you have requests installed	
Open Py.exe on Windows Use the Terminal on a Mac	 <p>The screenshot shows the Windows Start menu search interface. The search bar at the top contains the text 'py'. Below the search bar, the results are categorized into 'Best match', 'Search the web', 'Apps (4+)', and 'Folders (1+)'. Under 'Best match', there is a result for 'py' with the icon of a rocket and the text 'Run command'. Under 'Search the web', there is a result for 'py' with the text 'See web results'. Under 'Apps (4+)', there are four results listed. Under 'Folders (1+)', there is one result listed. On the right side of the search results, there is a large card for 'py' with the rocket icon and the text 'Run command'. Below this card, there are three options: 'Open', 'Run as administrator', and 'Open file location'.</p>
	 <p>The screenshot shows a Windows terminal window titled 'C:\Windows\py.exe'. The terminal displays the following text: 'Python 3.8.1 (tags/v3.8.1:1b293b6, Dec 18 2019, 22:39:24) [MSC v.1916 32 bit (Intel)] on win32', 'Type "help", "copyright", "credits" or "license" for more information.', and '>>>'. The terminal is currently in the Python prompt, waiting for input.</p>

<p>Type - <code>help('modules')</code></p> <p>This will list all the modules installed</p>	
<p>Note <code>csv</code> and <code>datetime</code> are installed already</p> <p>We will need to install some Modules</p>	
<p>PC</p>	<p>Open an Elevated Command Prompt</p>
<p>Type - <code>python -m pip install requests</code></p> <p>Note there is a module called <code>request</code>. We need <code>requests</code></p>	
<p>Mac</p>	<p>Open Terminal</p>

```
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

```

michaelcurtis@BUK-QN-55185 ~ % python3 -- pip install requests
Collecting requests
  Using cached https://files.pythonhosted.org/packages/51/bd/23c9e6d341eaab7dd0b2a80bae99ae0f82bae09d72b190f27c1ddab7fb/requests-2.22.0-py2.py3-none-any.whl
Collecting certifi>=2017.4.17 (from requests)
  Using cached https://files.pythonhosted.org/packages/b9/6f/d58cac98a8dd5886c55a39c3bf1db9da7b5a2da4e789bcbcf5dcdd9e99/certifi-2019.11.28-py2.py3-none-any.whl
Collecting idna<=2.9,>=2.6 (from requests)
  Using cached https://files.pythonhosted.org/packages/14/2c/cd55d81dbe15280belf41cd8389a4a6fe7226a7458a7f6a545cf4c749c/ida-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/a9/01ffebf562e4274b6a87f44b1dd0ec7ca55c751b2dc2545f14998438b/chardet-3.0.4-py2.py3-none-any.whl
Collecting urllib3<=1.26.0,!=1.25.1,<1.26,>=1.21.1 (from requests)
  Using cached https://files.pythonhosted.org/packages/08/74/6e492745d20f96f7d09332bb2b89b18009095733492eb88ea4fe9a2b77f/urllib3-1.25.0-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 urllib3-1.25.0
WARNING: You are using pip version 18.2.0, however version 20.0.2 is available.
You should consider upgrading via the 'pip install --upgrade pip' command.
michaelcurtis@BUK-QN-55185 ~ %

```

Note `help('modules')` now lists requests in the Python shell


```
testconsole      fractions      duopri          walrpc
_testimportmultiple ftplib      random          xxsubtype
_testmultiphase  functools    re             zipapp
_thread          gc           replib        zipfile
_threading_local genericpath    requests       zipimport
_tkinter         getopt       ricompleter    zlib

Enter any module name to get more help. Or, type "modules spam" to search
for modules whose name or summary contain the string "spam".

>>>
```

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

[illegible]

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

<p>Click show secret. Once you close this screen you won't be able to see this again</p> <p>Record this information. You will need it for the config file</p>	<p>API credential summary</p> <table> <tr> <td>Name</td><td>Script Access</td></tr> <tr> <td>Created on</td><td>Feb 1, 2020</td></tr> <tr> <td>Expires on</td><td>Jan 31, 2023</td></tr> <tr> <td>Description</td><td>Script Access</td></tr> <tr> <td>Client ID</td><td>984bc1a1-02b6-44ff-89eb-6c1622c6cc2c Copy</td></tr> <tr> <td>Client Secret</td><td>Show Client Secret</td></tr> </table> <p><small>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.</small></p>	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
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												
We now need to edit the Trigger_On_Demand_Scan.c onfig file	<p>[DEFAULT]</p> <p>ClientID:<put clientID here></p> <p>ClientSecret:<put clientSecret here or leave blank to enter manually></p>												
Example	<p>[DEFAULT]</p> <p>ClientID:8477295f-4f16-47378cd50b05</p> <p>ClientSecret:12a94330c59648151a790ec10e6c6e0fc20f35a4256708</p>												
Make sure the config file is in the same folder as the script													
PC													
From the cmd run the Python script	python Trigger_On_Demand_Scan.py												
Mac													
From Terminal run the Python script	python3 Trigger_On_Demand_Scan.py												