A2019 - Check URLs Threats from VirusTotal Portal

Readme

globaltek SECURITY

Version 1.0

07/08/2020

Table of Contents

1. Introduction

This document contains all essential information for the user to make full use of this A2019 *(Bot/Command Package)*. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the *(Bot/Command Package)*.

1.1 Overview

The Bot extracts information from the web portal virustotal.com based on a suspicious URL. At the entrance waits for a CSV file of the URLs to be queried and generates to the output an excel file with the relevant quantification of your cyber threats.

1.2 Use cases

The key use cases include:

- *Check for a URL the number of malicious threats*
- *Check for a URL the number of malware threats*
- *Check for a URL the number of Phishing threats*
- *Check for a URL the number of Suspicious threats*
- *Get the domain owner email from abuse domain*
- *Get the Abuse domain Contact Phone*
- *Get the Domain Creation Date.*

2. Requirements & Prerequisites

2.1 System Requirements

Enterprise A2019 (Cloud deployed) and Community Edition device requirements.
Machine hardware specifications: 8 GB RAM

Operating system versions: MS Windows 10

Browser types supported: MS Internet Explorer

Command packages: Analyze, Application, Boolean, Browser, Comment, CSV/TXT, Datetime, Delay, Error Handler, Excel Advanced, File, Folder, IF, List, Logtofile, Loop, Message Box, Number, Python Script, Recorder, Screen, Simulate Keystroke, Step, String, System, Taskbot, Windows.

2.2 Prerequisites

Python.exe

Whois64.exe

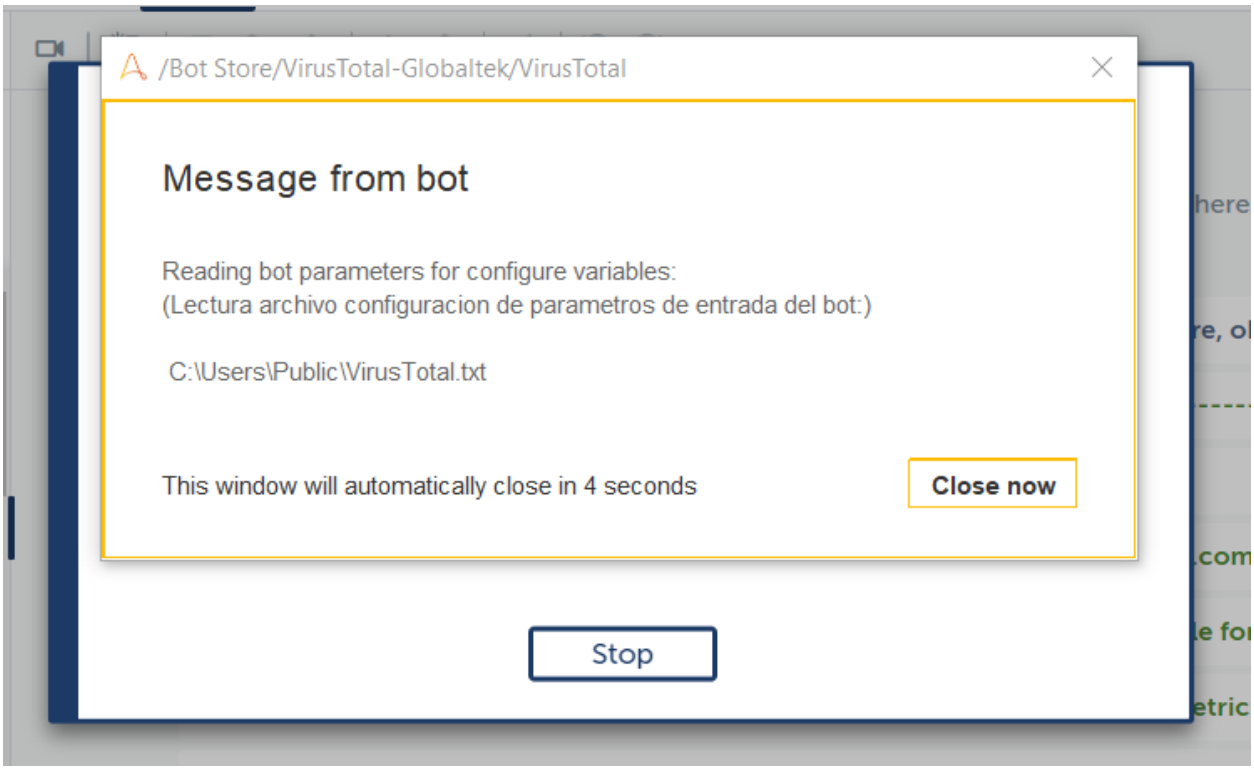
Whois64.bat Wrapper (Included into the A2019 Control Room)

3. Getting Started

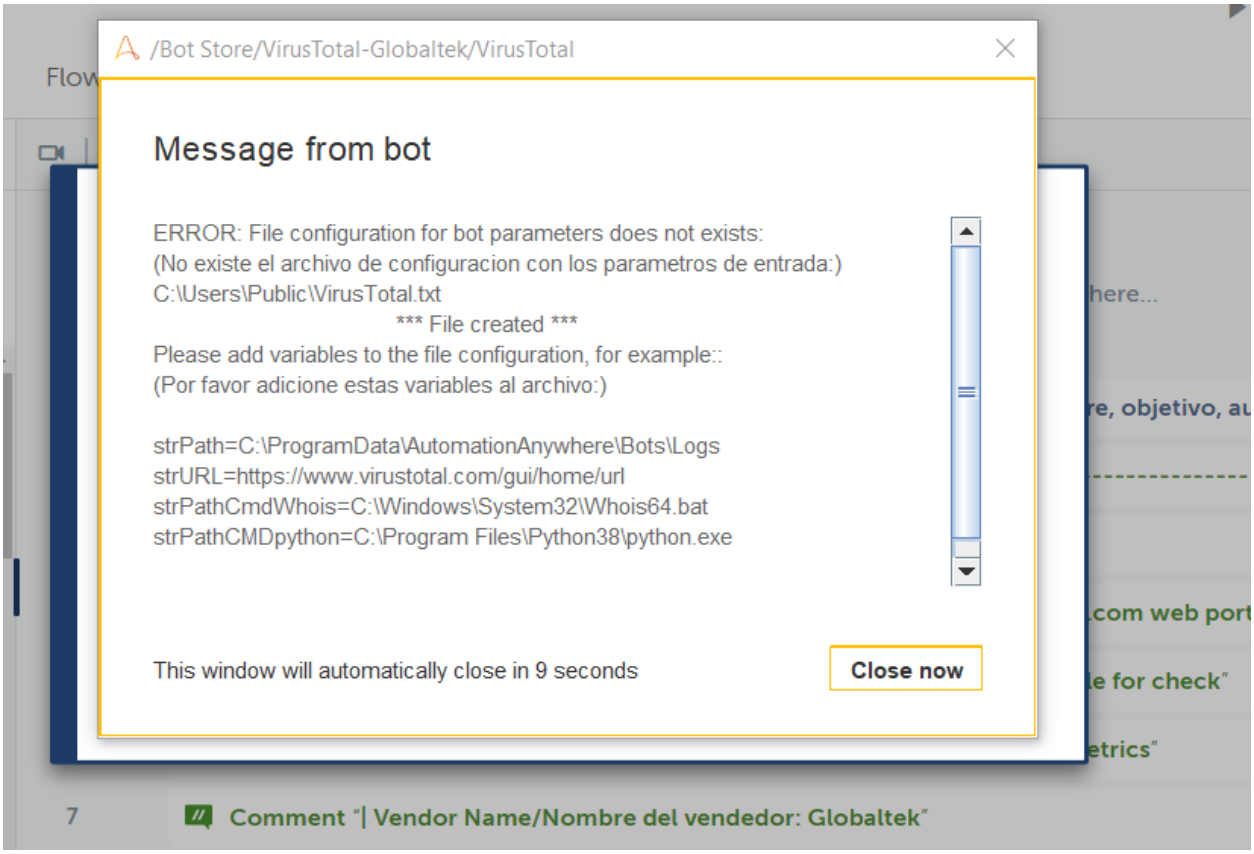
3.1 Quick Start

3.1.1 Setup

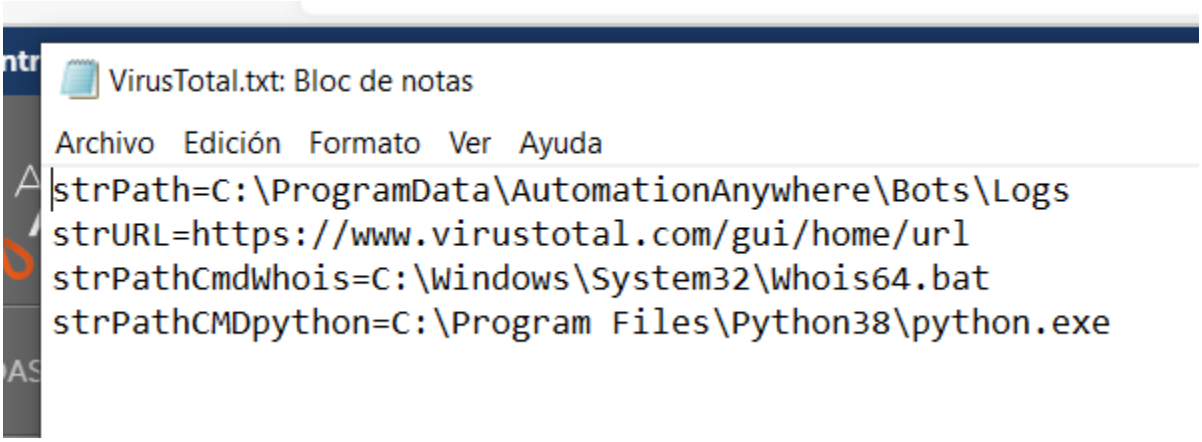
Step 1. First time run the virustotal bot, it looks the file parameters configuration into C:\Users\Public\VirusTotal.txt directory



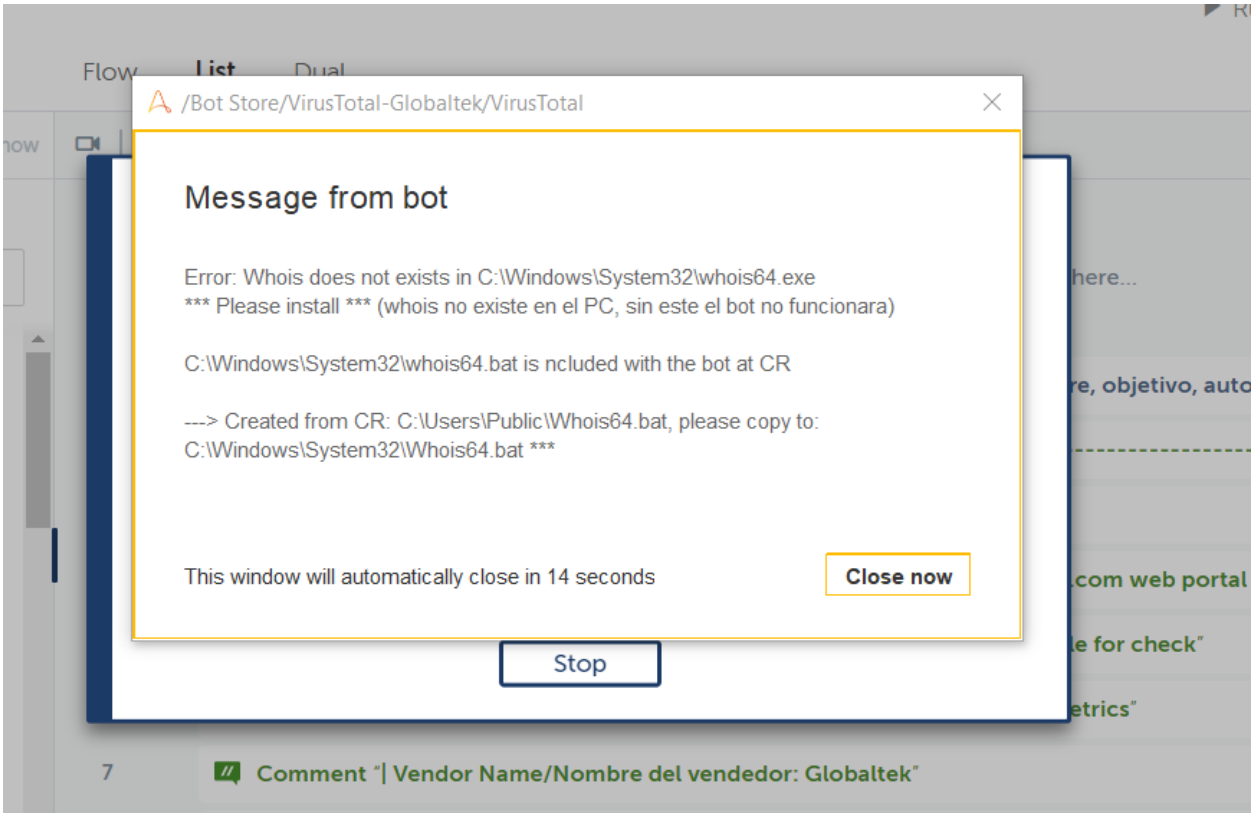
Step 2. If the file configuration does not exist, then it will create a file parameters configuration into C:\Users\Public\VirusTotal.txt directory



Step 3. The bot will automatically open the notepad, please edit and modify the parameters to indicate the preferred working directory

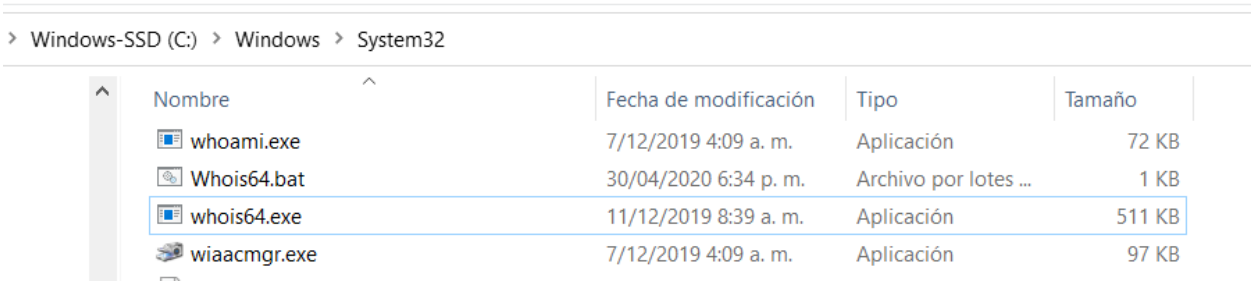


Step 4. Install whois64.exe as an external windows program in the strPathCmdWhois route

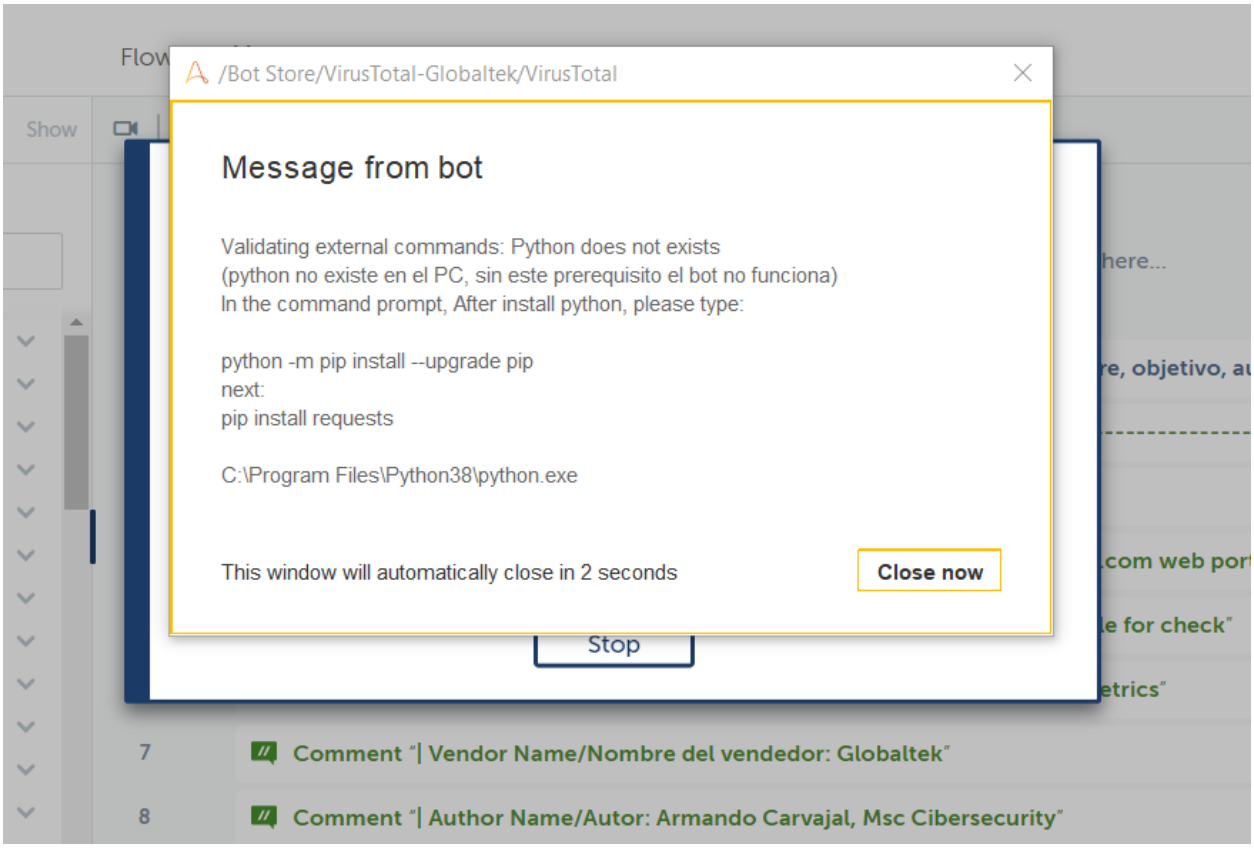


Step 5. Edit if necessary C:\Users\Public\Whois64.bat

Copy C:\Users\Public\Whois64.bat to C:\Windows\System32\Whois64.bat



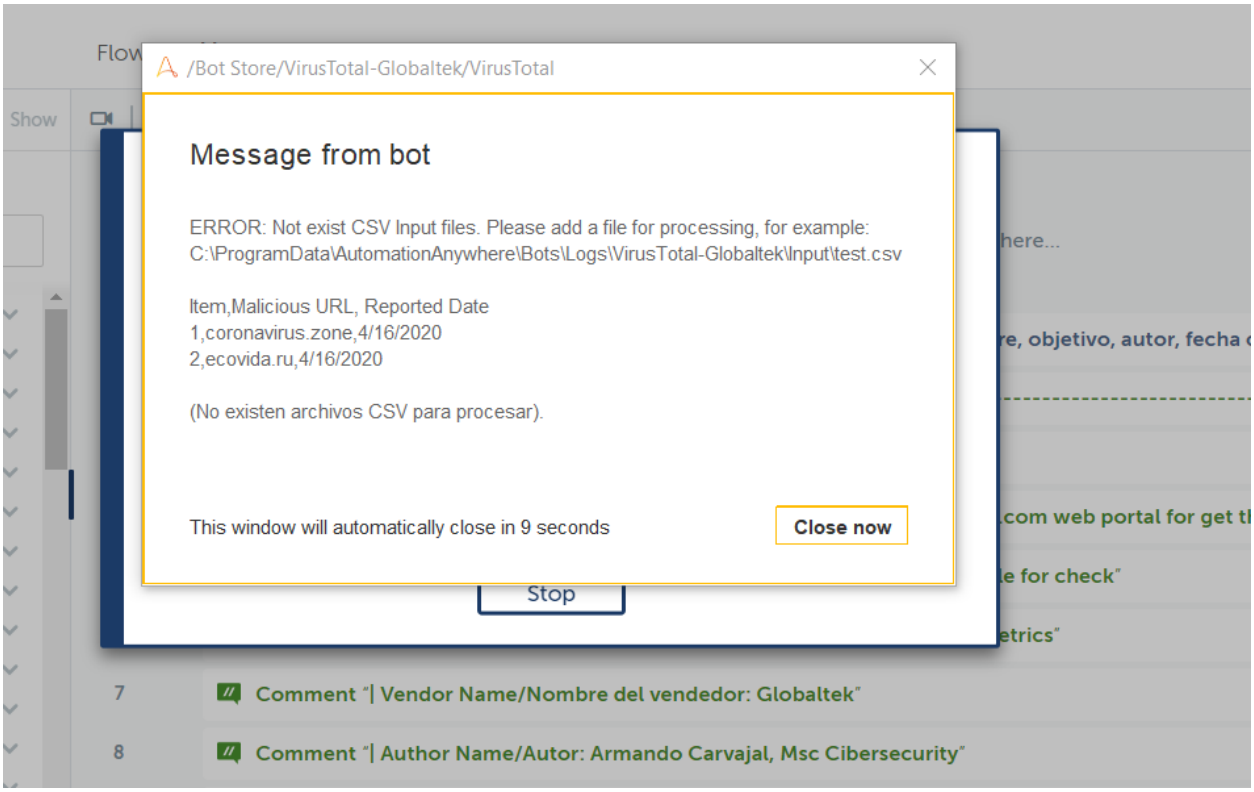
Step 6. Install python as an external windows program in the strPathCMDpython route



End of setup.

3.1.2 Configuration and Use

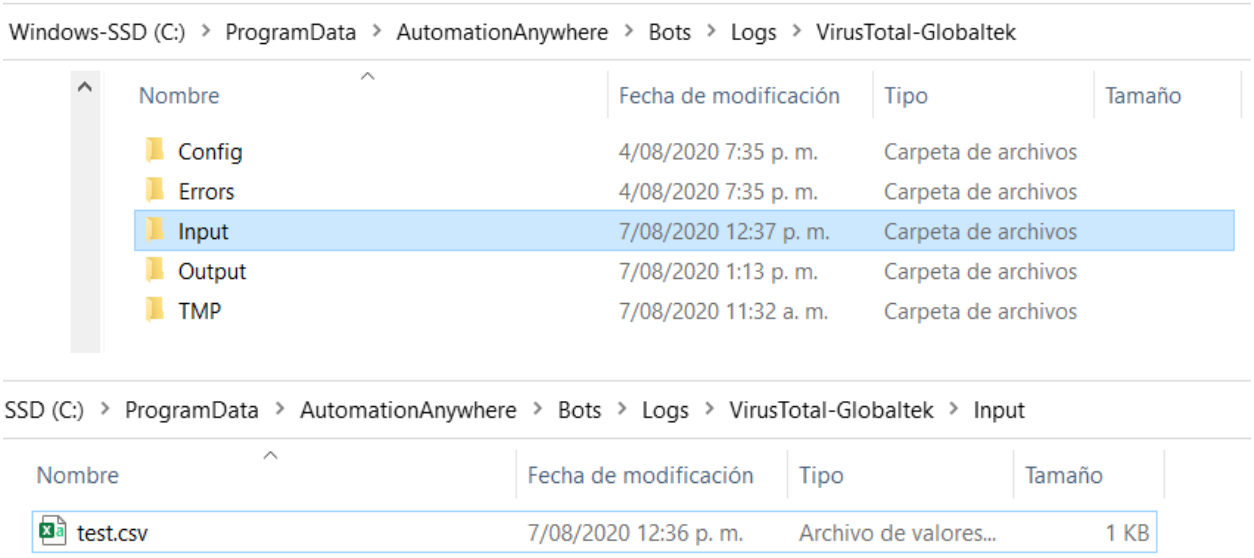
Step 1. After configured the bot, the first time run the bot, the bot automatically looks the CSV file inputs malicious URLS. If the input file does not exist, you will see the next error



Step 2. Prepare a CSV file with malicious URLs, for example the "test.csv" file:

	A	B	C
1	Item	Malicious URL	Reported date
2	1	coronavirus.zone	4/16/2020
3	2	ecovida.ru	4/16/2020
4	3	feenixlanguage.com	4/16/2020
5	4	impots-covid19.com	4/16/2020
6	5	kbfvzoboss.bid	4/16/2020
7	6	pescaturismocorona.it	4/16/2020
8	7	treatmentcovid2019.com	4/16/2020
9	8	update-apk.net	4/16/2020
10	9	www.coronavirus.app	4/16/2020
11	10	https://coronavirus.app/map?selected=zC03Urt1iJJb2Tf6p0jd	4/16/2020
12	11	https://netflix-usa.net/?periodo-de-aislamiento-libre	4/16/2020
13			

Step 3. Please add a file within to the input directory with malicious URLs



End of setup

- *For Configuring the Bot – Configurable variable list:*

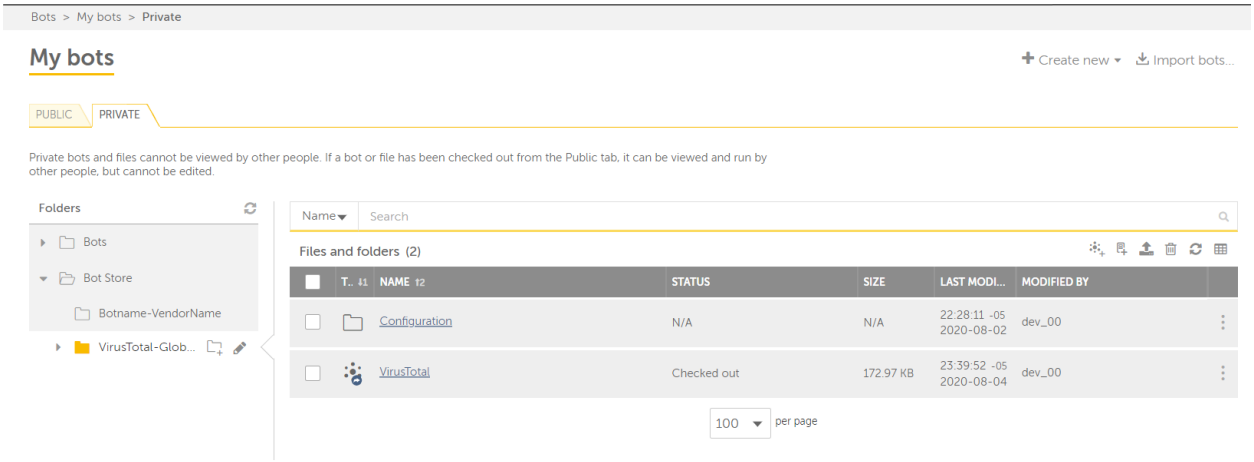
INPUT VARIABLES				
Variable Name	***Type***	***Mandatory***	***Purpose***	***Example Input***
strPath	*String*	*Yes*	*Path for the configure template from which the Bot reads the value from path*	*strPath = C: \ ProgramData \ AutomationAnywhere \ Bots \ Logs*
strURL	*String*	*Yes*	*URL for the configure template from which the Bot reads the value from VirusTotal URL portal*	*strURL = https://www.virustotal.com/gui/home/url*
strPathCmdWhois	*String*	*Yes*	*Path and Executable File Name for the configure template from which the Bot reads the value from.* *Format – Path\Filename. Extension* --- *This wrapper read the executable from whois64.exe*	*strPathCmdWhois = C:\Windows\System32\Whois64.bat*
strPathCMDpython	*String*	*Yes*	*Path and Executable File Name for the configure template from which the Bot*	*strPathCMDpython = C:\Program Files\Python38\python.exe*

			reads the value from. *Format – Path\Filename. Extension* ***This is the executable from python.exe***	

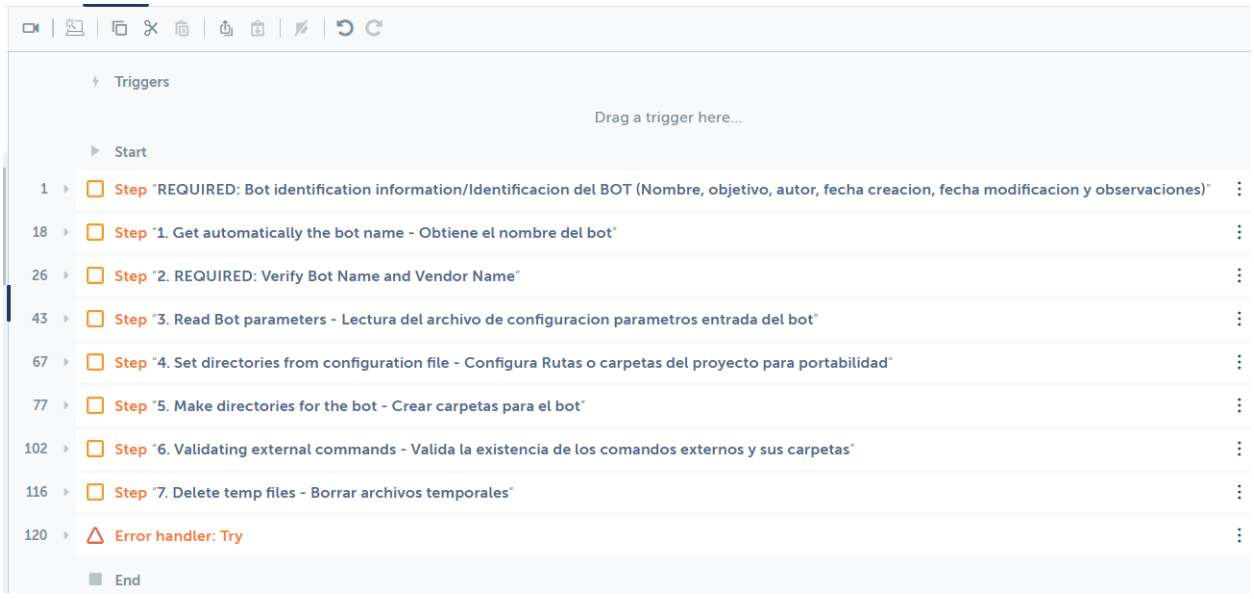
End of configurable variable list.

. *Explain how a customer can use the bot once it's configured – walk through examples.*

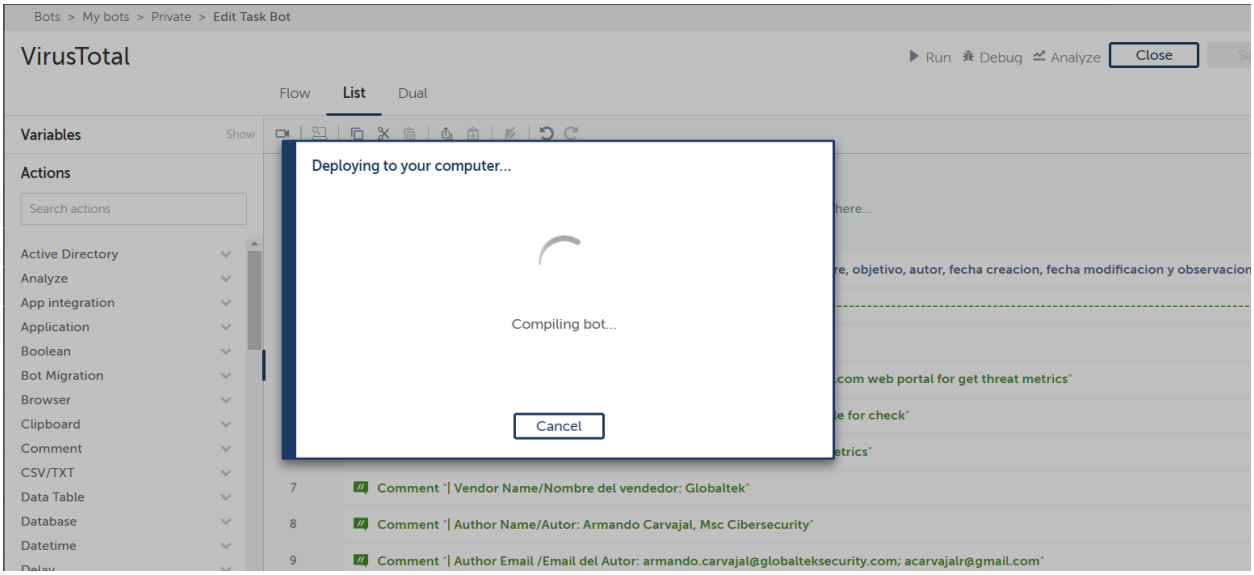
Step 1. Open the virustotal bot at the private bot store (Control Room A2019)



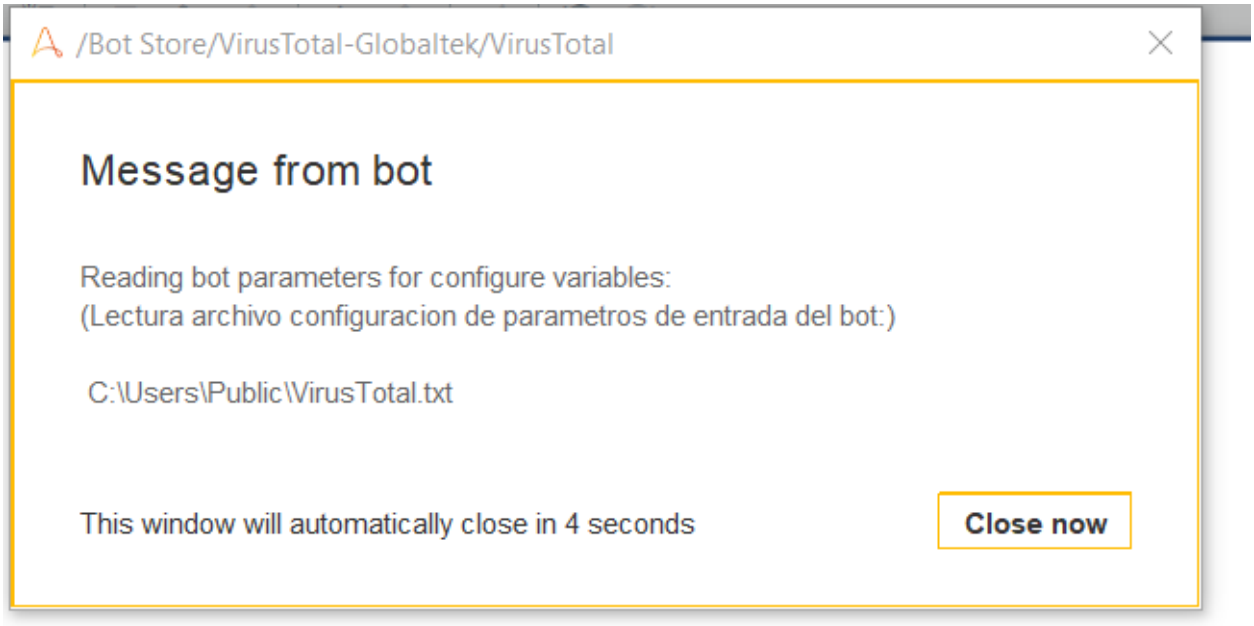
Step 2. Edit the VirusTotal bot



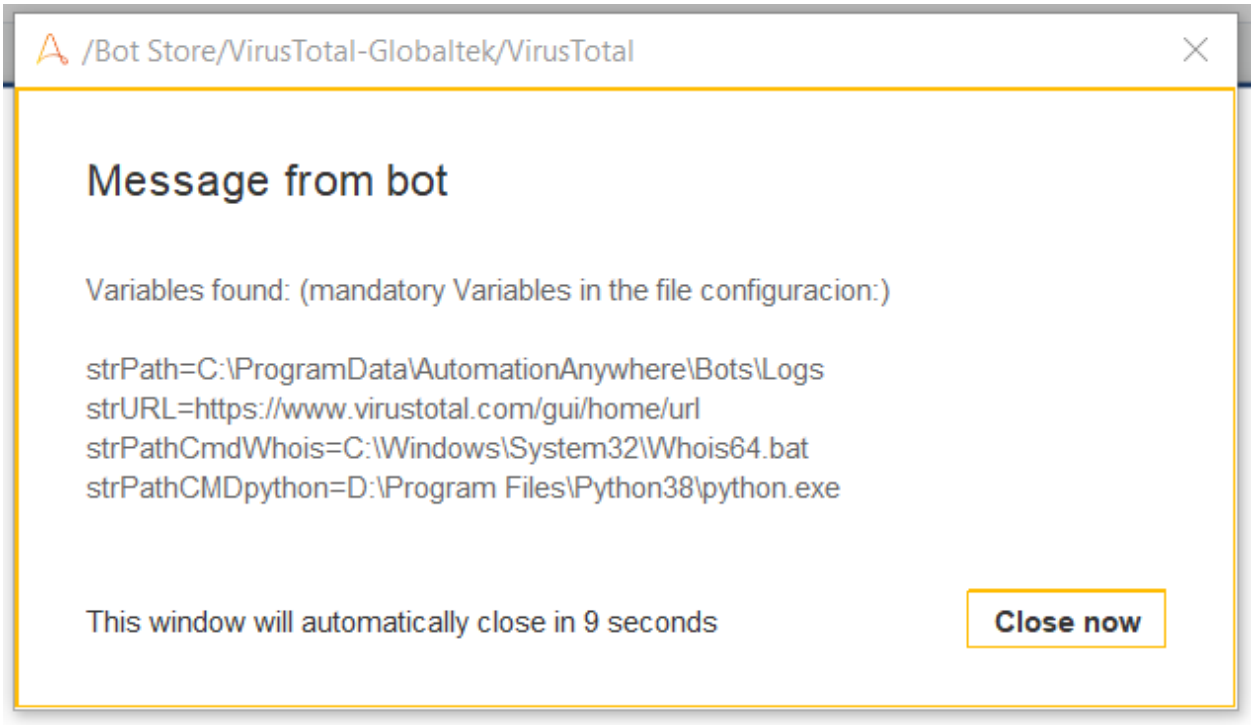
Step 3. Run the VirusTotal bot



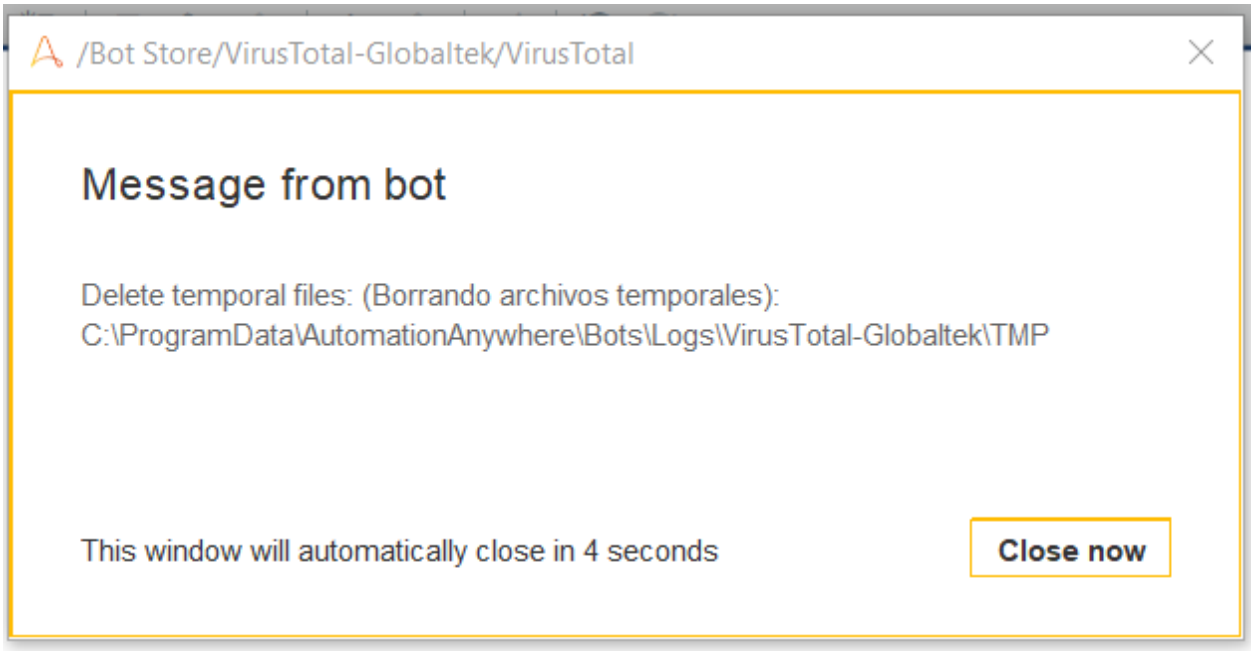
Step 4. Reading bot parameters



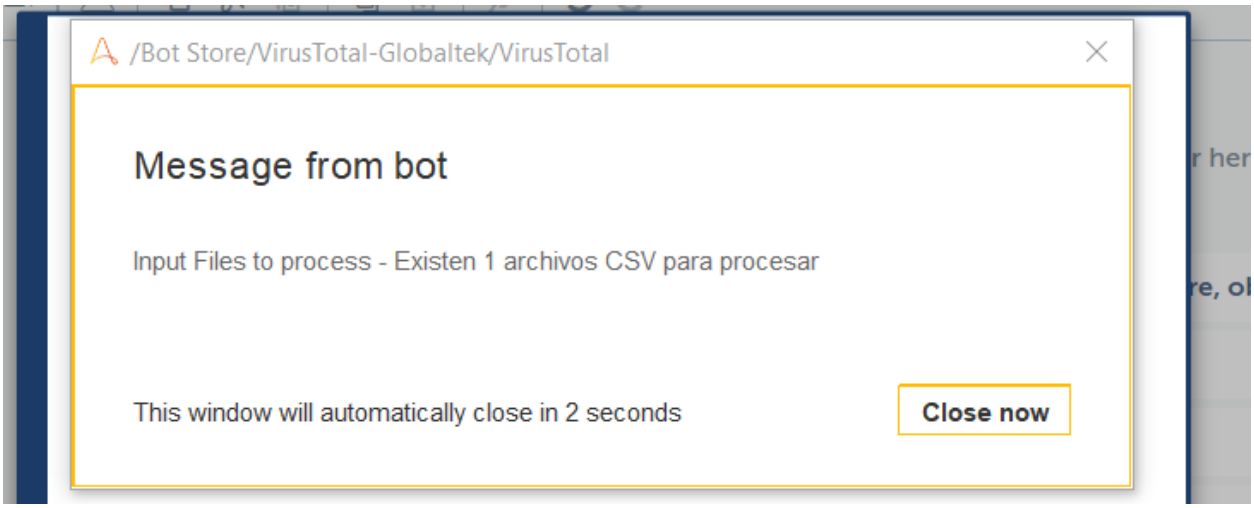
Step 5. Load parameters configuration



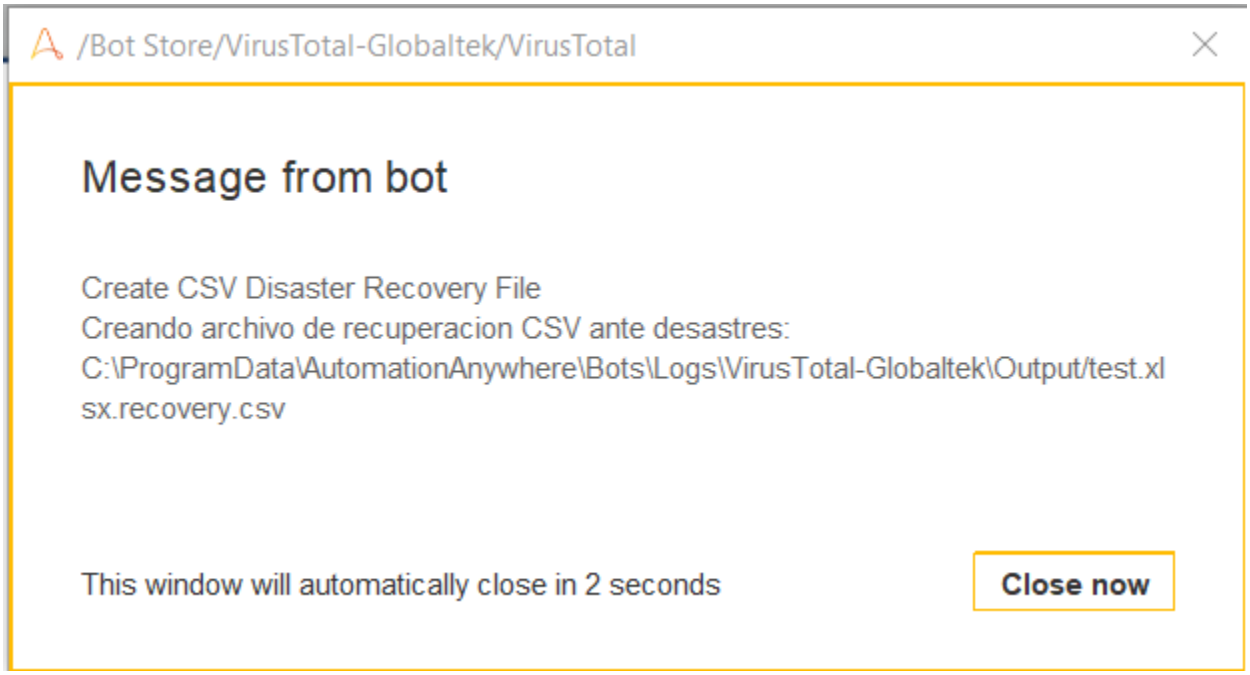
Step 6. Delete temporal files



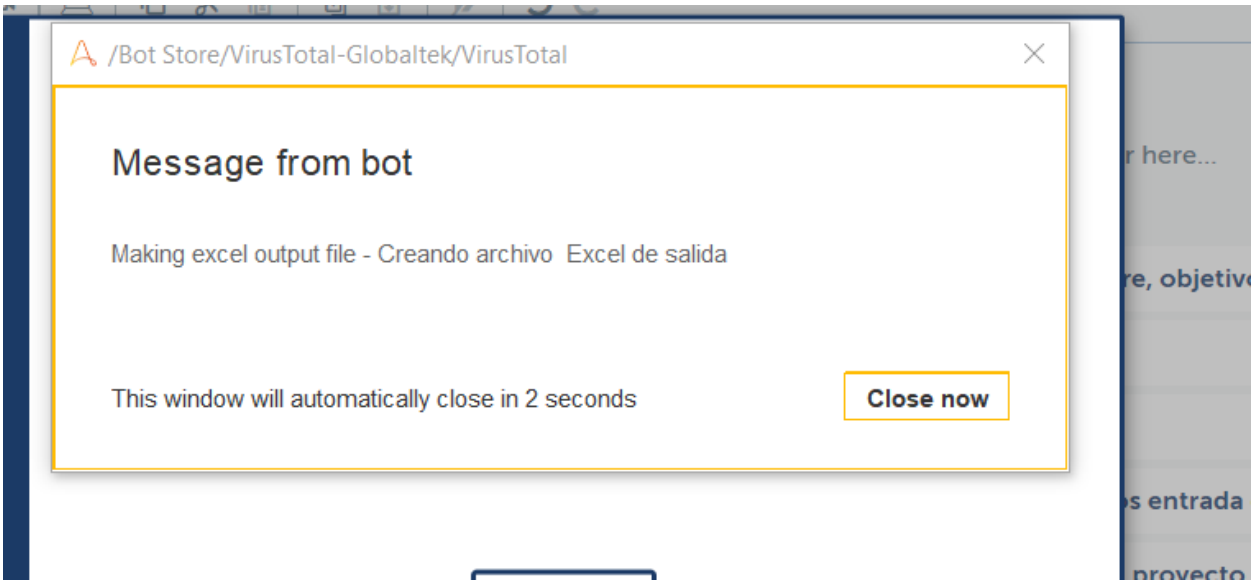
Step 7. Input files to process



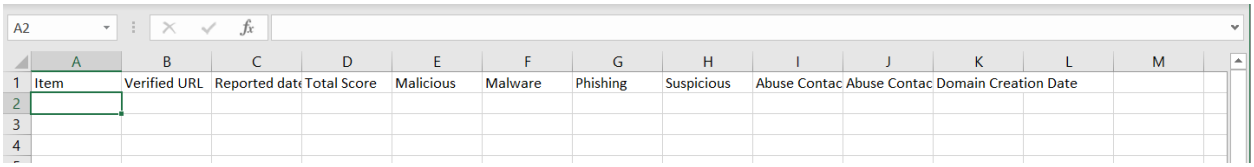
Step 8. Create CSV disaster Recover file



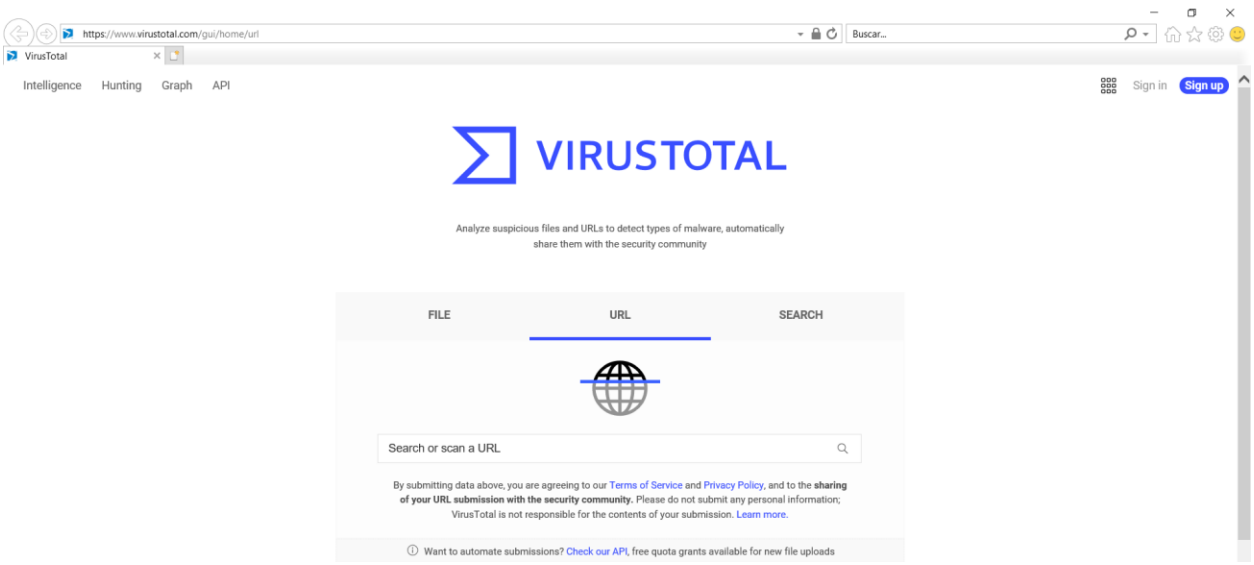
Step 9. Make excel output file



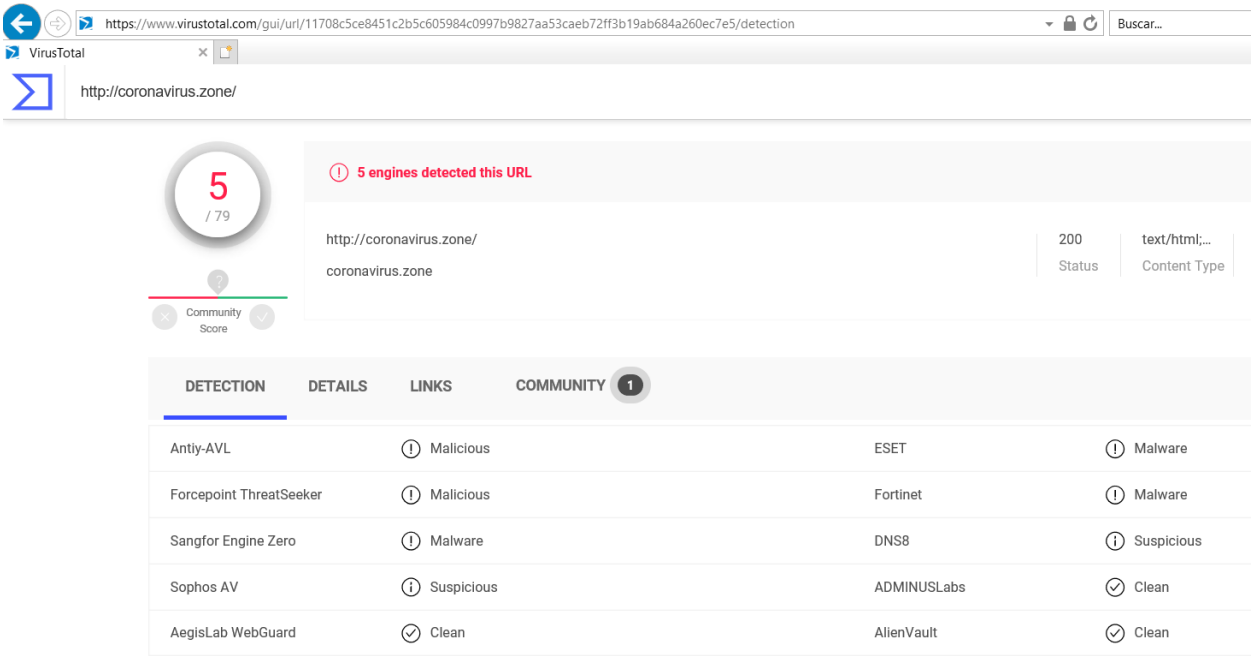
Step 10. Excel headers for the output



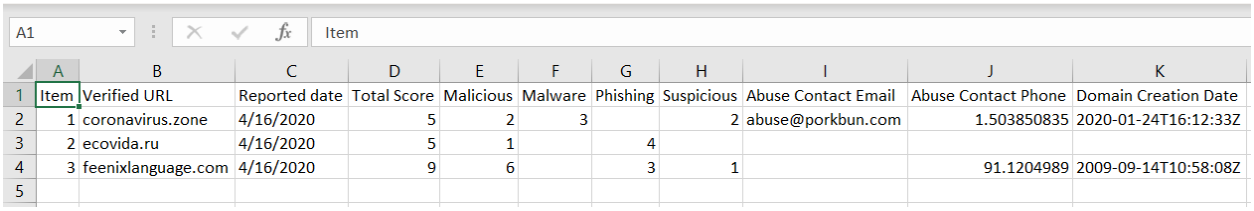
Step 11. Open the virustotal portal and put the malicious URL



Step 12. Gets information about malicious URL threats



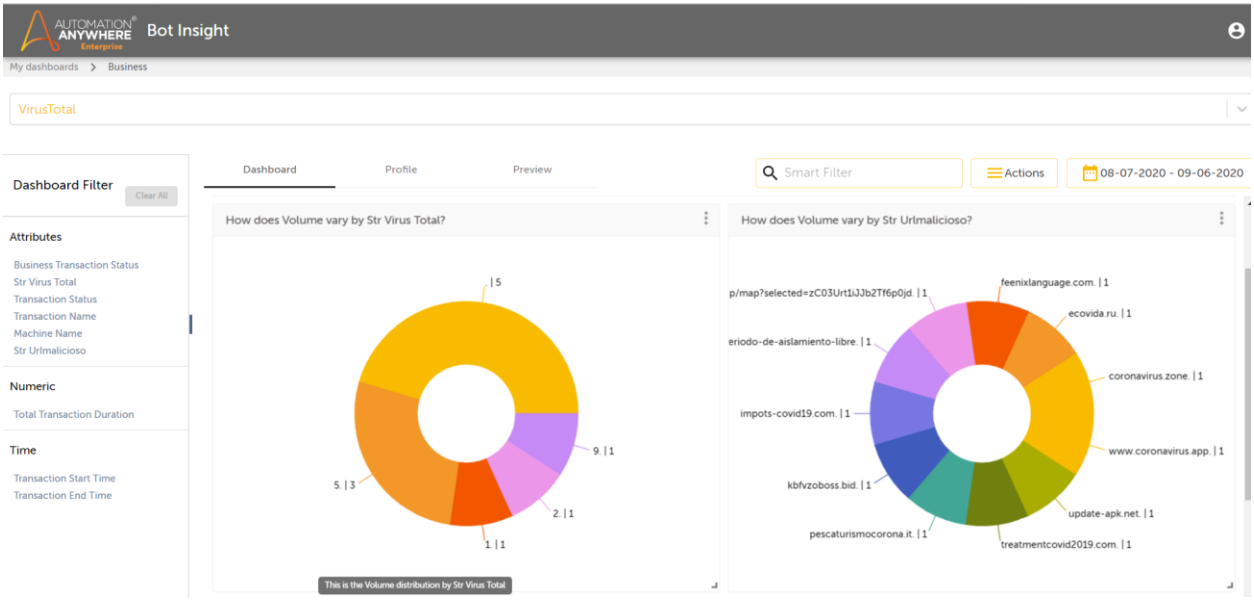
Step 13. The excel output file when finish the process



A1 | Item

	A	B	C	D	E	F	G	H	I	J	K
1	Item	Verified URL	Reported date	Total Score	Malicious	Malware	Phishing	Suspicious	Abuse Contact Email	Abuse Contact Phone	Domain Creation Date
2	1	coronavirus.zone	4/16/2020	5	2	3		2	abuse@porkbun.com	1.503850835	2020-01-24T16:12:33Z
3	2	ecovida.ru	4/16/2020	5	1		4				
4	3	feenixlanguage.com	4/16/2020	9	6		3	1		91.1204989	2009-09-14T10:58:08Z
5											

Step 14. The Insight output



End of user guide

4. Support & FAQs

4.1 Support

Free bots are not officially supported. You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on APeople – the Bot Building Forum, the Bot Store Support Forum, or the Developers Everywhere Group.
- Automation Anywhere also provides a Product Documentation portal which can be accessed for more information about our products and guidance on Enterprise A2019.

4.2 FAQs

Instructions: Add any Frequently Asked Questions related to Bot that you think would be helpful to the customer

For questions relating to Enterprise A2019: See the Enterprise A2019 FAQs.

Appendix A: Record of Changes

Instructions: Provide information on the version number, the date of the version, the author/owner of the version, and a brief description of the reason for creating the revised version.

No.	Version Number	Date of Change	Author	Notes
1	*1.0*	*August 7, 2020*	*Armando Carvajal*	*Public in Bot store* *Whois wrapper support*

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click here
2	Guidance: Building basic A2019 bots	Click here
3	Guidance: Building A2019 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here