AXXYS
TECHNOLOGIES

Assessment Tool

Download assessment tool from website (NetworkDetectiveDataCollector.exe)
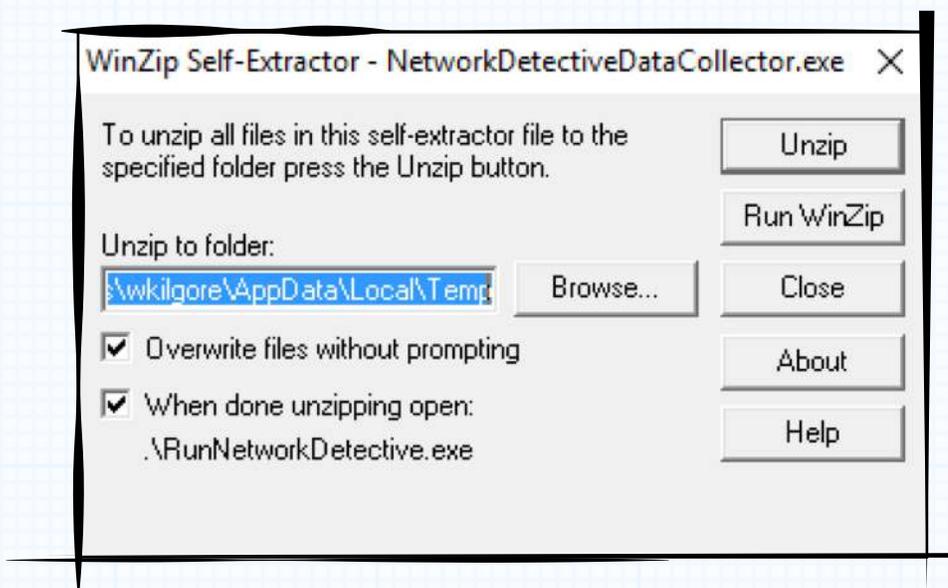
https://s3.amazonaws.com/networkdetective/download/
NetworkDetectiveDataCollector.exe

Information that will be requested includes:

- Administrative credentials for Active Directory Domain

- IP Addresses of subnets that are to be evaluated

- SNMP community string for walking appliances/devices

Run NetworkDetectiveDataCollector from a workstation or server attached to the network for auditing.

Choose the folder for unpacking the compressed application

WinZip Self-Extractor - NetworkDetectiveDataCollector.exe ✕

To unzip all files in this self-extractor file to the specified folder press the Unzip button.

Unzip to folder:

:\wkilgore\AppData\Local\Temp   Browse...

☑ Overwrite files without prompting

☑ When done unzipping open:
    .\RunNetworkDetective.exe

Unzip

Run WinZip

Close

About

Help

If you receive a warning about running as Administrator, close the program....right-click the NetworkDetectiveD -ataCollector.exe and choose "Run As Administrator"

The Network Detective application will launch and you can now select the type of audit you would like to run, generally this will be the Network Data Collector for most use cases.
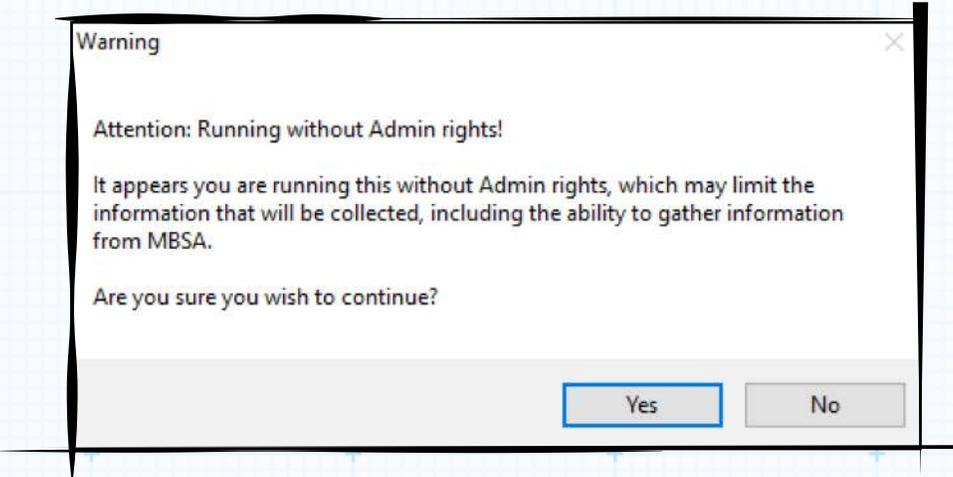

Click Next unless wanting to perform a local data collection or security data collection, in which case we recommend that you work with the Axxys support team to ensure that all details and prerequisites are in place.
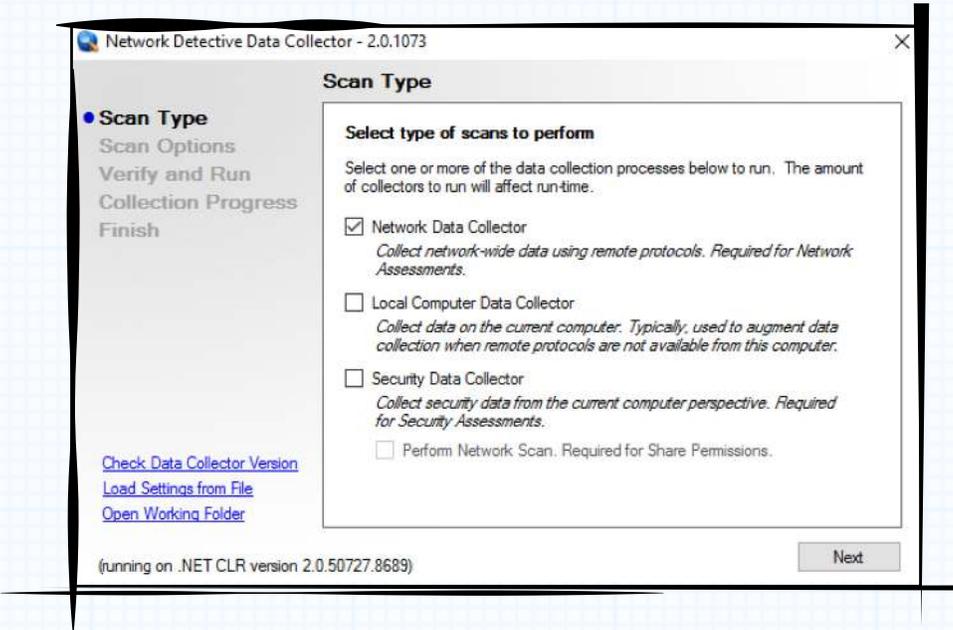
Enter in the Active Directory credentials for your network. This will allow the application to run WMI and registry queries against machines that are powered on, as well as review Active Directory for machine accounts and user/group accounts. Once entered, click next. The credentials will be tested and verified against the domain controller.
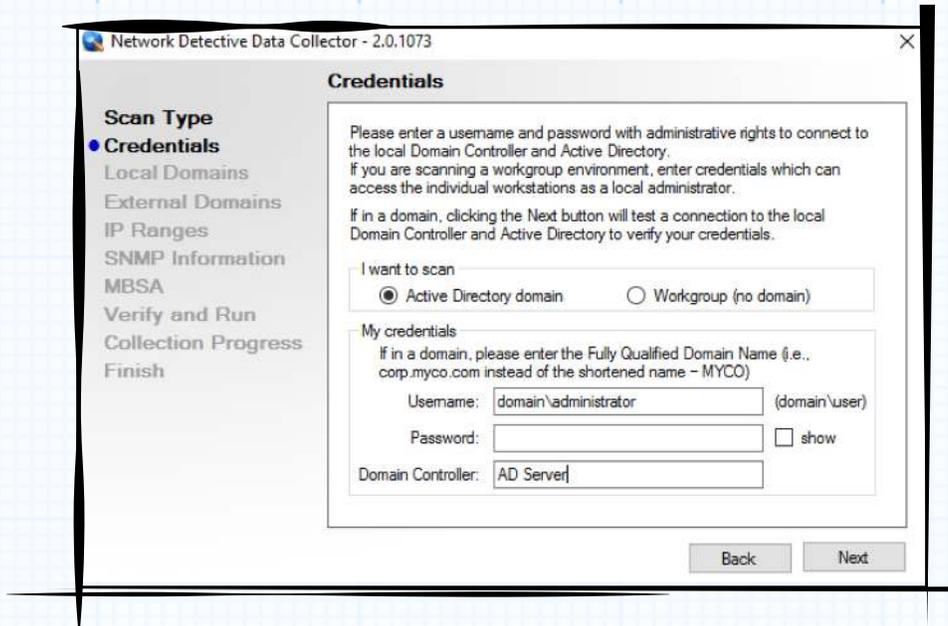

Choose to gather information on all domains, unless you need to specifically exclude some items such as OUs. Click Next.
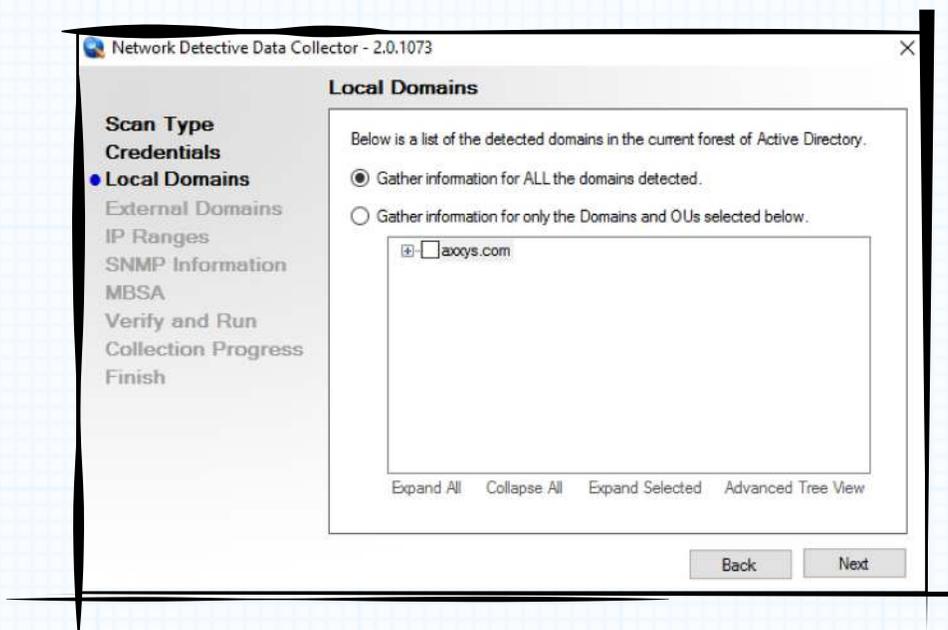
To gather information against public faces entities such as web sites, mail relays, etc. enter in your external DNS domain names and the system will look up those details to correlate to collected internal data. Once complete, click Next.
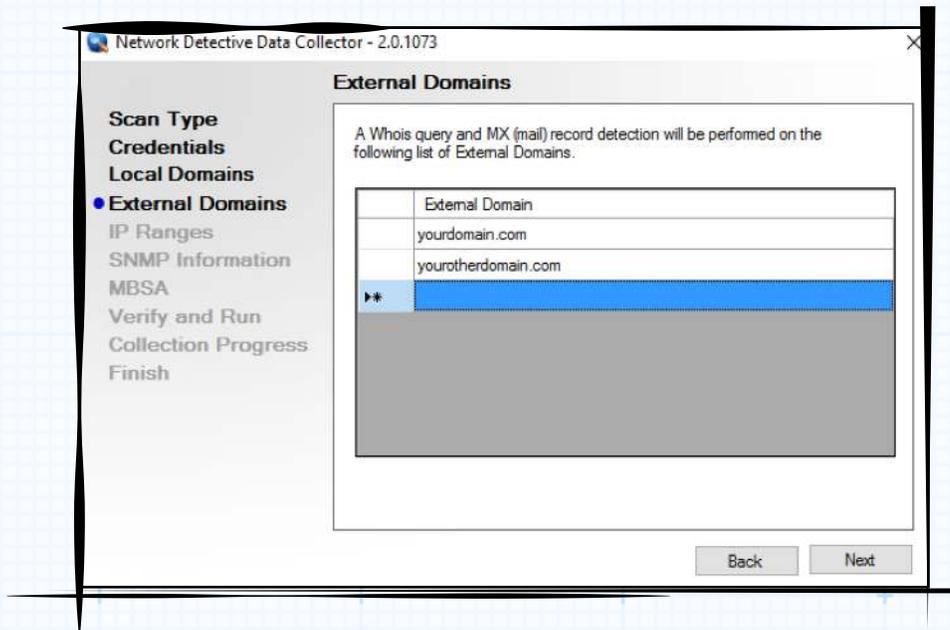

Next you'll want to enter in subnets for all items that you wish to analyze. For larger networks with multiple VLANs and subnets, this will be somewhat tedious, but we recommend using the most precise blocks of addressing possible to avoid exhaustive scans against devices or ranges that are not in use. Once complete, click Next.
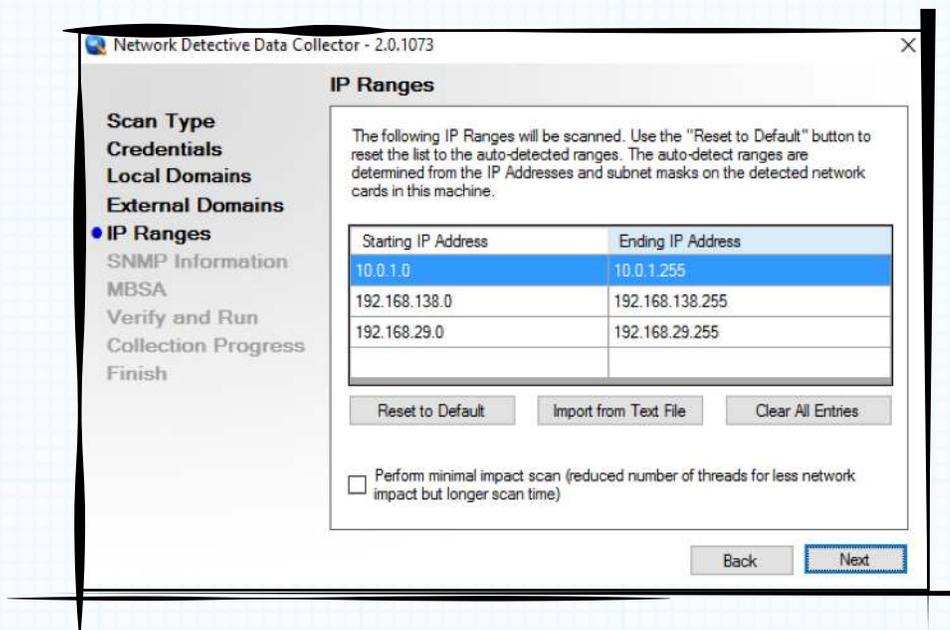
Enter in any read-only community strings in use for SNMP. This will be used to evaluate and interrogate network devices, printers, or other appliances that are capable of SNMP walks. Click next.
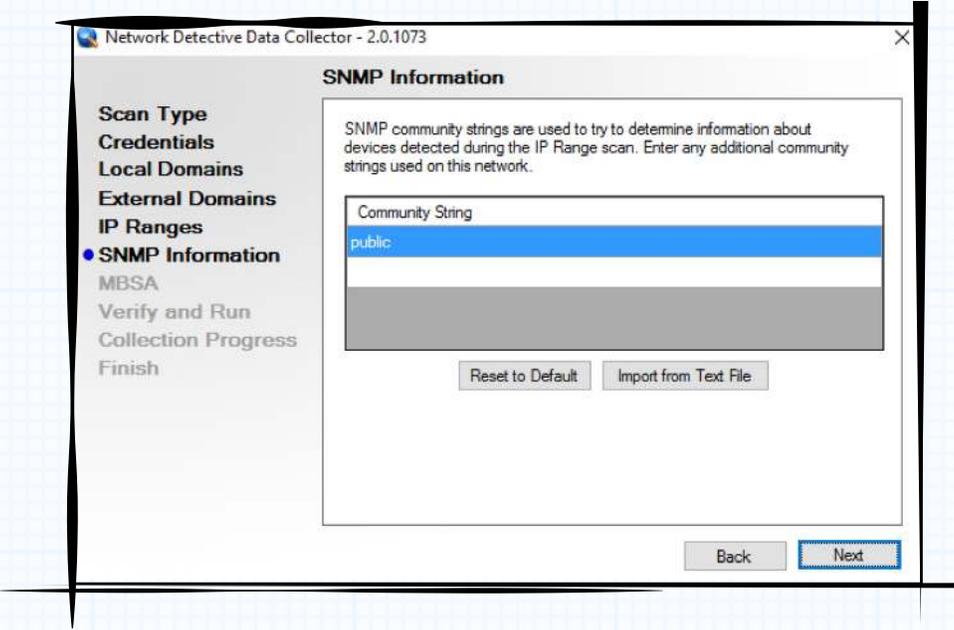

To include a baseline for patches (via Microsoft Baseline Security Analyzer) you will need to have already installed MBSA. For most audits this is not required, but if the information is needed or desired, please install MBSA, then restart the Network Detective Data Collector. When ready to proceed click Next.
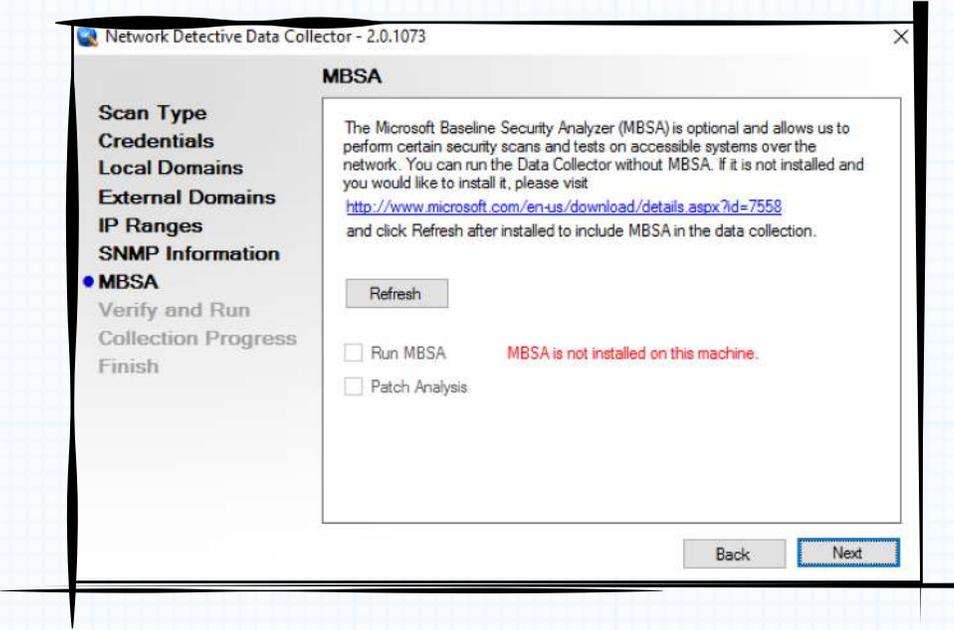
Make note of the folder and name of the file that will be created, as this will need to be uploaded to Axxys for processing and output. Click Start to run the Analyzer against your system. This process may take up to a few hours depending on the number of subnets and devices it must evaluate. Click Start and wait for the process to complete.
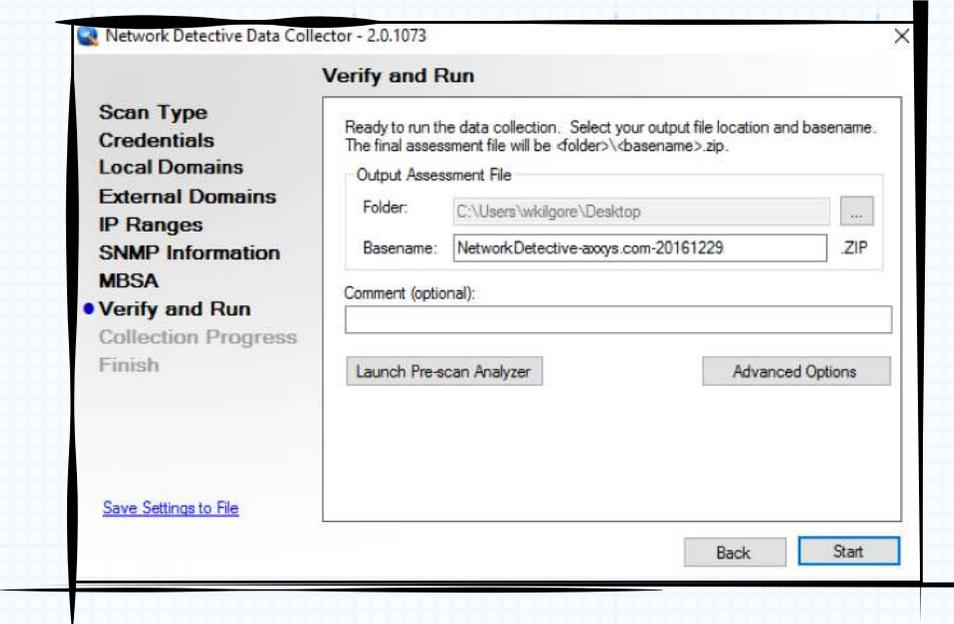

While in progress the status screen will update as it gathers information for each step. If you feel like you simply cannot wait for the program to finish, but feel like you have enough information, click on Wrap It Up and the program will finish its current threads and exit. Hopefully we can wait until the process is complete.
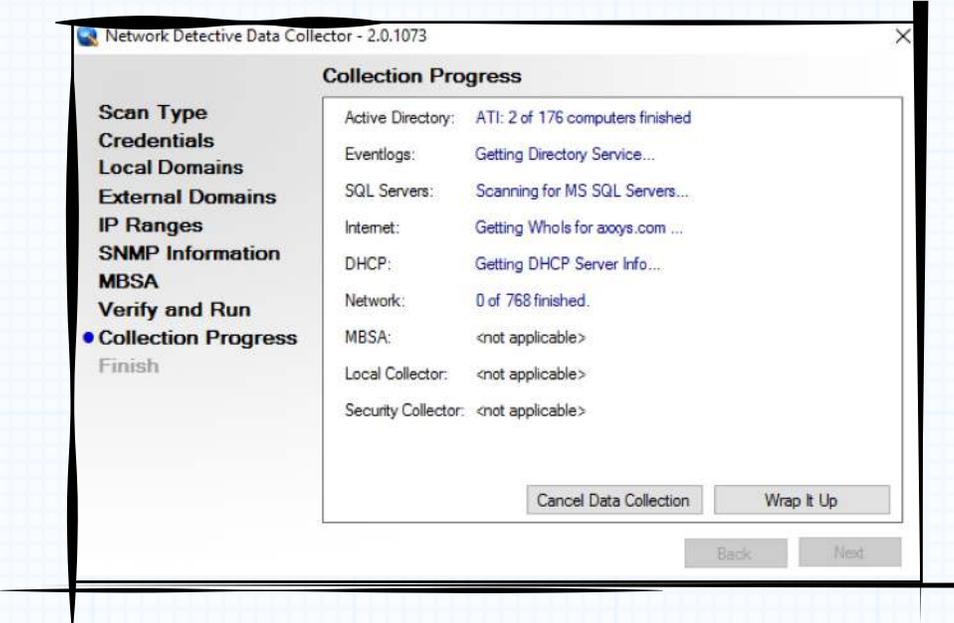
If prompted to allow functions during the analysis, click Allow Access. The Network Detective application will invoke available tools built into the workstation/server that is running the assessment to collect information on remote devices and the network.
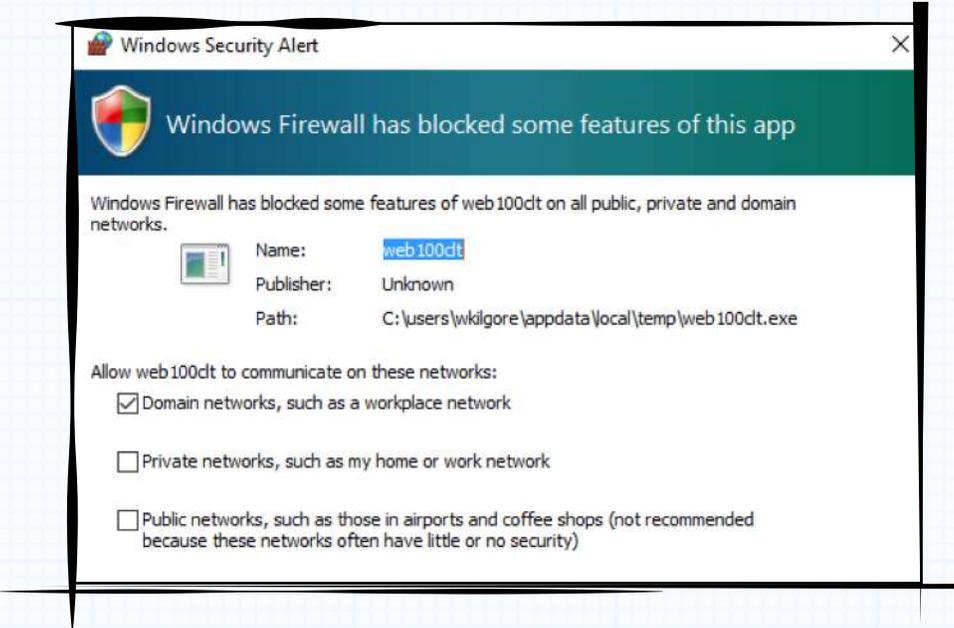

If wrap it up is chosen, for example after all collection has completed except for the last few Internet Speed Tests, click OK to approve the partial collection.
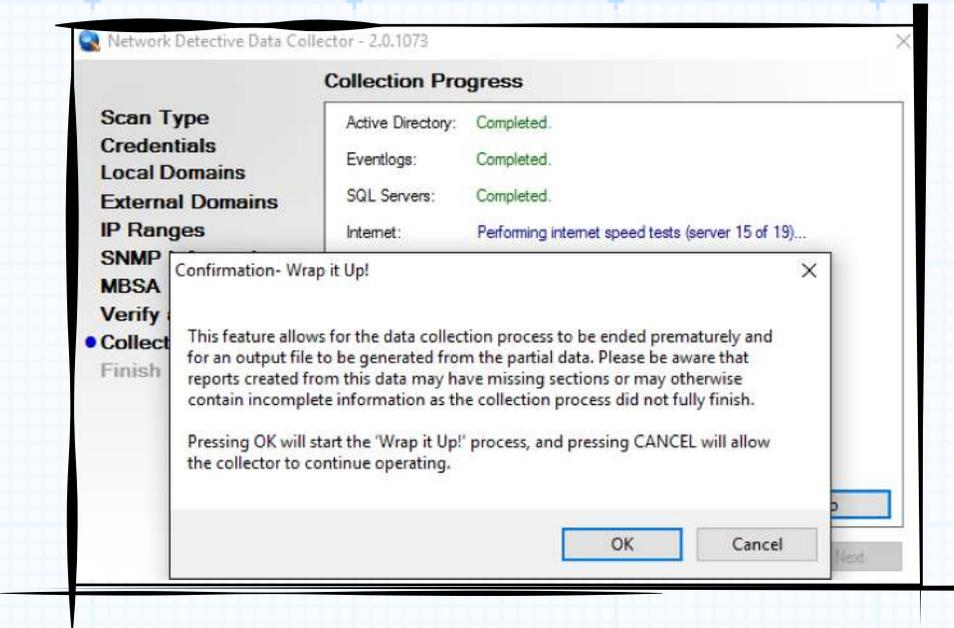
The system will begin to collate the collected data into a single input file which will need to be sent to Axxys for processing and output file development which will include Excel spreadsheets, Word documents, and Powerpoint slides with all of the collected data.
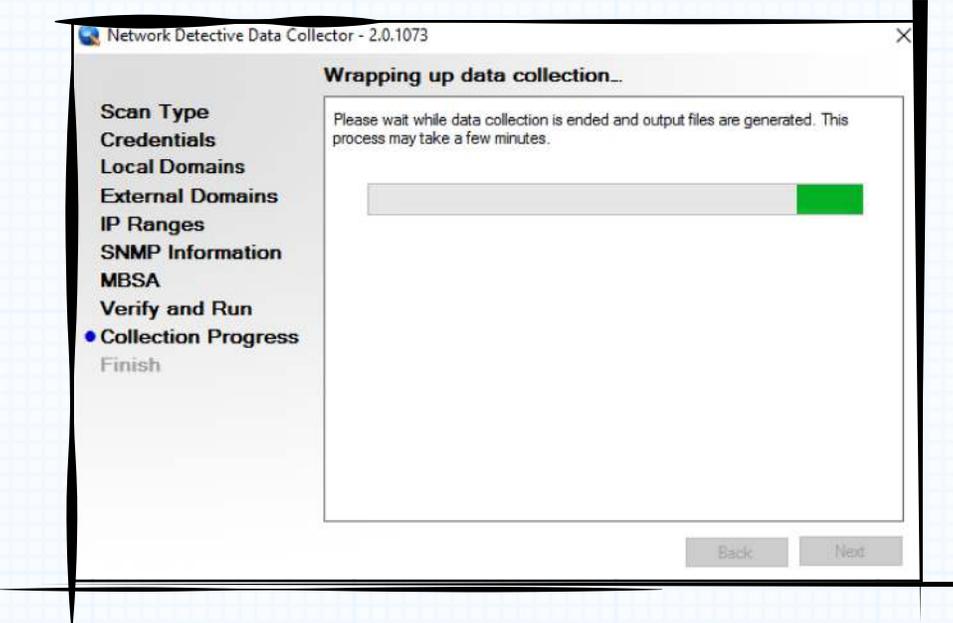
Click open folder to go to the output file that was generated. Click Done to close out the Data Collector program. At this point, we need to locate the output file, and send that to Axxys support for review and processing.
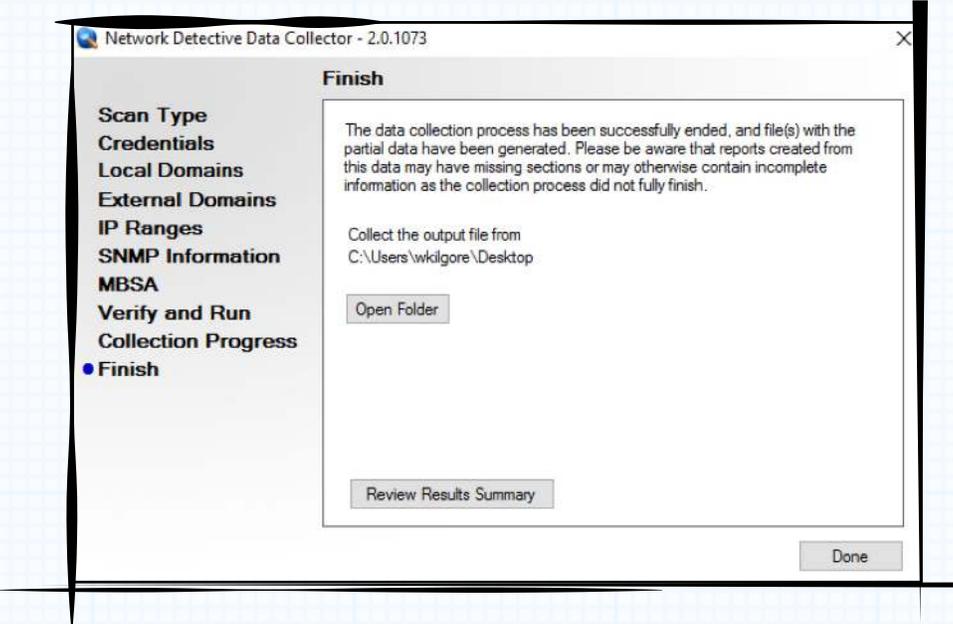
Depending on the size of the network and devices, the file will vary in size. Upload to a file sharing application and/or email the file to Axxys for processing. The output files will then be made available for review.

| NetworkDetective-axxys.com-20161229 | 12/29/2016 1:34 PM | Compressed (zipp... | 4,090 KB |