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IT419 SCHIPPERS

LAB3

08/01/2023

19. **Compare the scan results on the Windows XP machine to the scan results to Nessus. To complete the lab, answer the following questions, utilize screenshots from both scanners:**

* 1. **How many vulnerabilities did Nessus find on the target?**

According to my screenshot Nessus found 27 vulnerabilities.

* 1. **How many vulnerabilities did OpenVAS find on the target?**

According to my screenshot OpenVAS found 35, 10 of them being the most severe.

* 1. **If you’re looking to identify vulnerabilities, what has this exercise illustrated?**

This lab has illustrated that there are many valuable tools that can be utilized in terms of scanning for vulnerabilities.

* 1. **Provide a screenshot of Nessus Scans and OpenVAS scans.**

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

30.

A computer screen shot of a black screen

Description automatically generated

33. A computer screen shot of a black screen

Description automatically generated

39. A computer screen shot of a black screen

Description automatically generated

40. After the command finishes, you may have some surprising results. Some documents will have Zone.Identifier appended as an ADS on the primary file. Perform a Google search (break out your GoogleFu) and provide a reason ADS files have been built on your machine. Be sure to cite your source for credit.

According to <https://blog.foldersecurityviewer.com/ntfs-alternate-data-streams-the-good-and-the-bad/> some of the benefits of ADS are as follows:  
  
 Windows Resource Manager leverages ADS to identify high risk files that shouldn’t be accessed.

The Windows operating system uses ADS to encrypt and store files in a secure manner.

The Windows Attachment Manager uses ADS as a file scanner. This explains why sometimes you receive warnings when you open a file downloaded from the Internet.

The SQL Database server uses ADS to maintain database integrity.

Citrix’s virtual memory uses ADS to boost DLL loading speed.

Anti-virus applications, such as Kaspersky, uses ADS to enhance the scanning of files.

All of these reasons seem valid to me, especially the database integrity and resource management effectiveness.

## Criteria for Completion

1. Please pick 3 different tools that you can use to perform scanning based on what you learned in the course books or via research online. Then use those tools to perform scans on the systems in the lab. Write about what you did, tools you picked, and the results and what you learned.