Kyle Ford
NSE Lab 3
9/3/2023

Task 2: Run Unauthenticated Vulnerability scan

192.168.1.105

0	1	6	0	26
CRITICAL	HIGH	MEDIUM	LOW	INFO

Task 3: Run an authenticated vulnerability scan

tenable® Nessus

Rep

authenticated scan

Sun, 03 Sep 2023 20:31:30 EDT

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Vulnerabilities by Host

Vulnerabilities by Host

192.168.1.105

0	2	6	0
CRITICAL	HIGH	MEDIUM	LOW

Scan Information

Start time:	Sun Sep 3 20:26:10 2023

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Lab Write up:

Answer following questions related to the lab.
1. Was there a difference in the results between the unauthenticated and authenticated scan
    on your Windows 10 VM?

Yes, there were some differences. The Unauthenticated scan on the windows VM found 1 High, 6 medium, and 26 info results. The Authenticated scan results were as follows: 2 high, 6 medium, 48 info. The authenticated scan also included what shares can be access as the user. In summary the authenticated provided a more detailed results about the windows 10 VM vulnerabilities.

2. Why might there be a difference between the two scans?

Unauthenticated scans only show the vulnerabilities that can be exploited without authentication. Authenticated scans also show vulnerabilities that can be exploited with authentication. Another difference is that unauthenticated scans will only show the status of port facing internet. Authenticated scans will show ports that only authenticated users can access.