OpenVAS

Learn the basics of threat and vulnerability management using Open Vulnerability Assessment Scanning

Task 7 Practical Vulnerability Management

Question: When did the scan start in Case 001?

Answer: Feb 28, 00:04:46

Host Summary

Host	Start	End	High	Medium	Low	Log	False Positive
10.10.148.71	Feb 28, 00:04:46	Feb 28, 00:21:02	1	3	1	0	0
Total: 1			1	3	1	0	0

Question: When did the scan end in Case 001?

Answer: Feb 28, 00:21:02

Host Summary

Host	Start	End	High	Medium	Low	Log	False Positive
10.10.148.71	Feb 28, 00:04:46	Feb 28, 00:21:02	1	3	1	0	0
Total: 1			1	3	1	0	0

Question: How many ports are open in Case 001?

Answer: 3

Port Summary for Host 10.10.148.71

Service (Port)	Threat Level
3389/tcp	Medium
135/tcp	Medium
general/tcp	Low
445/tcp	High

Question: How many total vulnerabilities were found in Case 001?

Answer: 5

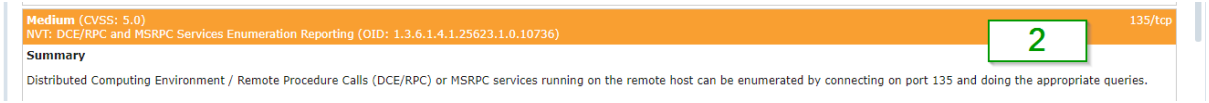
Security Issues for Host 10.10.148.71

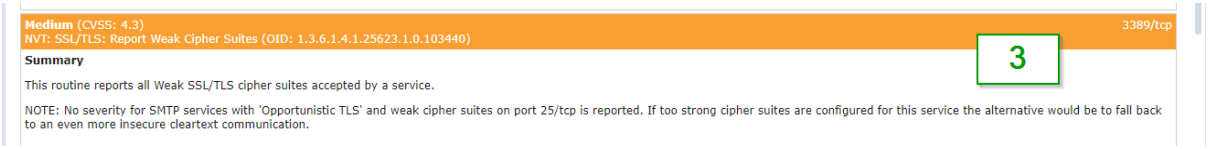
High (CVSS: 9.3) 445/tcp
NVT: Microsoft Windows SMB Server Multiple Vulnerabilities-Remote (4013389) (OID: 1.3.6.1.4.1.25623.1.0.810676)

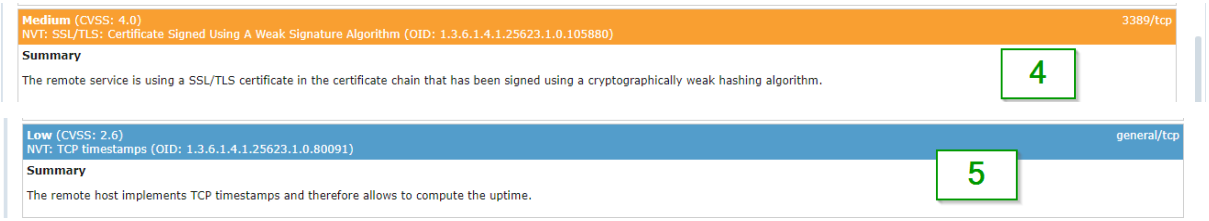
Summary

This host is missing a critical security update according to Microsoft Bulletin MS17-010.

1





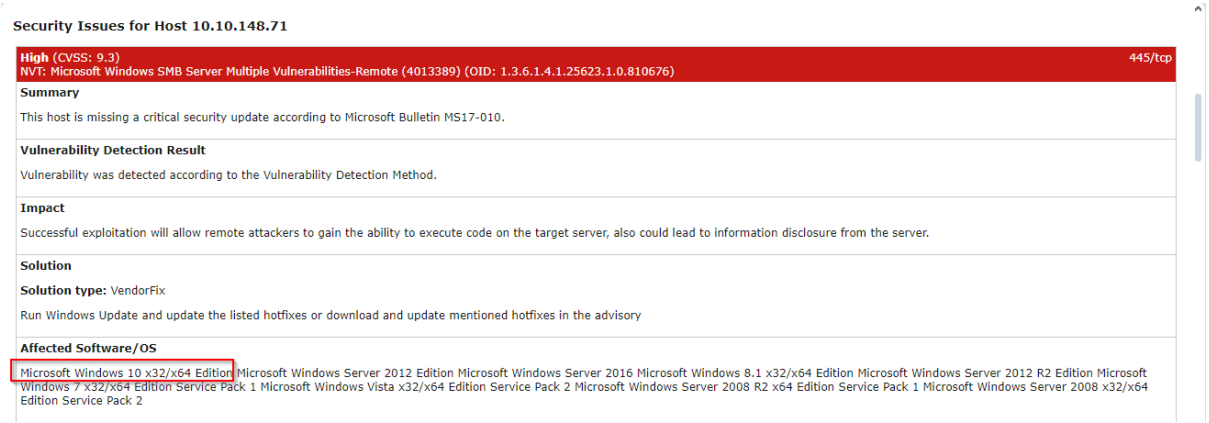


Question: What is the highest severity vulnerability found? (MSxx-xxx)

Answer: MS17-010

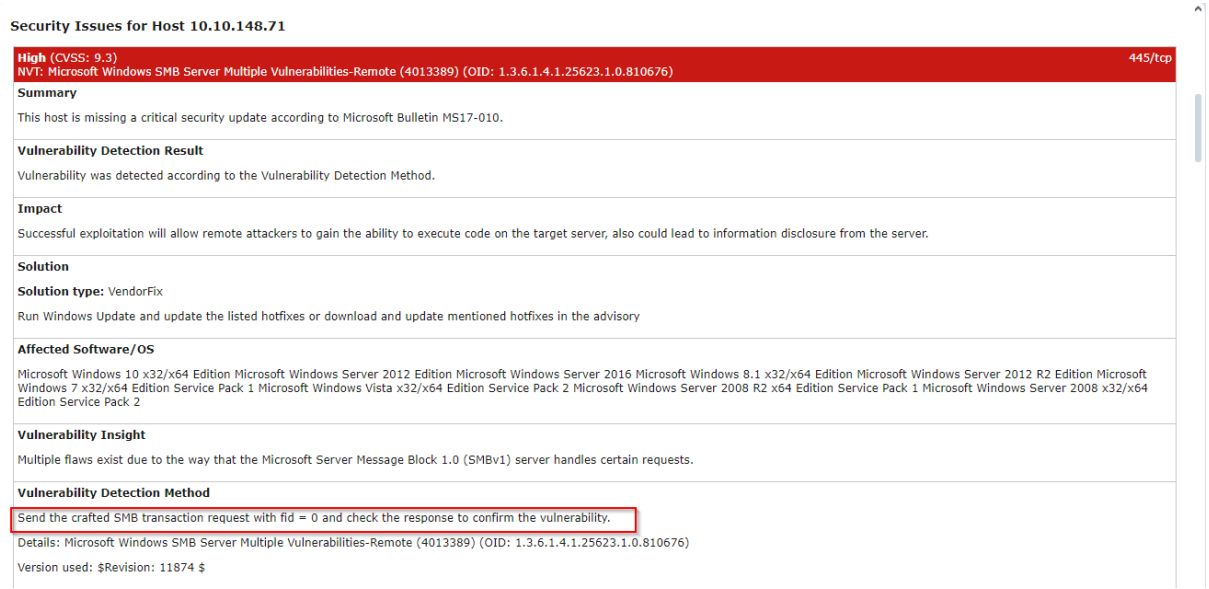
Question: What is the first affected OS to this vulnerability?

Answer: Microsoft Windows 10 x32/x64 Edition



Question: What is the recommended vulnerability detection method?

Answer: **Send the crafted SMB transaction request with fid = 0 and check the response to confirm the vulnerability**



Security Issues for Host 10.10.148.71

High (CVSS: 9.3) 445/tcp
NVT: Microsoft Windows SMB Server Multiple Vulnerabilities-Remote (4013389) (OID: 1.3.6.1.4.1.25623.1.0.810676)

Summary

This host is missing a critical security update according to Microsoft Bulletin MS17-010.

Vulnerability Detection Result

Vulnerability was detected according to the Vulnerability Detection Method.

Impact

Successful exploitation will allow remote attackers to gain the ability to execute code on the target server, also could lead to information disclosure from the server.

Solution

Solution type: VendorFix

Run Windows Update and update the listed hotfixes or download and update mentioned hotfixes in the advisory

Affected Software/OS

Microsoft Windows 10 x32/x64 Edition Microsoft Windows Server 2012 Edition Microsoft Windows Server 2016 Microsoft Windows 8.1 x32/x64 Edition Microsoft Windows Server 2012 R2 Edition Microsoft Windows 7 x32/x64 Edition Service Pack 1 Microsoft Windows Vista x32/x64 Edition Service Pack 2 Microsoft Windows Server 2008 R2 x64 Edition Service Pack 1 Microsoft Windows Server 2008 x32/x64 Edition Service Pack 2

Vulnerability Insight

Multiple flaws exist due to the way that the Microsoft Server Message Block 1.0 (SMBv1) server handles certain requests.

Vulnerability Detection Method

Send the crafted SMB transaction request with fid = 0 and check the response to confirm the vulnerability.

Details: Microsoft Windows SMB Server Multiple Vulnerabilities-Remote (4013389) (OID: 1.3.6.1.4.1.25623.1.0.810676)

Version used: $Revision: 11874 $

END.