



Windows 10 VM Scan

Report generated by Nessus™

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Nessus Essentials

Vulnerabilities by Host

DESKTOP-96HJG8C



Host Information

Netbios Name: DESKTOP-96HJG8C
IP: 192.168.128.129
MAC Address: 00:0C:29:B7:F1:32
OS: Microsoft Windows 10 Enterprise

Vulnerabilities

57608 - SMB Signing not required

Synopsis

Signing is not required on the remote SMB server.

Description

Signing is not required on the remote SMB server. An unauthenticated, remote attacker can exploit this to conduct man-in-the-middle attacks against the SMB server.

See Also

<http://www.nessus.org/u?df39b8b3>
<http://technet.microsoft.com/en-us/library/cc731957.aspx>
<http://www.nessus.org/u?74b80723>
<https://www.samba.org/samba/docs/current/man-html/smb.conf.5.html>
<http://www.nessus.org/u?a3cac4ea>

Solution

Enforce message signing in the host's configuration. On Windows, this is found in the policy setting 'Microsoft network server: Digitally sign communications (always)'. On Samba, the setting is called 'server signing'. See the 'see also' links for further details.

Risk Factor

Medium

CVSS v3.0 Base Score

5.3 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:N)

CVSS v3.0 Temporal Score

4.6 (CVSS:3.0/E:U/RL:O/RC:C)

CVSS v2.0 Base Score

5.0 (CVSS2#AV:N/AC:L/Au:N/C:N/I:P/A:N)

CVSS v2.0 Temporal Score

3.7 (CVSS2#E:U/RL:OF/RC:C)

Plugin Information

Published: 2012/01/19, Modified: 2022/10/05

Plugin Output

tcp/445/cifs