vista scan

Report generated by Nessus™ Mon, 13 May 2019 16:52:04 GMT+0200

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Vulnerabilities by Host

Vulnerabilities by Host

192.168.0.117

CRITICAL	HIGH	MEDIUM	LOW	INFO
4	0	2	0	44

Scan Information

Start time:	Mon May 13 16:52:04 2019
End time:	Mon May 13 17:11:54 2019

Host Information

DNS Name:	WIN-LB1IWTP66TH
Netbios Name:	WIN-LB1IWTP66TH
IP:	192.168.0.117
MAC Address:	00:0C:29:AB:A6:36 9C:B6:D0:06:99:A3
OS:	Microsoft Windows Vista Home

Vulnerabilities

40887 - MS09-050: Microsoft Windows SMB2 _Smb2ValidateProviderCallback() Vulnerability (975497) (EDUCATEDSCHOLAR) (uncredentialed check)

Synopsis

Arbitrary code may be executed on the remote host through the SMB port

Description

The remote host is running a version of Microsoft Windows Vista or Windows Server 2008 that contains a vulnerability in its SMBv2 implementation. An attacker can exploit this flaw to disable the remote host or to execute arbitrary code on it.

EDUCATEDSCHOLAR is one of multiple Equation Group vulnerabilities and exploits disclosed on 2017/04/14 by a group known as the Shadow Brokers.

See Also

http://www.nessus.org/u?0f72ec72

https://docs.microsoft.com/en-us/security-updates/SecurityBulletins/2009/ms09-050

Solution

Microsoft has released a patch for Windows Vista and Windows Server 2008.

Risk Factor

Critical

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

9.4 (CVSS:3.0/E:H/RL:O/RC:C)

CVSS Base Score

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

CVSS Temporal Score

8.7 (CVSS2#E:H/RL:OF/RC:C)

References

BID	36299
BID	36594
CVE	CVE-2009-2532
CVE	CVE-2009-3103
MSKB	975497
XREF	MSFT:MS09-050
XREF	CERT:135940
XREF	EDB-ID:9594
XREF	EDB-ID:10005
XREF	EDB-ID:12524
XREF	EDB-ID:14674
XREF	EDB-ID:16363
XREF	CWE:94
XREF	CWE:399

Exploitable With

CANVAS (true) Core Impact (true) Metasploit (true)

Plugin Information

Published: 2009/09/08, Modified: 2018/11/15

Plugin Output

tcp/445

97833 - MS17-010: Security Update for Microsoft Windows SMB Server (4013389) (ETERNALBLUE) (ETERNALCHAMPION) (ETERNALROMANCE) (ETERNALSYNERGY) (WannaCry) (EternalRocks) (Petya) (uncredentialed check)

Synopsis

The remote Windows host is affected by multiple vulnerabilities.

Description

The remote Windows host is affected by the following vulnerabilities :

- Multiple remote code execution vulnerabilities exist in Microsoft Server Message Block 1.0 (SMBv1) due to improper handling of certain requests. An unauthenticated, remote attacker can exploit these vulnerabilities, via a specially crafted packet, to execute arbitrary code. (CVE-2017-0143, CVE-2017-0144, CVE-2017-0145, CVE-2017-0146, CVE-2017-0148)

- An information disclosure vulnerability exists in Microsoft Server Message Block 1.0 (SMBv1) due to improper handling of certain requests. An unauthenticated, remote attacker can exploit this, via a specially crafted packet, to disclose sensitive information. (CVE-2017-0147)

ETERNALBLUE, ETERNALCHAMPION, ETERNALROMANCE, and ETERNALSYNERGY are four of multiple Equation Group vulnerabilities and exploits disclosed on 2017/04/14 by a group known as the Shadow Brokers. WannaCry / WannaCrypt is a ransomware program utilizing the ETERNALBLUE exploit, and EternalRocks is a worm that utilizes seven Equation Group vulnerabilities. Petya is a ransomware program that first utilizes CVE-2017-0199, a vulnerability in Microsoft Office, and then spreads via ETERNALBLUE.

See Also

http://www.nessus.org/u?68fc8eff

http://www.nessus.org/u?321523eb

http://www.nessus.org/u?065561d0

http://www.nessus.org/u?d9f569cf

https://blogs.technet.microsoft.com/filecab/2016/09/16/stop-using-smb1/

http://www.nessus.org/u?b9d9ebf9

http://www.nessus.org/u?8dcab5e4

http://www.nessus.org/u?234f8ef8

http://www.nessus.org/u?4c7e0cf3

https://github.com/stamparm/EternalRocks/

http://www.nessus.org/u?59db5b5b

Solution

Microsoft has released a set of patches for Windows Vista, 2008, 7, 2008 R2, 2012, 8.1, RT 8.1, 2012 R2, 10, and 2016. Microsoft has also released emergency patches for Windows operating systems that are no longer supported, including Windows XP, 2003, and 8.

For unsupported Windows operating systems, e.g. Windows XP, Microsoft recommends that users discontinue the use of SMBv1. SMBv1 lacks security features that were included in later SMB versions. SMBv1 can

be disabled by following the vendor instructions provided in Microsoft KB2696547. Additionally, US-CERT recommends that users block SMB directly by blocking TCP port 445 on all network boundary devices. For SMB over the NetBIOS API, block TCP ports 137 / 139 and UDP ports 137 / 138 on all network boundary devices.

Risk Factor

Critical

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

7.7 (CVSS:3.0/E:H/RL:O/RC:C)

CVSS Base Score

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

CVSS Temporal Score

8.7 (CVSS2#E:H/RL:OF/RC:C)

STIG Severity

I

References

BID	96703
BID	96704
BID	96705
BID	96706
BID	96707
BID	96709
CVE	CVE-2017-0143
CVE	CVE-2017-0144
CVE	CVE-2017-0145
CVE	CVE-2017-0146
CVE	CVE-2017-0147
CVE	CVE-2017-0148
MSKB	4012212
MSKB	4012213
MSKB	4012214
MSKB	4012215
MSKB	4012216

MSKB	4012217
MSKB	4012606
MSKB	4013198
MSKB	4013429
MSKB	4012598
XREF	EDB-ID:41891
XREF	EDB-ID:41987
XREF	MSFT:MS17-010
XREF	IAVA:2017-A-0065

Exploitable With

CANVAS (true) Core Impact (true) Metasploit (true)

Plugin Information

Published: 2017/03/20, Modified: 2019/02/26

Plugin Output

tcp/445

97996 - Microsoft Windows Vista Unsupported Installation Detection

Synopsis

The remote operating system is no longer supported.

Description

Microsoft Windows Vista is running on the remote host. Support for this operating system was ended by Microsoft on April 11th, 2017.

Lack of support implies that no new security patches for the product will be released by the vendor. As a result, it is likely to contain security vulnerabilities. Furthermore, Microsoft is unlikely to investigate or acknowledge reports of vulnerabilities.

See Also

http://www.nessus.org/u?bd271028

Solution

Upgrade to a version of Microsoft Windows that is currently supported.

Risk Factor

Critical

CVSS v3.0 Base Score

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

CVSS Base Score

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

Plugin Information

Published: 2017/04/17, Modified: 2017/04/17

Plugin Output

tcp/0

108797 - Unsupported Windows OS (remote)

Synopsis

The remote OS or service pack is no longer supported.

Description

The remote version of Microsoft Windows is either missing a service pack or is no longer supported. As a result, it is likely to contain security vulnerabilities.

See Also

https://support.microsoft.com/en-us/lifecycle

Solution

Upgrade to a supported service pack or operating system

Risk Factor

Critical

CVSS v3.0 Base Score

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

CVSS Base Score

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

Plugin Information

Published: 2018/04/03, Modified: 2019/03/21

Plugin Output

tcp/0

```
The following Windows version is installed and not supported:

Microsoft Windows Vista Home
```

90510 - MS16-047: Security Update for SAM and LSAD Remote Protocols (3148527) (Badlock) (uncredentialed check)

Synopsis

The remote Windows host is affected by an elevation of privilege vulnerability.

Description

The remote Windows host is affected by an elevation of privilege vulnerability in the Security Account Manager (SAM) and Local Security Authority (Domain Policy) (LSAD) protocols due to improper authentication level negotiation over Remote Procedure Call (RPC) channels. A man-in-the-middle attacker able to intercept communications between a client and a server hosting a SAM database can exploit this to force the authentication level to downgrade, allowing the attacker to impersonate an authenticated user and access the SAM database.

See Also

https://docs.microsoft.com/en-us/security-updates/SecurityBulletins/2016/ms16-047

http://badlock.org/

Solution

Microsoft has released a set of patches for Windows Vista, 2008, 7, 2008 R2, 2012, 8.1, RT 8.1, 2012 R2, and 10.

Risk Factor

Medium

CVSS Base Score

6.8 (CVSS2#AV:N/AC:M/Au:N/C:P/I:P/A:P)

CVSS Temporal Score

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

STIG Severity

I

References

BID	86002
CVE	CVE-2016-0128
MSKB	3148527
MSKB	3149090

MSKB	3147461
MSKB	3147458
XREF	MSFT:MS16-047
XREF	CERT:813296
XREF	IAVA:2016-A-0093

Plugin Information

Published: 2016/04/13, Modified: 2018/11/15

Plugin Output

tcp/49155

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

https://support.microsoft.com/en-us/help/887429/overview-of-server-message-block-signing

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 Base Score

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

CVSS Temporal Score

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

Plugin Information

Published: 2012/01/19, Modified: 2018/11/15

Plugin Output

tcp/445

45590 - Common Platform Enumeration (CPE)

Synopsis

It was possible to enumerate CPE names that matched on the remote system.

Description

By using information obtained from a Nessus scan, this plugin reports CPE (Common Platform Enumeration) matches for various hardware and software products found on a host.

Note that if an official CPE is not available for the product, this plugin computes the best possible CPE based on the information available from the scan.

See Also

http://cpe.mitre.org/

https://nvd.nist.gov/products/cpe

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2010/04/21, Modified: 2017/06/06

Plugin Output

tcp/0

```
The remote operating system matched the following CPE :

  cpe:/o:microsoft:windows_vista:::home
```

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) services running on the remote port. Using this information it is possible to connect and bind to each service by sending an RPC request to the remote port/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2018/11/05

Plugin Output

tcp/135

```
The following DCERPC services are available locally :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345778-1234-abcd-ef00-0123456789ac, version 1.0
Description : Security Account Manager
Windows process : lsass.exe
Type : Local RPC service
Named pipe : samss lpc

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345778-1234-abcd-ef00-0123456789ac, version 1.0
Description : Security Account Manager
Windows process : lsass.exe
Type : Local RPC service
Named pipe : protected_storage

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345778-1234-abcd-ef00-0123456789ac, version 1.0
Description : Security Account Manager
Windows process : lsass.exe
Type : Local RPC service
Named pipe : securityevent

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345778-1234-abcd-ef00-0123456789ac, version 1.0
Description : Security Account Manager
Windows process : lsass.exe
Type : Local RPC service
```

```
Named pipe : audit

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345778-1234-abcd-ef00-0123456789ac, version 1.0
Description : Security Account Manager
Windows process : lsass.exe
Type : Local RPC service
Named pipe : LRPC-d3dcd0ce83ca86e7f1

Object UUID : 00736665-0000-0000-0000-000000000000
UUID : c9ac6db5-82b7-4e55-ae8a-e464ed7b4277, version 1.0
Description : Unknown RPC service
Annotation : Impl friendly name
Type : Local RPC service
Named pipe : samss lpc

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 2f5f6521-cb55-1059-b446-00df0bce31db, version 1.0
Description : Telephony service
Windows process : svchost.exe
Annotation : Unimodem LRPC Endpoint
Type : Local RPC service
Named pipe : DNSResolver

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 2f5f6521-cb55-1059-b446-00df0bce31db, version 1.0
Description : Telephony service
Windows process : svchost.exe
Annotation : Unimodem LRPC Endpoint
Type : Local RPC service
Named pipe : keysvc

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 2f5f6521-cb55-1059-b446-00df0bce31db, version 1.0
Description [...]
```

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) services running on the remote port. Using this information it is possible to connect and bind to each service by sending an RPC request to the remote port/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2018/11/05

Plugin Output

tcp/445

```
The following DCERPC services are available remotely :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345778-1234-abcd-ef00-0123456789ac, version 1.0
Description : Security Account Manager
Windows process : lsass.exe
Type : Remote RPC service
Named pipe : \PIPE\protected_storage
Netbios name : \\WIN-LB1IWTP66TH

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345778-1234-abcd-ef00-0123456789ac, version 1.0
Description : Security Account Manager
Windows process : lsass.exe
Type : Remote RPC service
Named pipe : \pipe\lsass
Netbios name : \\WIN-LB1IWTP66TH

Object UUID : 00736665-0000-0000-0000-000000000000
UUID : c9ac6db5-82b7-4e55-ae8a-e464ed7b4277, version 1.0
Description : Unknown RPC service
Annotation : Impl friendly name
Type : Remote RPC service
Named pipe : \PIPE\protected_storage
Netbios name : \\WIN-LB1IWTP66TH

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 2f5f6521-cb55-1059-b446-00df0bce31db, version 1.0
```

```
Description : Telephony service
Windows process : svchost.exe
Annotation : Unimodem LRPC Endpoint
Type : Remote RPC service
Named pipe : \pipe\keysvc
Netbios name : \\WIN-LB1IWTP66TH

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 2f5f6521-cb55-1059-b446-00df0bce31db, version 1.0
Description : Telephony service
Windows process : svchost.exe
Annotation : Unimodem LRPC Endpoint
Type : Remote RPC service
Named pipe : \pipe\tapsrv
Netbios name : \\WIN-LB1IWTP66TH

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : b58aa02e-2884-4e97-8176-4ee06d794184, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \pipe\trkwks
Netbios name : \\WIN-LB1IWTP66TH

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 4b112204-0e19-11d3-b42b-0000f81feb9f, version 1.0
Description : SSDP service
Windows process : unknow
Type : Remote RPC service
Named pipe : \PIPE\DAV RPC SERVICE
Netbios name : \\WIN-LB1IWTP66TH

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 4b112204-0e19-11d3-b42b-0000f81feb9f, version 1.0
Description :  [...]
```

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) services running on the remote port. Using this information it is possible to connect and bind to each service by sending an RPC request to the remote port/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2018/11/05

Plugin Output

tcp/49152

```
The following DCERPC services are available on TCP port 49152 :

Object UUID : 765294ba-60bc-48b8-92e9-89fd77769d91
UUID : d95afe70-a6d5-4259-822e-2c84da1ddb0d, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49152
IP : 192.168.0.117
```

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) services running on the remote port. Using this information it is possible to connect and bind to each service by sending an RPC request to the remote port/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2018/11/05

Plugin Output

tcp/49153

```
The following DCERPC services are available on TCP port 49153 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : f6beaff7-1e19-4fbb-9f8f-b89e2018337c, version 1.0
Description : Unknown RPC service
Annotation : Event log TCPIP
Type : Remote RPC service
TCP Port : 49153
IP : 192.168.0.117

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 3c4728c5-f0ab-448b-bda1-6ce01eb0a6d6, version 1.0
Description : Unknown RPC service
Annotation : DHCPv6 Client LRPC Endpoint
Type : Remote RPC service
TCP Port : 49153
IP : 192.168.0.117

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 3c4728c5-f0ab-448b-bda1-6ce01eb0a6d5, version 1.0
Description : DHCP Client Service
Windows process : svchost.exe
Annotation : DHCP Client LRPC Endpoint
Type : Remote RPC service
TCP Port : 49153
IP : 192.168.0.117

Object UUID : 00000000-0000-0000-0000-000000000000
```

```
UUID : 06bba54a-be05-49f9-b0a0-30f790261023, version 1.0
Description : Unknown RPC service
Annotation : Security Center
Type : Remote RPC service
TCP Port : 49153
IP : 192.168.0.117
```

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) services running on the remote port. Using this information it is possible to connect and bind to each service by sending an RPC request to the remote port/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2018/11/05

Plugin Output

tcp/49154

```
The following DCERPC services are available on TCP port 49154 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 86d35949-83c9-4044-b424-db363231fd0c, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49154
IP : 192.168.0.117

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : a398e520-d59a-4bdd-aa7a-3c1e0303a511, version 1.0
Description : Unknown RPC service
Annotation : IKE/Authip API
Type : Remote RPC service
TCP Port : 49154
IP : 192.168.0.117

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 201ef99a-7fa0-444c-9399-19ba84f12a1a, version 1.0
Description : Unknown RPC service
Annotation : AppInfo
Type : Remote RPC service
TCP Port : 49154
IP : 192.168.0.117

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 5f54ce7d-5b79-4175-8584-cb65313a0e98, version 1.0
Description : Unknown RPC service
```

```
Annotation : AppInfo
Type : Remote RPC service
TCP Port : 49154
IP : 192.168.0.117

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : fd7a0523-dc70-43dd-9b2e-9c5ed48225b1, version 1.0
Description : Unknown RPC service
Annotation : AppInfo
Type : Remote RPC service
TCP Port : 49154
IP : 192.168.0.117
```

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) services running on the remote port. Using this information it is possible to connect and bind to each service by sending an RPC request to the remote port/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2018/11/05

Plugin Output

tcp/49155

```
The following DCERPC services are available on TCP port 49155 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345778-1234-abcd-ef00-0123456789ac, version 1.0
Description : Security Account Manager
Windows process : lsass.exe
Type : Remote RPC service
TCP Port : 49155
IP : 192.168.0.117
```

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) services running on the remote port. Using this information it is possible to connect and bind to each service by sending an RPC request to the remote port/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2018/11/05

Plugin Output

tcp/49156

```
The following DCERPC services are available on TCP port 49156 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 367abb81-9844-35f1-ad32-98f038001003, version 2.0
Description : Service Control Manager
Windows process : svchost.exe
Type : Remote RPC service
TCP Port : 49156
IP : 192.168.0.117
```

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) services running on the remote port. Using this information it is possible to connect and bind to each service by sending an RPC request to the remote port/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2018/11/05

Plugin Output

tcp/49177

```
The following DCERPC services are available on TCP port 49177 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 6b5bdd1e-528c-422c-af8c-a4079be4fe48, version 1.0
Description : Unknown RPC service
Annotation : Remote Fw APIs
Type : Remote RPC service
TCP Port : 49177
IP : 192.168.0.117
```

54615 - Device Type

Synopsis

It is possible to guess the remote device type.

Description

Based on the remote operating system, it is possible to determine what the remote system type is (eg: a printer, router, general-purpose computer, etc).

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/05/23, Modified: 2011/05/23

Plugin Output

tcp/0

```
Remote device type : general-purpose
Confidence level : 99
```

35716 - Ethernet Card Manufacturer Detection

Synopsis

The manufacturer can be identified from the Ethernet OUI.

Description

Each ethernet MAC address starts with a 24-bit Organizationally Unique Identifier (OUI). These OUIs are registered by IEEE.

See Also

https://standards.ieee.org/faqs/regauth.html

http://www.nessus.org/u?794673b4

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/02/19, Modified: 2018/11/15

Plugin Output

tcp/0

```
The following card manufacturers were identified :

00:0C:29:AB:A6:36 : VMware, Inc.
9C:B6:D0:06:99:A3 : Rivet Networks
```

86420 - Ethernet MAC Addresses

Synopsis

This plugin gathers MAC addresses from various sources and consolidates them into a list.

Description

This plugin gathers MAC addresses discovered from both remote probing of the host (e.g. SNMP and Netbios) and from running local checks (e.g. ifconfig). It then consolidates the MAC addresses into a single, unique, and uniform list.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2015/10/16, Modified: 2018/08/13

Plugin Output

tcp/0

```
The following is a consolidated list of detected MAC addresses:
  - 00:0C:29:AB:A6:36
  - 9C:B6:D0:06:99:A3
```

12053 - Host Fully Qualified Domain Name (FQDN) Resolution

Synopsis

It was possible to resolve the name of the remote host.

Description

Nessus was able to resolve the fully qualified domain name (FQDN) of the remote host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2004/02/11, Modified: 2017/04/14

Plugin Output

tcp/0

```
192.168.0.117 resolves as WIN-LB1IWTP66TH.
```

10114 - ICMP Timestamp Request Remote Date Disclosure

Synopsis

It is possible to determine the exact time set on the remote host.

Description

The remote host answers to an ICMP timestamp request. This allows an attacker to know the date that is set on the targeted machine, which may assist an unauthenticated, remote attacker in defeating time-based authentication protocols.

Timestamps returned from machines running Windows Vista / 7 / 2008 / 2008 R2 are deliberately incorrect, but usually within 1000 seconds of the actual system time.

Solution

Filter out the ICMP timestamp requests (13), and the outgoing ICMP timestamp replies (14).

Risk Factor

None

References

CVE	CVE-1999-0524
XREF	CWE:200

Plugin Information

Published: 1999/08/01, Modified: 2019/03/06

Plugin Output

icmp/0

```
The ICMP timestamps seem to be in little endian format (not in network format)
The difference between the local and remote clocks is -378 seconds.
```

14788 - IP Protocols Scan

Synopsis

This plugin detects the protocols understood by the remote IP stack.

Description

This plugin detects the protocols understood by the remote IP stack.

See Also

http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xhtml

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2004/09/22, Modified: 2019/03/06

Plugin Output

tcp/0

```
The following IP protocols are accepted on this host:
1 ICMP
2 IGMP
4 IP
6 TCP
17 UDP
41 IPv6
43 IPv6-Route
44 IPv6-Frag
47 GRE
50 ESP
51 AH
```

117886 - Local Checks Not Enabled (info)

Synopsis

Local checks were not enabled.

Description

Nessus did not enable local checks on the remote host. This does not necessarily indicate a problem with the scan. Credentials may not have been provided, local checks may not be available for the target, the target may not have been identified, or another issue may have occurred that prevented local checks from being enabled. See plugin output for details.

This plugin reports informational findings related to local checks not being enabled. For failure information, see plugin 21745 :

'Authentication Failure - Local Checks Not Run'.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2018/10/02, Modified: 2018/11/02

Plugin Output

tcp/0

```
The following issues were reported :

  - Plugin      : no_local_checks_credentials.nasl
    Plugin ID   : 110723
    Plugin Name : No Credentials Provided
    Message     :
Credentials were not provided for detected SMB service.
```

10394 - Microsoft Windows SMB Log In Possible

Synopsis

It was possible to log into the remote host.

Description

The remote host is running a Microsoft Windows operating system or Samba, a CIFS/SMB server for Unix. It was possible to log into it using one of the following accounts :

- NULL session
- Guest account
- Supplied credentials

See Also

https://support.microsoft.com/en-us/help/143474/restricting-information-available-to-anonymous-logon-users

https://support.microsoft.com/en-us/help/246261

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2000/05/09, Modified: 2018/11/15

Plugin Output

tcp/445

```
- NULL sessions are enabled on the remote host.
```

10785 - Microsoft Windows SMB NativeLanManager Remote System Information Disclosure

Synopsis

It was possible to obtain information about the remote operating system.

Description

Nessus was able to obtain the remote operating system name and version (Windows and/or Samba) by sending an authentication request to port 139 or 445. Note that this plugin requires SMB1 to be enabled on the host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/10/17, Modified: 2017/11/30

Plugin Output

tcp/445

```
The remote Operating System is : Windows Vista (TM) Home Premium 6002 Service Pack 2
The remote native LAN manager is : Windows Vista (TM) Home Premium 6.0
The remote SMB Domain Name is : WIN-LB1IWTP66TH
```

26917 - Microsoft Windows SMB Registry : Nessus Cannot Access the Windows Registry

Synopsis

Nessus is not able to access the remote Windows Registry.

Description

It was not possible to connect to PIPE\winreg on the remote host.

If you intend to use Nessus to perform registry-based checks, the registry checks will not work because the 'Remote Registry Access'

service (winreg) has been disabled on the remote host or can not be connected to with the supplied credentials.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/10/04, Modified: 2011/03/27

Plugin Output

tcp/445

```
Could not connect to the registry because:
Could not connect to \winreg
```

11011 - Microsoft Windows SMB Service Detection

Synopsis

A file / print sharing service is listening on the remote host.

Description

The remote service understands the CIFS (Common Internet File System) or Server Message Block (SMB) protocol, used to provide shared access to files, printers, etc between nodes on a network.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/06/05, Modified: 2015/06/02

Plugin Output

tcp/139

```
An SMB server is running on this port.
```

11011 - Microsoft Windows SMB Service Detection

Synopsis

A file / print sharing service is listening on the remote host.

Description

The remote service understands the CIFS (Common Internet File System) or Server Message Block (SMB) protocol, used to provide shared access to files, printers, etc between nodes on a network.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/06/05, Modified: 2015/06/02

Plugin Output

tcp/445

```
A CIFS server is running on this port.
```

100871 - Microsoft Windows SMB Versions Supported (remote check)

Synopsis

It was possible to obtain information about the version of SMB running on the remote host.

Description

Nessus was able to obtain the version of SMB running on the remote host by sending an authentication request to port 139 or 445.

Note that this plugin is a remote check and does not work on agents.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2017/06/19, Modified: 2017/06/19

Plugin Output

tcp/445

```
The remote host supports the following versions of SMB :
  SMBv1
  SMBv2
```

106716 - Microsoft Windows SMB2 Dialects Supported (remote check)

Synopsis

It was possible to obtain information about the dialects of SMB2 available on the remote host.

Description

Nessus was able to obtain the set of SMB2 dialects running on the remote host by sending an authentication request to port 139 or 445.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2018/02/09, Modified: 2018/09/12

Plugin Output

tcp/445

```
The remote host supports the following SMB dialects :
 _version_  _introduced in windows version_
 2.0.2      Windows 2008

The remote host does NOT support the following SMB dialects :
 _version_  _introduced in windows version_
 2.1        Windows 7
 2.2.2      Windows 8 Beta
 2.2.4      Windows 8 Beta
 3.0        Windows 8
 3.0.2      Windows 8.1
 3.1        Windows 10
 3.1.1      Windows 10
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2019/03/06

Plugin Output

tcp/135

```
Port 135/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2019/03/06

Plugin Output

tcp/139

```
Port 139/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2019/03/06

Plugin Output

tcp/445

```
Port 445/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2019/03/06

Plugin Output

tcp/5357

```
Port 5357/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2019/03/06

Plugin Output

tcp/49152

```
Port 49152/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2019/03/06

Plugin Output

tcp/49153

```
Port 49153/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2019/03/06

Plugin Output

tcp/49154

```
Port 49154/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2019/03/06

Plugin Output

tcp/49155

```
Port 49155/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2019/03/06

Plugin Output

tcp/49156

```
Port 49156/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2019/03/06

Plugin Output

tcp/49177

```
Port 49177/tcp was found to be open
```

19506 - Nessus Scan Information

Synopsis

This plugin displays information about the Nessus scan.

Description

This plugin displays, for each tested host, information about the scan itself :

- The version of the plugin set.
- The type of scanner (Nessus or Nessus Home).
- The version of the Nessus Engine.
- The port scanner(s) used.
- The port range scanned.
- Whether credentialed or third-party patch management checks are possible.
- The date of the scan.
- The duration of the scan.
- The number of hosts scanned in parallel.
- The number of checks done in parallel.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2005/08/26, Modified: 2019/03/06

Plugin Output

tcp/0

```
Information about this scan :

Nessus version : 8.3.2
Plugin feed version : 201905110042
Scanner edition used : Nessus Home
Scan type : Normal
Scan policy used : Basic Network Scan
Scanner IP : 192.168.0.224
Port scanner(s) : nessus_syn_scanner
Port range : 1-65535
Thorough tests : yes
Experimental tests : no
Paranoia level : 1
```

```
Report verbosity : 1
Safe checks : yes
Optimize the test : yes
Credentialed checks : no
Patch management checks : None
CGI scanning : enabled
Web application tests : enabled
Web app tests -  Test mode : all_pairs
Web app tests -  Try all HTTP methods : yes
Web app tests -  Maximum run time : 10 minutes.
Web app tests -  Stop at first flaw : param
Max hosts : 2
Max checks : 2
Recv timeout : 15
Backports : None
Allow post-scan editing: Yes
Scan Start Date : 2019/5/13 16:52
Scan duration : 1185 sec
```

24786 - Nessus Windows Scan Not Performed with Admin Privileges

Synopsis

The Nessus scan of this host may be incomplete due to insufficient privileges provided.

Description

The Nessus scanner testing the remote host has been given SMB credentials to log into the remote host, however these credentials do not have administrative privileges.

Typically, when Nessus performs a patch audit, it logs into the remote host and reads the version of the DLLs on the remote host to determine if a given patch has been applied or not. This is the method Microsoft recommends to determine if a patch has been applied.

If your Nessus scanner does not have administrative privileges when doing a scan, then Nessus has to fall back to perform a patch audit through the registry which may lead to false positives (especially when using third-party patch auditing tools) or to false negatives (not all patches can be detected through the registry).

Solution

Reconfigure your scanner to use credentials with administrative privileges.

Risk Factor

None

Plugin Information

Published: 2007/03/12, Modified: 2013/01/07

Plugin Output

tcp/0

```
It was not possible to connect to '\\WIN-LB1IWTP66TH\ADMIN$' with the supplied credentials.
```

110723 - No Credentials Provided

Synopsis

Nessus was able to find common ports used for local checks, however, no credentials were provided in the scan policy.

Description

Nessus was unable to execute credentialed checks because no credentials were provided.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2018/06/27, Modified: 2018/10/02

Plugin Output

tcp/0

```
SMB was detected on port 445 but no credentials were provided.
SMB local checks were not enabled.
```

11936 - OS Identification

Synopsis

It is possible to guess the remote operating system.

Description

Using a combination of remote probes (e.g., TCP/IP, SMB, HTTP, NTP, SNMP, etc.), it is possible to guess the name of the remote operating system in use. It is also possible sometimes to guess the version of the operating system.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2003/12/09, Modified: 2019/05/08

Plugin Output

tcp/0

```
Remote operating system : Microsoft Windows Vista Home
Confidence level : 99
Method : MSRPC


The remote host is running Microsoft Windows Vista Home
```

10180 - Ping the remote host

Synopsis

It was possible to identify the status of the remote host (alive or dead).

Description

Nessus was able to determine if the remote host is alive using one or more of the following ping types :

- An ARP ping, provided the host is on the local subnet and Nessus is running over Ethernet.

- An ICMP ping.

- A TCP ping, in which the plugin sends to the remote host a packet with the flag SYN, and the host will reply with a RST or a SYN/ACK.

- A UDP ping (e.g., DNS, RPC, and NTP).

Solution

n/a

Risk Factor

None

Plugin Information

Published: 1999/06/24, Modified: 2019/03/06

Plugin Output

tcp/0

```
The remote host is up
The host replied to an ARP who-is query.
Hardware address : 9c:b6:d0:06:99:a3
```

96982 - Server Message Block (SMB) Protocol Version 1 Enabled (uncredentialed check)

Synopsis

The remote Windows host supports the SMBv1 protocol.

Description

The remote Windows host supports Server Message Block Protocol version 1 (SMBv1). Microsoft recommends that users discontinue the use of SMBv1 due to the lack of security features that were included in later SMB versions. Additionally, the Shadow Brokers group reportedly has an exploit that affects SMB; however, it is unknown if the exploit affects SMBv1 or another version. In response to this, US-CERT recommends that users disable SMBv1 per SMB best practices to mitigate these potential issues.

See Also

https://blogs.technet.microsoft.com/filecab/2016/09/16/stop-using-smb1/

https://support.microsoft.com/en-us/help/2696547/how-to-detect-enable-and-disable-smbv1-smbv2-and-smbv3-in-windows-and

http://www.nessus.org/u?8dcab5e4

http://www.nessus.org/u?234f8ef8

http://www.nessus.org/u?4c7e0cf3

Solution

Disable SMBv1 according to the vendor instructions in Microsoft KB2696547. Additionally, block SMB directly by blocking TCP port 445 on all network boundary devices. For SMB over the NetBIOS API, block TCP ports 137 / 139 and UDP ports 137 / 138 on all network boundary devices.

Risk Factor

None

Plugin Information

Published: 2017/02/03, Modified: 2018/11/15

Plugin Output

tcp/445

```
The remote host supports SMBv1.
```

22964 - Service Detection

Synopsis

The remote service could be identified.

Description

Nessus was able to identify the remote service by its banner or by looking at the error message it sends when it receives an HTTP request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/08/19, Modified: 2019/05/06

Plugin Output

tcp/5357

```
A web server is running on this port.
```

25220 - TCP/IP Timestamps Supported

Synopsis

The remote service implements TCP timestamps.

Description

The remote host implements TCP timestamps, as defined by RFC1323. A side effect of this feature is that the uptime of the remote host can sometimes be computed.

See Also

http://www.ietf.org/rfc/rfc1323.txt

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/05/16, Modified: 2019/03/06

Plugin Output

tcp/0

10287 - Traceroute Information

Synopsis

It was possible to obtain traceroute information.

Description

Makes a traceroute to the remote host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 1999/11/27, Modified: 2019/03/06

Plugin Output

udp/0

```
For your information, here is the traceroute from 192.168.0.224 to 192.168.0.117 :
192.168.0.224
192.168.0.117

Hop Count: 1
```

20094 - VMware Virtual Machine Detection

Synopsis

The remote host is a VMware virtual machine.

Description

According to the MAC address of its network adapter, the remote host is a VMware virtual machine.

Solution

Since it is physically accessible through the network, ensure that its configuration matches your organization's security policy.

Risk Factor

None

Plugin Information

Published: 2005/10/27, Modified: 2015/10/16

Plugin Output

tcp/0

```
The remote host is a VMware virtual machine.
```

10150 - Windows NetBIOS / SMB Remote Host Information Disclosure

Synopsis

It was possible to obtain the network name of the remote host.

Description

The remote host is listening on UDP port 137 or TCP port 445, and replies to NetBIOS nbtscan or SMB requests.

Note that this plugin gathers information to be used in other plugins, but does not itself generate a report.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 1999/10/12, Modified: 2018/11/05

Plugin Output

udp/137

```
The following 4 NetBIOS names have been gathered :

 WIN-LB1IWTP66TH  = Computer name
 WORKGROUP        = Workgroup / Domain name
 WORKGROUP        = Browser Service Elections
 WIN-LB1IWTP66TH  = File Server Service

The remote host has the following MAC address on its adapter :

   00:0c:29:ab:a6:36
```