AdvancedScan

Report generated by Nessus™

Tue, 21 Jul 2020 05:12:12 India Standard Time

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Vulnerabilities by Host

Vulnerabilities by Host

192.168.43.1

0	0	1	1	13
CRITICAL	HIGH	MEDIUM	LOW	INFO

Scan Information

Start time:	Tue Jul 21 05:08:04 2020
End time:	Tue Jul 21 05:12:10 2020

Host Information

IP:	192.168.43.1
MAC Address:	32:78:A4:F6:F0:A7
OS:	Linux Kernel 2.2, Linux Kernel 2.4, Linux Kernel 2.6

Vulnerabilities

12217 - DNS Server Cache Snooping Remote Information Disclosure

Synopsis

The remote DNS server is vulnerable to cache snooping attacks.

Description

The remote DNS server responds to queries for third-party domains that do not have the recursion bit set.

This may allow a remote attacker to determine which domains have recently been resolved via this name server, and therefore which hosts have been recently visited.

For instance, if an attacker was interested in whether your company utilizes the online services of a particular financial institution, they would be able to use this attack to build a statistical model regarding company usage of that financial institution. Of course, the attack can also be used to find B2B partners, web-surfing patterns, external mail servers, and more.

Note: If this is an internal DNS server not accessible to outside networks, attacks would be limited to the internal network. This may include employees, consultants and potentially users on a guest network or WiFi connection if supported.

See Also

http://cs.unc.edu/~fabian/course_papers/cache_snooping.pdf

Solution

Contact the vendor of the DNS software for a fix.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS Base Score

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

Plugin Information

Published: 2004/04/27, Modified: 2020/04/07

Plugin Output

udp/53/dns

```
Nessus sent a non-recursive query for example.com
and received 1 answer :

93.184.216.34
```

10663 - DHCP Server Detection

Synopsis

The remote DHCP server may expose information about the associated network.

Description

This script contacts the remote DHCP server (if any) and attempts to retrieve information about the network layout.

Some DHCP servers provide sensitive information such as the NIS domain name, or network layout information such as the list of the network web servers, and so on.

It does not demonstrate any vulnerability, but a local attacker may use DHCP to become intimately familiar with the associated network.

Solution

Apply filtering to keep this information off the network and remove any options that are not in use.

Risk Factor

Low

CVSS Base Score

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

Plugin Information

Published: 2001/05/05, Modified: 2019/03/06

Plugin Output

udp/67

```
Nessus gathered the following information from the remote DHCP server :

  Master DHCP server of this network : 192.168.43.1
  IP address the DHCP server would attribute us : 192.168.43.114
  DHCP server(s) identifier : 192.168.43.1
  Netmask : 255.255.255.0
  Broadcast address : 192.168.43.255
  Router : 192.168.43.1
  Domain name server(s) : 192.168.43.1
  Host name :
```

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: 2020/07/14

Plugin Output

tcp/0

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

  cpe:/o:linux:linux_kernel:2.2
  cpe:/o:linux:linux_kernel:2.4
  cpe:/o:linux:linux_kernel:2.6
```

11002 - DNS Server Detection

Synopsis

A DNS server is listening on the remote host.

Description

The remote service is a Domain Name System (DNS) server, which provides a mapping between hostnames and IP addresses.

See Also

https://en.wikipedia.org/wiki/Domain_Name_System

Solution

Disable this service if it is not needed or restrict access to internal hosts only if the service is available externally.

Risk Factor

None

Plugin Information

Published: 2003/02/13, Modified: 2017/05/16

Plugin Output

tcp/53/dns

11002 - DNS Server Detection

Synopsis

A DNS server is listening on the remote host.

Description

The remote service is a Domain Name System (DNS) server, which provides a mapping between hostnames and IP addresses.

See Also

https://en.wikipedia.org/wiki/Domain_Name_System

Solution

Disable this service if it is not needed or restrict access to internal hosts only if the service is available externally.

Risk Factor

None

Plugin Information

Published: 2003/02/13, Modified: 2017/05/16

Plugin Output

udp/53/dns

72779 - DNS Server Version Detection

Synopsis

Nessus was able to obtain version information on the remote DNS server.

Description

Nessus was able to obtain version information by sending a special TXT record query to the remote host.

Note that this version is not necessarily accurate and could even be forged, as some DNS servers send the information based on a configuration file.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2014/03/03, Modified: 2019/11/22

Plugin Output

tcp/53/dns

```

DNS server answer for "version.bind" (over TCP) :

  dnsmasq-2.51
```

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 : 54
```

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: 2020/05/13

Plugin Output

tcp/0

```
The following is a consolidated list of detected MAC addresses:
  - 32:78:A4:F6:F0:A7
```

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

CVSS v3.0 Base Score

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

CVSS Base Score

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

References

CVE	CVE-1999-0524
XREF	CWE:200

Plugin Information

Published: 1999/08/01, Modified: 2019/10/04

Plugin Output

icmp/0

```
The remote clock is synchronized with the local clock.
```

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: 2020/06/12

Plugin Output

tcp/53/dns

```
Port 53/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: 2020/06/12

Plugin Output

tcp/0

```
Information about this scan :

Nessus version : 8.11.0
Plugin feed version : 202007201559
Scanner edition used : Nessus
Scan type : Normal
Scan policy used : Advanced Scan
Scanner IP : 192.168.43.114
Port scanner(s) : nessus_syn_scanner
Port range : default
Thorough tests : no
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 : disabled
Web application tests : disabled
Max hosts : 5
Max checks : 5
Recv timeout : 5
Backports : None
Allow post-scan editing: Yes
Scan Start Date : 2020/7/21 5:08 India Standard Time
Scan duration : 235 sec
```

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: 2020/03/09

Plugin Output

tcp/0

```

Remote operating system : Linux Kernel 2.2
Linux Kernel 2.4
Linux Kernel 2.6
Confidence level : 54
Method : SinFP


The remote host is running one of these operating systems :
Linux Kernel 2.2
Linux Kernel 2.4
Linux Kernel 2.6
```

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 192.168.43.114 to 192.168.43.1 :
192.168.43.114
192.168.43.1

Hop Count: 1
```

66717 - mDNS Detection (Local Network)

Synopsis

It is possible to obtain information about the remote host.

Description

The remote service understands the Bonjour (also known as ZeroConf or mDNS) protocol, which allows anyone to uncover information from the remote host such as its operating system type and exact version, its hostname, and the list of services it is running.

This plugin attempts to discover mDNS used by hosts residing on the same network segment as Nessus.

Solution

Filter incoming traffic to UDP port 5353, if desired.

Risk Factor

None

Plugin Information

Published: 2013/05/31, Modified: 2013/05/31

Plugin Output

udp/5353/mdns

```
Nessus was able to extract the following information :

  - mDNS hostname       : Android.local.
```

192.168.43.114

0	0	8	1	49
CRITICAL	HIGH	MEDIUM	LOW	INFO

Scan Information

Start time:	Tue Jul 21 05:02:42 2020
End time:	Tue Jul 21 05:10:25 2020

Host Information

DNS Name:	MishaDey
Netbios Name:	MISHADEY
IP:	192.168.43.114
OS:	Windows

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

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/cifs

51192 - SSL Certificate Cannot Be Trusted

Synopsis

The SSL certificate for this service cannot be trusted.

Description

The server's X.509 certificate cannot be trusted. This situation can occur in three different ways, in which the chain of trust can be broken, as stated below :

- First, the top of the certificate chain sent by the server might not be descended from a known public certificate authority. This can occur either when the top of the chain is an unrecognized, self-signed certificate, or when intermediate certificates are missing that would connect the top of the certificate chain to a known public certificate authority.

- Second, the certificate chain may contain a certificate that is not valid at the time of the scan. This can occur either when the scan occurs before one of the certificate's 'notBefore' dates, or after one of the certificate's 'notAfter' dates.

- Third, the certificate chain may contain a signature that either didn't match the certificate's information or could not be verified. Bad signatures can be fixed by getting the certificate with the bad signature to be re-signed by its issuer. Signatures that could not be verified are the result of the certificate's issuer using a signing algorithm that Nessus either does not support or does not recognize.

If the remote host is a public host in production, any break in the chain makes it more difficult for users to verify the authenticity and identity of the web server. This could make it easier to carry out man-in-the-middle attacks against the remote host.

See Also

https://www.itu.int/rec/T-REC-X.509/en

https://en.wikipedia.org/wiki/X.509

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS Base Score

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

Plugin Information

Published: 2010/12/15, Modified: 2020/04/27

Plugin Output

tcp/21

```
The following certificate was at the top of the certificate
chain sent by the remote host, but it is signed by an unknown
certificate authority :

|-Subject : CN=127.0.0.1
|-Issuer  : O=Crossmatch/CN=Altus Local client Certificate Authority
```

51192 - SSL Certificate Cannot Be Trusted

Synopsis

The SSL certificate for this service cannot be trusted.

Description

The server's X.509 certificate cannot be trusted. This situation can occur in three different ways, in which the chain of trust can be broken, as stated below :

- First, the top of the certificate chain sent by the server might not be descended from a known public certificate authority. This can occur either when the top of the chain is an unrecognized, self-signed certificate, or when intermediate certificates are missing that would connect the top of the certificate chain to a known public certificate authority.

- Second, the certificate chain may contain a certificate that is not valid at the time of the scan. This can occur either when the scan occurs before one of the certificate's 'notBefore' dates, or after one of the certificate's 'notAfter' dates.

- Third, the certificate chain may contain a signature that either didn't match the certificate's information or could not be verified. Bad signatures can be fixed by getting the certificate with the bad signature to be re-signed by its issuer. Signatures that could not be verified are the result of the certificate's issuer using a signing algorithm that Nessus either does not support or does not recognize.

If the remote host is a public host in production, any break in the chain makes it more difficult for users to verify the authenticity and identity of the web server. This could make it easier to carry out man-in-the-middle attacks against the remote host.

See Also

https://www.itu.int/rec/T-REC-X.509/en

https://en.wikipedia.org/wiki/X.509

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS Base Score

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

Plugin Information

Published: 2010/12/15, Modified: 2020/04/27

Plugin Output

tcp/3389/msrdp

```
The following certificate was at the top of the certificate
chain sent by the remote host, but it is signed by an unknown
certificate authority :

|-Subject : CN=MishaDey
|-Issuer  : CN=MishaDey
```

42873 - SSL Medium Strength Cipher Suites Supported (SWEET32)

Synopsis

The remote service supports the use of medium strength SSL ciphers.

Description

The remote host supports the use of SSL ciphers that offer medium strength encryption. Nessus regards medium strength as any encryption that uses key lengths at least 64 bits and less than 112 bits, or else that uses the 3DES encryption suite.

Note that it is considerably easier to circumvent medium strength encryption if the attacker is on the same physical network.

See Also

https://www.openssl.org/blog/blog/2016/08/24/sweet32/

https://sweet32.info

Solution

Reconfigure the affected application if possible to avoid use of medium strength ciphers.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS Base Score

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

References

CVE	CVE-2016-2183

Plugin Information

Published: 2009/11/23, Modified: 2019/02/28

Plugin Output

tcp/21

```
  Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DES-CBC3-SHA                  0x00, 0x0A       RSA           RSA      3DES-CBC(168)
 SHA1

The fields above are :

  {Tenable ciphername}
  {Cipher ID code}
  Kex={key exchange}
  Auth={authentication}
  Encrypt={symmetric encryption method}
  MAC={message authentication code}
  {export flag}
```

42873 - SSL Medium Strength Cipher Suites Supported (SWEET32)

Synopsis

The remote service supports the use of medium strength SSL ciphers.

Description

The remote host supports the use of SSL ciphers that offer medium strength encryption. Nessus regards medium strength as any encryption that uses key lengths at least 64 bits and less than 112 bits, or else that uses the 3DES encryption suite.

Note that it is considerably easier to circumvent medium strength encryption if the attacker is on the same physical network.

See Also

https://www.openssl.org/blog/blog/2016/08/24/sweet32/

https://sweet32.info

Solution

Reconfigure the affected application if possible to avoid use of medium strength ciphers.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS Base Score

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

References

CVE	CVE-2016-2183

Plugin Information

Published: 2009/11/23, Modified: 2019/02/28

Plugin Output

tcp/3389/msrdp

```
  Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DES-CBC3-SHA                  0x00, 0x0A       RSA           RSA      3DES-CBC(168)
 SHA1

The fields above are :

  {Tenable ciphername}
  {Cipher ID code}
  Kex={key exchange}
  Auth={authentication}
  Encrypt={symmetric encryption method}
  MAC={message authentication code}
  {export flag}
```

57582 - SSL Self-Signed Certificate

Synopsis

The SSL certificate chain for this service ends in an unrecognized self-signed certificate.

Description

The X.509 certificate chain for this service is not signed by a recognized certificate authority. If the remote host is a public host in production, this nullifies the use of SSL as anyone could establish a man-in-the-middle attack against the remote host.

Note that this plugin does not check for certificate chains that end in a certificate that is not self-signed, but is signed by an unrecognized certificate authority.

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS Base Score

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

Plugin Information

Published: 2012/01/17, Modified: 2020/04/27

Plugin Output

tcp/3389/msrdp

```
The following certificate was found at the top of the certificate
chain sent by the remote host, but is self-signed and was not
found in the list of known certificate authorities :

|-Subject : CN=MishaDey
```

104743 - TLS Version 1.0 Protocol Detection

Synopsis

The remote service encrypts traffic using an older version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.0. TLS 1.0 has a number of cryptographic design flaws. Modern implementations of TLS 1.0 mitigate these problems, but newer versions of TLS like 1.2 and 1.3 are designed against these flaws and should be used whenever possible.

As of March 31, 2020, Endpoints that aren’t enabled for TLS 1.2 and higher will no longer function properly with major web browsers and major vendors.

PCI DSS v3.2 requires that TLS 1.0 be disabled entirely by June 30, 2018, except for POS POI terminals (and the SSL/TLS termination points to which they connect) that can be verified as not being susceptible to any known exploits.

See Also

https://tools.ietf.org/html/draft-ietf-tls-oldversions-deprecate-00

Solution

Enable support for TLS 1.2 and 1.3, and disable support for TLS 1.0.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS Base Score

6.1 (CVSS2#AV:N/AC:H/Au:N/C:C/I:P/A:N)

Plugin Information

Published: 2017/11/22, Modified: 2020/03/31

Plugin Output

tcp/21

```
TLSv1 is enabled and the server supports at least one cipher.
```

104743 - TLS Version 1.0 Protocol Detection

Synopsis

The remote service encrypts traffic using an older version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.0. TLS 1.0 has a number of cryptographic design flaws. Modern implementations of TLS 1.0 mitigate these problems, but newer versions of TLS like 1.2 and 1.3 are designed against these flaws and should be used whenever possible.

As of March 31, 2020, Endpoints that aren’t enabled for TLS 1.2 and higher will no longer function properly with major web browsers and major vendors.

PCI DSS v3.2 requires that TLS 1.0 be disabled entirely by June 30, 2018, except for POS POI terminals (and the SSL/TLS termination points to which they connect) that can be verified as not being susceptible to any known exploits.

See Also

https://tools.ietf.org/html/draft-ietf-tls-oldversions-deprecate-00

Solution

Enable support for TLS 1.2 and 1.3, and disable support for TLS 1.0.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS Base Score

6.1 (CVSS2#AV:N/AC:H/Au:N/C:C/I:P/A:N)

Plugin Information

Published: 2017/11/22, Modified: 2020/03/31

Plugin Output

tcp/3389/msrdp

```
TLSv1 is enabled and the server supports at least one cipher.
```

69551 - SSL Certificate Chain Contains RSA Keys Less Than 2048 bits

Synopsis

The X.509 certificate chain used by this service contains certificates with RSA keys shorter than 2048 bits.

Description

At least one of the X.509 certificates sent by the remote host has a key that is shorter than 2048 bits. According to industry standards set by the Certification Authority/Browser (CA/B) Forum, certificates issued after January 1, 2014 must be at least 2048 bits.

Some browser SSL implementations may reject keys less than 2048 bits after January 1, 2014. Additionally, some SSL certificate vendors may revoke certificates less than 2048 bits before January 1, 2014.

Note that Nessus will not flag root certificates with RSA keys less than 2048 bits if they were issued prior to December 31, 2010, as the standard considers them exempt.

See Also

https://www.cabforum.org/wp-content/uploads/Baseline_Requirements_V1.pdf

Solution

Replace the certificate in the chain with the RSA key less than 2048 bits in length with a longer key, and reissue any certificates signed by the old certificate.

Risk Factor

Low

Plugin Information

Published: 2013/09/03, Modified: 2018/11/15

Plugin Output

tcp/21

```
The following certificates were part of the certificate chain
sent by the remote host, but contain RSA keys that are considered
to be weak :

|-Subject        : CN=127.0.0.1
|-RSA Key Length : 1024 bits
```

12634 - Authenticated Check : OS Name and Installed Package Enumeration

Synopsis

This plugin gathers information about the remote host via an authenticated session.

Description

This plugin logs into the remote host using SSH, RSH, RLOGIN, Telnet, or local commands and extracts the list of installed packages.

If using SSH, the scan should be configured with a valid SSH public key and possibly an SSH passphrase (if the SSH public key is protected by a passphrase).

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2004/07/06, Modified: 2020/06/12

Plugin Output

tcp/0

```
Nessus can run commands on localhost to check if patches are applied.

However, the execution of the command "uname -a" failed, so local security
checks have not been enabled.

SSH Version Banner :
```

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: 2020/07/14

Plugin Output

tcp/0

```

The remote operating system matched the following CPE :

  cpe:/o:microsoft:windows_2003_server

Following application CPE's matched on the remote system :

  cpe:/a:microsoft:iis:10.0
  cpe:/a:mysql:mysql:
```

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: 2020/01/22

Plugin Output

tcp/135/epmap

```

The following DCERPC services are available locally :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : samss lpc

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : SidKey Local End Point

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : protected_storage

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
```

```
Named pipe : lsasspirpc

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : lsapolicylookup

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : LSA_EAS_ENDPOINT

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : LSA_IDPEXT_ENDPOINT

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : lsacap

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc  [...]
```

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: 2020/01/22

Plugin Output

tcp/445/cifs

```

The following DCERPC services are available remotely :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 650a7e26-eab8-5533-ce43-9c1dfce11511, version 1.0
Description : Unknown RPC service
Annotation : Vpn APIs
Type : Remote RPC service
Named pipe : \PIPE\ROUTER
Netbios name : \\MISHADEY

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 29770a8f-829b-4158-90a2-78cd488501f7, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \pipe\SessEnvPublicRpc
Netbios name : \\MISHADEY

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 7f1343fe-50a9-4927-a778-0c5859517bac, version 1.0
Description : Unknown RPC service
Annotation : DfsDs service
Type : Remote RPC service
Named pipe : \PIPE\wkssvc
Netbios name : \\MISHADEY

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
Named pipe : \pipe\eventlog
Netbios name : \\MISHADEY

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 1ff70682-0a51-30e8-076d-740be8cee98b, version 1.0
Description : Scheduler Service
Windows process : svchost.exe
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\MISHADEY

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 378e52b0-c0a9-11cf-822d-00aa0051e40f, version 1.0
Description : Scheduler Service
Windows process : svchost.exe
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\MISHADEY

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 33d84484-3626-47ee-8c6f-e7e98b113be1, version 2.0
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\MISHADEY

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 86d35949-83c9-4044-b424-db363231fd0c, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\MISHADEY

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 3a9ef155-691d-4449-8d05- [...]
```

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: 2020/01/22

Plugin Output

tcp/49664/dce-rpc

```

The following DCERPC services are available on TCP port 49664 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.43.114

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 : 49664
IP : 192.168.43.114

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : b25a52bf-e5dd-4f4a-aea6-8ca7272a0e86, version 2.0
Description : Unknown RPC service
Annotation : KeyIso
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.43.114

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 8fb74744-b2ff-4c00-be0d-9ef9a191fe1b, version 1.0
```

```
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.43.114
```

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: 2020/01/22

Plugin Output

tcp/49665/dce-rpc

```
The following DCERPC services are available on TCP port 49665 :

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 : 49665
IP : 192.168.43.114
```

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: 2020/01/22

Plugin Output

tcp/49666/dce-rpc

```
The following DCERPC services are available on TCP port 49666 :

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 : 49666
IP : 192.168.43.114

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 3a9ef155-691d-4449-8d05-09ad57031823, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49666
IP : 192.168.43.114
```

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: 2020/01/22

Plugin Output

tcp/49667/dce-rpc

```

The following DCERPC services are available on TCP port 49667 :

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 : 49667
IP : 192.168.43.114
```

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: 2020/01/22

Plugin Output

tcp/49668/dce-rpc

```

The following DCERPC services are available on TCP port 49668 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 29770a8f-829b-4158-90a2-78cd488501f7, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49668
IP : 192.168.43.114

```

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: 2020/01/22

Plugin Output

tcp/49669/dce-rpc

```

The following DCERPC services are available on TCP port 49669 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345678-1234-abcd-ef00-0123456789ab, version 1.0
Description : IPsec Services (Windows XP & 2003)
Windows process : lsass.exe
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.43.114

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 0b6edbfa-4a24-4fc6-8a23-942b1eca65d1, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.43.114

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : ae33069b-a2a8-46ee-a235-ddfd339be281, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.43.114

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 4a452661-8290-4b36-8fbe-7f4093a94978, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
```

```
TCP Port : 49669
IP : 192.168.43.114

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 76f03f96-cdfd-44fc-a22c-64950a001209, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.43.114
```

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: 2020/01/22

Plugin Output

tcp/49671/dce-rpc

```
The following DCERPC services are available on TCP port 49671 :

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 : 49671
IP : 192.168.43.114
```

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 : 50
```

10092 - FTP Server Detection

Synopsis

An FTP server is listening on a remote port.

Description

It is possible to obtain the banner of the remote FTP server by connecting to a remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 1999/10/12, Modified: 2019/11/22

Plugin Output

tcp/21

```
The remote FTP banner is :

220 Microsoft FTP Service
```

42149 - FTP Service AUTH TLS Command Support

Synopsis

The remote directory service supports encrypting traffic.

Description

The remote FTP service supports the use of the 'AUTH TLS' command to switch from a cleartext to an encrypted communications channel.

See Also

https://en.wikipedia.org/wiki/STARTTLS

https://tools.ietf.org/html/rfc4217

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/10/15, Modified: 2018/10/10

Plugin Output

tcp/21

```

Here is the FTP server's SSL certificate that Nessus was able to
collect after sending a 'AUTH TLS' command :

------------------------------ snip ------------------------------
Subject Name:

Common Name: 127.0.0.1

Issuer Name:

Organization: Crossmatch
Common Name: Altus Local client Certificate Authority

Serial Number: DB F8 55 F6 FE DF 58 9B C6 4A 22 75 D1 BB 24 56

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: Jul 21 21:02:17 2018 GMT
Not Valid After: Jul 16 21:02:17 2038 GMT
```

```
Public Key Info:

Algorithm: RSA Encryption
Key Length: 1024 bits
Public Key: 00 CE BB 44 3D 64 FD A9 31 AE E2 D4 78 7C D3 95 1E 2D B7 88
            6F A9 69 64 B0 08 37 92 0A E4 7D B5 82 A9 CD E7 7D 66 16 97
            C8 AA 36 AA EF DA F3 2C E5 7C 39 FF 8E 33 77 20 BA 7B B3 CD
            AA CC 2A 8F 51 6A 3A E5 C0 2A 32 9C 05 23 C4 13 22 3D 06 1B
            05 5B BD 74 9C 77 C0 14 BD 67 66 AE 94 0A F5 D2 B6 22 94 8B
            AD EC AA 7F 45 B2 52 36 18 5F 69 72 5F C3 69 08 90 8D BC 84
            08 62 F6 3D 1F E6 6D 55 35
Exponent: 01 00 01

Signature Length: 128 bytes / 1024 bits
Signature: 00 B0 42 21 7A 21 DD 5F C9 F0 14 59 6A 28 E3 2B 90 37 91 08
           0A E5 7B 7A 34 C5 F3 F0 86 2F 44 BC 7C 71 F3 F0 82 37 FD 78
           48 F5 9B 33 D6 D2 88 45 F7 E5 E4 E6 A6 26 4B 80 35 9D BC 43
           35 02 75 B7 E7 03 44 EB 68 EB 4D 4A FD 72 F6 2E 9B 20 A5 92
           A8 26 97 F6 6D E9 06 78 73 D9 3F 98 AB F1 5B 35 39 F5 96 E4
           9D 88 BF A7 D8 F4 E2 EC D9 02 33 F1 77 B3 79 A1 14 5B 0E 6B
           80 98 36 79 2B 4D 02 4C ED

Extension: Key Usage (2.5.29.15)
Critical: 0
Key Usage: Digital Signature, Key Encipherment


Extension: Extended Key Usage (2.5.29.37)
Critical: 0
Purpose#1: Web Server Authentication (1.3.6.1.5.5.7.3.1)


Extension: Subject Alternative Name (2.5.29.17)
Critical: 0


------------------------------ snip ------------------------------
```

10107 - HTTP Server Type and Version

Synopsis

A web server is running on the remote host.

Description

This plugin attempts to determine the type and the version of the remote web server.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2000/01/04, Modified: 2020/06/12

Plugin Output

tcp/80

```
The remote web server type is :

Microsoft-IIS/10.0
```

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

```
192.168.43.114 resolves as MishaDey.
```

24260 - HyperText Transfer Protocol (HTTP) Information

Synopsis

Some information about the remote HTTP configuration can be extracted.

Description

This test gives some information about the remote HTTP protocol - the version used, whether HTTP Keep-Alive and HTTP pipelining are enabled, etc...

This test is informational only and does not denote any security problem.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/01/30, Modified: 2019/11/22

Plugin Output

tcp/80

```

Response Code : HTTP/1.1 500 Internal Server Error

Protocol version : HTTP/1.1
SSL : no
Keep-Alive : no
Options allowed : (Not implemented)
Headers :

  Cache-Control: private
  Content-Type: text/html; charset=utf-8
  Server: Microsoft-IIS/10.0
  X-Powered-By: ASP.NET
  Date: Mon, 20 Jul 2020 23:35:41 GMT
  Content-Length: 4540

Response Body :

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<title>IIS 10.0 Detailed Error - 500.19 - Internal Server Error</title>
<style type="text/css">
<!--
body{margin:0;font-size:.7em;font-family:Verdana,Arial,Helvetica,sans-serif;}
code{margin:0;color:#006600;font-size:1.1em;font-weight:bold;}
.config_source code{font-size:.8em;color:#000000;}
```

```
pre{margin:0;font-size:1.4em;word-wrap:break-word;}
ul,ol{margin:10px 0 10px 5px;}
ul.first,ol.first{margin-top:5px;}
fieldset{padding:0 15px 10px 15px;word-break:break-all;}
.summary-container fieldset{padding-bottom:5px;margin-top:4px;}
legend.no-expand-all{padding:2px 15px 4px 10px;margin:0 0 0 -12px;}
legend{color:#333333;;margin:4px 0 8px -12px;_margin-top:0px;
font-weight:bold;font-size:1em;}
a:link,a:visited{color:#007EFF;font-weight:bold;}
a:hover{text-decoration:none;}
h1{font-size:2.4em;margin:0;color:#FFF;}
h2{font-size:1.7em;margin:0;color:#CC0000;}
h3{font-size:1.4em;margin:10px 0 0 0;color:#CC0000;}
h4{font-size:1.2em;margin:10px 0 5px 0;
}#header{width:96%;margin:0 0 0 0;padding:6px 2% 6px 2%;font-family:"trebuchet MS",Verdana,sans-
serif;
 color:#FFF;background-color:#5C87B2;
}#content{margin:0 0 0 2%;position:relative;}
.summary-container,.content-container{background:#FFF;width:96%;margin-
top:8px;padding:10px;position:relative;}
.content-container p{margin:0 0 10px 0;
}#details-left{width:35%;float:left;margin-right:2%;
}#details-right{width:63%;float:left;overflow:hidden;
}#server_version{width:96%;_height:1px;min-height:1px;margin:0 0 5px 0;padding:11px 2% 8px
 2%;color:#FFF [...]
```

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      : ssh_get_info2.nasl
    Plugin ID   : 97993
    Plugin Name : OS Identification and Installed Software Enumeration over SSH v2 (Using New SSH
 Library)
    Protocol    : LOCALHOST
    Message     :
Credentialed checks of Windows are not supported using SSH.

  - Plugin      : ssh_get_info.nasl
    Plugin ID   : 12634
    Plugin Name : Authenticated Check : OS Name and Installed Package Enumeration
    Protocol    : LOCALHOST
    Message     :
Remote host was not identified as a known device or operating
system and the execution of "uname -a" failed.

SSH Version Banner :


  - Plugin      : no_local_checks_credentials.nasl
```

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

42410 - Microsoft Windows NTLMSSP Authentication Request Remote Network Name Disclosure

Synopsis

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

Description

The remote host listens on tcp port 445 and replies to SMB requests.

By sending an NTLMSSP authentication request it is possible to obtain the name of the remote system and the name of its domain.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/11/06, Modified: 2019/11/22

Plugin Output

tcp/445/cifs

```
The following 2 NetBIOS names have been gathered :

 MISHADEY          = Computer name
 MISHADEY          = Workgroup / Domain name
```

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: 2020/01/22

Plugin Output

tcp/139/smb

```
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: 2020/01/22

Plugin Output

tcp/445/cifs

```

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: 2019/11/22

Plugin Output

tcp/445/cifs

```

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

106716 - Microsoft Windows SMB2 and SMB3 Dialects Supported (remote check)

Synopsis

It was possible to obtain information about the dialects of SMB2 and SMB3 available on the remote host.

Description

Nessus was able to obtain the set of SMB2 and SMB3 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: 2020/03/11

Plugin Output

tcp/445/cifs

```

The remote host supports the following SMB dialects :
_version_  _introduced in windows version_
2.0.2      Windows 2008
2.1        Windows 7
3.0        Windows 8
3.0.2      Windows 8.1
3.1.1      Windows 10

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

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: 2020/06/12

Plugin Output

tcp/0

```
Information about this scan :

Nessus version : 8.11.0
Plugin feed version : 202007201559
Scanner edition used : Nessus
Scan type : Normal
Scan policy used : Advanced Scan
Scanner IP : 192.168.43.114
Thorough tests : no
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 : disabled
Web application tests : disabled
Max hosts : 5
Max checks : 5
Recv timeout : 5
Backports : None
Allow post-scan editing: Yes
Scan Start Date : 2020/7/21 5:02 India Standard Time
Scan duration : 461 sec
```

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: 2020/03/09

Plugin Output

tcp/0

```

Remote operating system : Microsoft Windows Server 2003
Confidence level : 50
Method : FTP


The remote host is running Microsoft Windows Server 2003
```

97993 - OS Identification and Installed Software Enumeration over SSH v2 (Using New SSH Library)

Synopsis

Information about the remote host can be disclosed via an authenticated session.

Description

Nessus was able to login to the remote host using SSH or local commands and extract the list of installed packages.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2017/05/30, Modified: 2020/06/12

Plugin Output

tcp/0

```
Nessus can run commands on localhost to check if patches are applied.

Credentialed checks of Windows are not supported using SSH.

The remote host is not currently supported by this plugin.

Runtime : 1.61167 seconds
```

66173 - RDP Screenshot

Synopsis

It is possible to take a screenshot of the remote login screen.

Description

This script attempts to connect to the remote host via RDP (Remote Desktop Protocol) and attempts to take a screenshot of the login screen.

While this is not a vulnerability by itself, some versions of Windows display the names of the users who can connect and which ones are connected already.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/04/22, Modified: 2020/06/12

Plugin Output

tcp/3389/msrdp

```
It was possible to gather the following screenshot of the remote login screen.
```

56984 - SSL / TLS Versions Supported

Synopsis

The remote service encrypts communications.

Description

This plugin detects which SSL and TLS versions are supported by the remote service for encrypting communications.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/12/01, Modified: 2020/07/09

Plugin Output

tcp/21

```
This port supports TLSv1.0/TLSv1.1/TLSv1.2.
```

56984 - SSL / TLS Versions Supported

Synopsis

The remote service encrypts communications.

Description

This plugin detects which SSL and TLS versions are supported by the remote service for encrypting communications.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/12/01, Modified: 2020/07/09

Plugin Output

tcp/3389/msrdp

```
This port supports TLSv1.0/TLSv1.1/TLSv1.2.
```

45410 - SSL Certificate 'commonName' Mismatch

Synopsis

The 'commonName' (CN) attribute in the SSL certificate does not match the hostname.

Description

The service running on the remote host presents an SSL certificate for which the 'commonName' (CN) attribute does not match the hostname on which the service listens.

Solution

If the machine has several names, make sure that users connect to the service through the DNS hostname that matches the common name in the certificate.

Risk Factor

None

Plugin Information

Published: 2010/04/03, Modified: 2019/06/25

Plugin Output

tcp/21

```

The host name known by Nessus is :

  mishadey

The Common Name in the certificate is :

  127.0.0.1

The Subject Alternate Name in the certificate is :

  127.0.0.1
```

10863 - SSL Certificate Information

Synopsis

This plugin displays the SSL certificate.

Description

This plugin connects to every SSL-related port and attempts to extract and dump the X.509 certificate.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2008/05/19, Modified: 2020/06/17

Plugin Output

tcp/21

```
Subject Name:

Common Name: 127.0.0.1

Issuer Name:

Organization: Crossmatch
Common Name: Altus Local client Certificate Authority

Serial Number: DB F8 55 F6 FE DF 58 9B C6 4A 22 75 D1 BB 24 56

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: Jul 21 21:02:17 2018 GMT
Not Valid After: Jul 16 21:02:17 2038 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 1024 bits
Public Key: 00 CE BB 44 3D 64 FD A9 31 AE E2 D4 78 7C D3 95 1E 2D B7 88
            6F A9 69 64 B0 08 37 92 0A E4 7D B5 82 A9 CD E7 7D 66 16 97
            C8 AA 36 AA EF DA F3 2C E5 7C 39 FF 8E 33 77 20 BA 7B B3 CD
            AA CC 2A 8F 51 6A 3A E5 C0 2A 32 9C 05 23 C4 13 22 3D 06 1B
            05 5B BD 74 9C 77 C0 14 BD 67 66 AE 94 0A F5 D2 B6 22 94 8B
            AD EC AA 7F 45 B2 52 36 18 5F 69 72 5F C3 69 08 90 8D BC 84
            08 62 F6 3D 1F E6 6D 55 35
Exponent: 01 00 01

Signature Length: 128 bytes / 1024 bits
```

```
Signature: 00 B0 42 21 7A 21 DD 5F C9 F0 14 59 6A 28 E3 2B 90 37 91 08
           0A E5 7B 7A 34 C5 F3 F0 86 2F 44 BC 7C 71 F3 F0 82 37 FD 78
           48 F5 9B 33 D6 D2 88 45 F7 E5 E4 E6 A6 26 4B 80 35 9D BC 43
           35 02 75 B7 E7 03 44 EB 68 EB 4D 4A FD 72 F6 2E 9B 20 A5 92
           A8 26 97 F6 6D E9 06 78 73 D9 3F 98 AB F1 5B 35 39 F5 96 E4
           9D 88 BF A7 D8 F4 E2 EC D9 02 33 F1 77 B3 79 A1 14 5B 0E 6B
           80 98 36 79 2B 4D 02 4C ED

Extension: Key Usage (2.5.29.15)
Critical: 0
Key Usage: Digital Signature, Key Encipherment


Extension: Extended Key Usage (2.5.29.37)
Critical: 0
Purpose#1: Web Server Authentication (1.3.6.1.5.5.7.3.1)


Extension: Subject Alternative Name (2.5.29.17)
Critical: 0


Fingerprints :

SHA-256 Fingerprint: A0 D3 E8 17 0C A8 35 A8 C8 22 C5 0A 3A 96 02 A0 A4 93 BD 4C
                     5B 27 84 84 2E 72 B1 EE 9B 35 CD C1
SHA-1 Fingerprint: AD A6 5B 34 C0 37 65 5D 61 F9 CE 84 F5 54 75 AC 01 50 DA 53
MD5 Fingerprint: 2B EE FE 39 53 70 52 21 1E BB 31 36 53 74 A6 14


PEM certificate :

-----BEGIN CERTIFICATE-----
M [...]
```

10863 - SSL Certificate Information

Synopsis

This plugin displays the SSL certificate.

Description

This plugin connects to every SSL-related port and attempts to extract and dump the X.509 certificate.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2008/05/19, Modified: 2020/06/17

Plugin Output

tcp/3389/msrdp

```
Subject Name:

Common Name: MishaDey

Issuer Name:

Common Name: MishaDey

Serial Number: 72 CC A6 12 F2 E8 46 99 49 FF 4D 80 A5 AD AA 7B

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: Jul 02 09:53:01 2020 GMT
Not Valid After: Jan 01 09:53:01 2021 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 2048 bits
Public Key: 00 BD 36 CE CF 5D 9D AD 4B B6 F5 B4 8C 3A 66 FC 1E A4 56 E2
            CD CE 8C E8 9B 3E 1D CE 8A D5 AE 10 AA B7 EB 26 E2 AA 88 83
            8D A3 57 FB 26 77 BD 67 75 BD 91 0F F3 FF 10 5F 06 7F 27 08
            BE AB 1A 18 93 7E BA 41 EC B5 BF FC 88 80 0F 18 CF E4 C0 26
            0D CA B3 11 24 8C 2E 7F A7 63 62 69 63 FA 83 BA D0 4D A9 1B
            C5 4C 29 7C 3F A6 C8 D2 D9 B9 F9 28 A3 0E D6 3B 6D 70 C0 8B
            E0 70 88 CC D9 9D 07 73 84 E1 0A D1 32 85 4E 63 32 46 2F E7
            A0 93 E5 89 DE CD F9 A0 85 F6 F1 2B 3D 1B D6 A9 F0 AE 8A 51
            FE 99 D9 7E CA 19 03 6D 98 1B B5 F8 BF 13 73 87 47 DB 1F 4B
            4D A9 9F 37 1A 37 9F D2 B2 F1 B1 0D 2D A5 62 CF 17 2B F4 30
            2D 7F F5 B6 13 A5 32 E6 E6 20 49 4D 85 06 A5 2F 2E 2D 47 35
            7F 47 C6 E4 AE 5E 6B DE 06 25 50 97 9A 0E 01 7D 63 63 19 42
            F4 3D 52 21 6C F1 D6 5D BF 33 25 52 43 11 1D 5E B1
Exponent: 01 00 01

Signature Length: 256 bytes / 2048 bits
Signature: 00 73 A5 7B 3D 00 A1 55 48 D2 05 F9 78 14 ED 2F 77 67 A5 49
           A3 AC 00 D8 68 88 39 C1 D3 48 AB 2F 8E 16 18 EB 5E 6E 41 D0
           94 63 5D 8E 0F D5 B4 D5 81 18 4B 90 4C 09 F4 2B 3E 98 4C 29
           9B D6 95 9E 37 82 A5 A3 41 81 83 CB 3D D7 32 5F E1 D6 53 99
           66 C5 E9 59 42 EF DB 26 33 E6 EB 8E 20 31 4E 70 45 18 3B 52
           9C 62 91 50 BB 91 6A 27 10 48 8B B6 E0 6D 3F 0A D4 5F 8E 72
           B3 07 BE 9C 7B 18 5B DD 6E 2C 2C 62 30 2E 3F 62 70 DF 48 CF
           B7 EC AA AE E8 47 30 D0 03 57 60 B4 FB 79 F2 A6 0F 8E 53 6B
           50 3A E6 7B 94 DA C9 FF A8 CE 29 D8 5F 26 2E 32 A0 AD 6E E5
           A1 B2 64 57 74 3D E1 D8 70 8A DC [...]
```

70544 - SSL Cipher Block Chaining Cipher Suites Supported

Synopsis

The remote service supports the use of SSL Cipher Block Chaining ciphers, which combine previous blocks with subsequent ones.

Description

The remote host supports the use of SSL ciphers that operate in Cipher Block Chaining (CBC) mode. These cipher suites offer additional security over Electronic Codebook (ECB) mode, but have the potential to leak information if used improperly.

See Also

https://www.openssl.org/docs/manmaster/man1/ciphers.html

http://www.nessus.org/u?cc4a822a

https://www.openssl.org/~bodo/tls-cbc.txt

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/10/22, Modified: 2018/11/15

Plugin Output

tcp/21

```
Here is the list of SSL CBC ciphers supported by the remote server :

  Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DES-CBC3-SHA                  0x00, 0x0A       RSA           RSA      3DES-CBC(168)
 SHA1

  High Strength Ciphers (>= 112-bit key)

    Name                          Code             KEX           Auth     Encryption             MAC
    ---------------------         ----------       ---           ----     ---------------------  ---
    ECDHE-RSA-AES128-SHA          0xC0, 0x13       ECDH          RSA      AES-CBC(128)
 SHA1
    ECDHE-RSA-AES256-SHA          0xC0, 0x14       ECDH          RSA      AES-CBC(256)
 SHA1
```

```
    AES128-SHA                    0x00, 0x2F       RSA           RSA      AES-CBC(128)
 SHA1
    AES256-SHA                    0x00, 0x35       RSA           RSA      AES-CBC(256)
 SHA1
    ECDHE-RSA-AES128-SHA256       0xC0, 0x27       ECDH          RSA      AES-CBC(128)
 SHA256
    ECDHE-RSA-AES256-SHA384       0xC0, 0x28       ECDH          RSA      AES-CBC(256)
 SHA384
    RSA-AES128-SHA256             0x00, 0x3C       RSA           RSA      AES-CBC(128)
 SHA256
    RSA-AES256-SHA256             0x00, 0x3D       RSA           RSA      AES-CBC(256)
 SHA256

The fields above are :

  {Tenable ciphername}
  {Cipher ID code}
  Kex={key exchange}
  Auth={authentication}
  Encrypt={symmetric encryption method}
  MAC={message authentication code}
  {export flag}
```

70544 - SSL Cipher Block Chaining Cipher Suites Supported

Synopsis

The remote service supports the use of SSL Cipher Block Chaining ciphers, which combine previous blocks with subsequent ones.

Description

The remote host supports the use of SSL ciphers that operate in Cipher Block Chaining (CBC) mode. These cipher suites offer additional security over Electronic Codebook (ECB) mode, but have the potential to leak information if used improperly.

See Also

https://www.openssl.org/docs/manmaster/man1/ciphers.html

http://www.nessus.org/u?cc4a822a

https://www.openssl.org/~bodo/tls-cbc.txt

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/10/22, Modified: 2018/11/15

Plugin Output

tcp/3389/msrdp

```

Here is the list of SSL CBC ciphers supported by the remote server :

  Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DES-CBC3-SHA                  0x00, 0x0A       RSA           RSA      3DES-CBC(168)
 SHA1

  High Strength Ciphers (>= 112-bit key)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    ECDHE-RSA-AES128-SHA          0xC0, 0x13       ECDH          RSA      AES-CBC(128)
 SHA1
    ECDHE-RSA-AES256-SHA          0xC0, 0x14       ECDH          RSA      AES-CBC(256)
 SHA1
```

```
      AES128-SHA                    0x00, 0x2F       RSA           RSA      AES-CBC(128)
   SHA1
      AES256-SHA                    0x00, 0x35       RSA           RSA      AES-CBC(256)
   SHA1
      ECDHE-RSA-AES128-SHA256       0xC0, 0x27       ECDH          RSA      AES-CBC(128)
   SHA256
      ECDHE-RSA-AES256-SHA384       0xC0, 0x28       ECDH          RSA      AES-CBC(256)
   SHA384
      RSA-AES128-SHA256             0x00, 0x3C       RSA           RSA      AES-CBC(128)
   SHA256
      RSA-AES256-SHA256             0x00, 0x3D       RSA           RSA      AES-CBC(256)
   SHA256

  The fields above are :

    {Tenable ciphername}
    {Cipher ID code}
    Kex={key exchange}
    Auth={authentication}
    Encrypt={symmetric encryption method}
    MAC={message authentication code}
    {export flag}
```

21643 - SSL Cipher Suites Supported

Synopsis

The remote service encrypts communications using SSL.

Description

This plugin detects which SSL ciphers are supported by the remote service for encrypting communications.

See Also

https://www.openssl.org/docs/man1.1.0/apps/ciphers.html

http://www.nessus.org/u?3a040ada

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/06/05, Modified: 2020/07/09

Plugin Output

tcp/21

```
Here is the list of SSL ciphers supported by the remote server :
Each group is reported per SSL Version.

SSL Version : TLSv12
  Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DES-CBC3-SHA                  0x00, 0x0A       RSA           RSA      3DES-CBC(168)
 SHA1

  High Strength Ciphers (>= 112-bit key)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DHE-RSA-AES128-SHA256         0x00, 0x9E       DH            RSA      AES-GCM(128)
 SHA256
    DHE-RSA-AES256-SHA384         0x00, 0x9F       DH            RSA      AES-GCM(256)
 SHA384
    ECDHE-RSA-AES128-SHA256       0xC0, 0x2F       ECDH          RSA      AES-GCM(128)
 SHA256
    ECDHE-RSA-AES256-SHA384       0xC0, 0x30       ECDH          RSA      AES-GCM(256)
 SHA384
```

```
   RSA-AES128-SHA256             0x00, 0x9C       RSA           RSA      AES-GCM(128)
SHA256
   RSA-AES256-SHA384             0x00, 0x9D       RSA           RSA      AES-GCM(256)
SHA384
   ECDHE-RSA-AES128-SHA          0xC0, 0x13       ECDH          RSA      AES-CBC(128)
SHA1
   ECDHE-RSA-AES256-SHA          0xC0, 0x14       ECDH          RSA      AES-CBC(256)
SHA1
   AES128-SHA                    0x00, 0x2F       RSA           RSA      AES-CBC(128)
SHA1
   AES256-SHA                    0x00, 0x35       RSA           RSA      AES-CBC(256)
SHA1
   ECDHE-RSA-AES128-SHA256       0xC0, 0x27       ECDH          RSA      AES-CBC(128)
SHA256
   ECDHE-RSA-AES256-SHA384       0xC0, 0x28       ECDH          RSA      AES-CBC(256)
SHA384
   RSA-AES128-SHA256             0x00, 0x3C       RSA           RS [...]
```

21643 - SSL Cipher Suites Supported

Synopsis

The remote service encrypts communications using SSL.

Description

This plugin detects which SSL ciphers are supported by the remote service for encrypting communications.

See Also

https://www.openssl.org/docs/man1.1.0/apps/ciphers.html

http://www.nessus.org/u?3a040ada

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/06/05, Modified: 2020/07/09

Plugin Output

tcp/3389/msrdp

```
Here is the list of SSL ciphers supported by the remote server :
Each group is reported per SSL Version.

SSL Version : TLSv12
  Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DES-CBC3-SHA                  0x00, 0x0A       RSA           RSA      3DES-CBC(168)
 SHA1

  High Strength Ciphers (>= 112-bit key)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DHE-RSA-AES128-SHA256         0x00, 0x9E       DH            RSA      AES-GCM(128)
 SHA256
    DHE-RSA-AES256-SHA384         0x00, 0x9F       DH            RSA      AES-GCM(256)
 SHA384
    ECDHE-RSA-AES128-SHA256       0xC0, 0x2F       ECDH          RSA      AES-GCM(128)
 SHA256
    ECDHE-RSA-AES256-SHA384       0xC0, 0x30       ECDH          RSA      AES-GCM(256)
 SHA384
```

```
   RSA-AES128-SHA256             0x00, 0x9C       RSA           RSA      AES-GCM(128)
SHA256
   RSA-AES256-SHA384             0x00, 0x9D       RSA           RSA      AES-GCM(256)
SHA384
   ECDHE-RSA-AES128-SHA          0xC0, 0x13       ECDH          RSA      AES-CBC(128)
SHA1
   ECDHE-RSA-AES256-SHA          0xC0, 0x14       ECDH          RSA      AES-CBC(256)
SHA1
   AES128-SHA                    0x00, 0x2F       RSA           RSA      AES-CBC(128)
SHA1
   AES256-SHA                    0x00, 0x35       RSA           RSA      AES-CBC(256)
SHA1
   ECDHE-RSA-AES128-SHA256       0xC0, 0x27       ECDH          RSA      AES-CBC(128)
SHA256
   ECDHE-RSA-AES256-SHA384       0xC0, 0x28       ECDH          RSA      AES-CBC(256)
SHA384
   RSA-AES128-SHA256             0x00, 0x3C       RSA           RS [...]
```

57041 - SSL Perfect Forward Secrecy Cipher Suites Supported

Synopsis

The remote service supports the use of SSL Perfect Forward Secrecy ciphers, which maintain confidentiality even if the key is stolen.

Description

The remote host supports the use of SSL ciphers that offer Perfect Forward Secrecy (PFS) encryption. These cipher suites ensure that recorded SSL traffic cannot be broken at a future date if the server's private key is compromised.

See Also

https://www.openssl.org/docs/manmaster/man1/ciphers.html

https://en.wikipedia.org/wiki/Diffie-Hellman_key_exchange

https://en.wikipedia.org/wiki/Perfect_forward_secrecy

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/12/07, Modified: 2018/11/15

Plugin Output

tcp/21

```
Here is the list of SSL PFS ciphers supported by the remote server :

  High Strength Ciphers (>= 112-bit key)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DHE-RSA-AES128-SHA256         0x00, 0x9E       DH            RSA      AES-GCM(128)
 SHA256
    DHE-RSA-AES256-SHA384         0x00, 0x9F       DH            RSA      AES-GCM(256)
 SHA384
    ECDHE-RSA-AES128-SHA256       0xC0, 0x2F       ECDH          RSA      AES-GCM(128)
 SHA256
    ECDHE-RSA-AES256-SHA384       0xC0, 0x30       ECDH          RSA      AES-GCM(256)
 SHA384
    ECDHE-RSA-AES128-SHA          0xC0, 0x13       ECDH          RSA      AES-CBC(128)
 SHA1
```

```
    ECDHE-RSA-AES256-SHA          0xC0, 0x14       ECDH          RSA      AES-CBC(256)
 SHA1
    ECDHE-RSA-AES128-SHA256       0xC0, 0x27       ECDH          RSA      AES-CBC(128)
 SHA256
    ECDHE-RSA-AES256-SHA384       0xC0, 0x28       ECDH          RSA      AES-CBC(256)
 SHA384

The fields above are :

  {Tenable ciphername}
  {Cipher ID code}
  Kex={key exchange}
  Auth={authentication}
  Encrypt={symmetric encryption method}
  MAC={message authentication code}
  {export flag}
```

57041 - SSL Perfect Forward Secrecy Cipher Suites Supported

Synopsis

The remote service supports the use of SSL Perfect Forward Secrecy ciphers, which maintain confidentiality even if the key is stolen.

Description

The remote host supports the use of SSL ciphers that offer Perfect Forward Secrecy (PFS) encryption. These cipher suites ensure that recorded SSL traffic cannot be broken at a future date if the server's private key is compromised.

See Also

https://www.openssl.org/docs/manmaster/man1/ciphers.html

https://en.wikipedia.org/wiki/Diffie-Hellman_key_exchange

https://en.wikipedia.org/wiki/Perfect_forward_secrecy

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/12/07, Modified: 2018/11/15

Plugin Output

tcp/3389/msrdp

```

Here is the list of SSL PFS ciphers supported by the remote server :

  High Strength Ciphers (>= 112-bit key)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     ---------------------  ---
    DHE-RSA-AES128-SHA256         0x00, 0x9E       DH            RSA      AES-GCM(128)
 SHA256
    DHE-RSA-AES256-SHA384         0x00, 0x9F       DH            RSA      AES-GCM(256)
 SHA384
    ECDHE-RSA-AES128-SHA256       0xC0, 0x2F       ECDH          RSA      AES-GCM(128)
 SHA256
    ECDHE-RSA-AES256-SHA384       0xC0, 0x30       ECDH          RSA      AES-GCM(256)
 SHA384
    ECDHE-RSA-AES128-SHA          0xC0, 0x13       ECDH          RSA      AES-CBC(128)
 SHA1
```

```
    ECDHE-RSA-AES256-SHA          0xC0, 0x14       ECDH          RSA      AES-CBC(256)
 SHA1
    ECDHE-RSA-AES128-SHA256       0xC0, 0x27       ECDH          RSA      AES-CBC(128)
 SHA256
    ECDHE-RSA-AES256-SHA384       0xC0, 0x28       ECDH          RSA      AES-CBC(256)
 SHA384

The fields above are :

  {Tenable ciphername}
  {Cipher ID code}
  Kex={key exchange}
  Auth={authentication}
  Encrypt={symmetric encryption method}
  MAC={message authentication code}
  {export flag}
```

121010 - TLS Version 1.1 Protocol Detection

Synopsis

The remote service encrypts traffic using an older version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.1.

TLS 1.1 lacks support for current and recommended cipher suites.

Ciphers that support encryption before MAC computation, and authenticated encryption modes such as GCM cannot be used with TLS 1.1

As of March 31, 2020, Endpoints that are not enabled for TLS 1.2 and higher will no longer function properly with major web browsers and major vendors.

PCI DSS v3.2 still allows TLS 1.1 as of June 30, 2018, but strongly recommends the use of TLS 1.2. A proposal is currently before the IETF to fully deprecate TLS 1.1 and many vendors have already proactively done this.

See Also

https://tools.ietf.org/html/draft-ietf-tls-oldversions-deprecate-00

http://www.nessus.org/u?c8ae820d

Solution

Enable support for TLS 1.2 and/or 1.3, and disable support for TLS 1.1.

Risk Factor

None

Plugin Information

Published: 2019/01/08, Modified: 2020/06/26

Plugin Output

tcp/21

```
TLSv1.1 is enabled and the server supports at least one cipher.
```

121010 - TLS Version 1.1 Protocol Detection

Synopsis

The remote service encrypts traffic using an older version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.1.

TLS 1.1 lacks support for current and recommended cipher suites.

Ciphers that support encryption before MAC computation, and authenticated encryption modes such as GCM cannot be used with TLS 1.1

As of March 31, 2020, Endpoints that are not enabled for TLS 1.2 and higher will no longer function properly with major web browsers and major vendors.

PCI DSS v3.2 still allows TLS 1.1 as of June 30, 2018, but strongly recommends the use of TLS 1.2. A proposal is currently before the IETF to fully deprecate TLS 1.1 and many vendors have already proactively done this.

See Also

https://tools.ietf.org/html/draft-ietf-tls-oldversions-deprecate-00

http://www.nessus.org/u?c8ae820d

Solution

Enable support for TLS 1.2 and/or 1.3, and disable support for TLS 1.1.

Risk Factor

None

Plugin Information

Published: 2019/01/08, Modified: 2020/06/26

Plugin Output

tcp/3389/msrdp

```
TLSv1.1 is enabled and the server supports at least one cipher.
```

136318 - TLS Version 1.2 Protocol Detection

Synopsis

The remote service encrypts traffic using a version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.2.

See Also

https://tools.ietf.org/html/rfc5246

Solution

N/A

Risk Factor

None

Plugin Information

Published: 2020/05/04, Modified: 2020/05/04

Plugin Output

tcp/21

```
TLSv1.2 is enabled and the server supports at least one cipher.
```

136318 - TLS Version 1.2 Protocol Detection

Synopsis

The remote service encrypts traffic using a version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.2.

See Also

https://tools.ietf.org/html/rfc5246

Solution

N/A

Risk Factor

None

Plugin Information

Published: 2020/05/04, Modified: 2020/05/04

Plugin Output

tcp/3389/msrdp

```
TLSv1.2 is enabled and the server supports at least one cipher.
```

64814 - Terminal Services Use SSL/TLS

Synopsis

The remote Terminal Services use SSL/TLS.

Description

The remote Terminal Services is configured to use SSL/TLS.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/02/22, Modified: 2018/03/29

Plugin Output

tcp/3389/msrdp

```
Subject Name:

Common Name: MishaDey

Issuer Name:

Common Name: MishaDey

Serial Number: 72 CC A6 12 F2 E8 46 99 49 FF 4D 80 A5 AD AA 7B

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: Jul 02 09:53:01 2020 GMT
Not Valid After: Jan 01 09:53:01 2021 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 2048 bits
Public Key: 00 BD 36 CE CF 5D 9D AD 4B B6 F5 B4 8C 3A 66 FC 1E A4 56 E2
            CD CE 8C E8 9B 3E 1D CE 8A D5 AE 10 AA B7 EB 26 E2 AA 88 83
            8D A3 57 FB 26 77 BD 67 75 BD 91 0F F3 FF 10 5F 06 7F 27 08
            BE AB 1A 18 93 7E BA 41 EC B5 BF FC 88 80 0F 18 CF E4 C0 26
            0D CA B3 11 24 8C 2E 7F A7 63 62 69 63 FA 83 BA D0 4D A9 1B
            C5 4C 29 7C 3F A6 C8 D2 D9 B9 F9 28 A3 0E D6 3B 6D 70 C0 8B
            E0 70 88 CC D9 9D 07 73 84 E1 0A D1 32 85 4E 63 32 46 2F E7
            A0 93 E5 89 DE CD F9 A0 85 F6 F1 2B 3D 1B D6 A9 F0 AE 8A 51
            FE 99 D9 7E CA 19 03 6D 98 1B B5 F8 BF 13 73 87 47 DB 1F 4B
            4D A9 9F 37 1A 37 9F D2 B2 F1 B1 0D 2D A5 62 CF 17 2B F4 30
            2D 7F F5 B6 13 A5 32 E6 E6 20 49 4D 85 06 A5 2F 2E 2D 47 35
            7F 47 C6 E4 AE 5E 6B DE 06 25 50 97 9A 0E 01 7D 63 63 19 42
            F4 3D 52 21 6C F1 D6 5D BF 33 25 52 43 11 1D 5E B1
Exponent: 01 00 01

Signature Length: 256 bytes / 2048 bits
Signature: 00 73 A5 7B 3D 00 A1 55 48 D2 05 F9 78 14 ED 2F 77 67 A5 49
           A3 AC 00 D8 68 88 39 C1 D3 48 AB 2F 8E 16 18 EB 5E 6E 41 D0
           94 63 5D 8E 0F D5 B4 D5 81 18 4B 90 4C 09 F4 2B 3E 98 4C 29
           9B D6 95 9E 37 82 A5 A3 41 81 83 CB 3D D7 32 5F E1 D6 53 99
           66 C5 E9 59 42 EF DB 26 33 E6 EB 8E 20 31 4E 70 45 18 3B 52
           9C 62 91 50 BB 91 6A 27 10 48 8B B6 E0 6D 3F 0A D4 5F 8E 72
           B3 07 BE 9C 7B 18 5B DD 6E 2C 2C 62 30 2E 3F 62 70 DF 48 CF
           B7 EC AA AE E8 47 30 D0 03 57 60 B4 FB 79 F2 A6 0F 8E 53 6B
           50 3A E6 7B 94 DA C9 FF A8 CE 29 D8 5F 26 2E 32 A0 AD 6E E5
           A1 B2 64 57 74 3D E1 D8 70 8A DC [...]
```

35711 - Universal Plug and Play (UPnP) Protocol Detection

Synopsis

The remote device supports UPnP.

Description

The remote device answered an SSDP M-SEARCH request. Therefore, it supports 'Universal Plug and Play' (UPnP). This protocol provides automatic configuration and device discovery. It is primarily intended for home networks. An attacker could potentially leverage this to discover your network architecture.

See Also

https://en.wikipedia.org/wiki/Universal_Plug_and_Play

https://en.wikipedia.org/wiki/Simple_Service_Discovery_Protocol

http://quimby.gnus.org/internet-drafts/draft-cai-ssdp-v1-03.txt

Solution

Filter access to this port if desired.

Risk Factor

None

Plugin Information

Published: 2009/02/19, Modified: 2018/09/12

Plugin Output

udp/1900/ssdp

```
The device responded to an SSDP M-SEARCH request with the following locations :

    http://192.168.43.114:24923

And advertises these unique service names :
```

135860 - WMI Not Available

Synopsis

WMI queries could not be made against the remote host.

Description

WMI (Windows Management Instrumentation) is not available on the remote host over DCOM. WMI queries are used to gather information about the remote host, such as its current state, network interface configuration, etc.

Without this information Nessus may not be able to identify installed software or security vunerabilities that exist on the remote host.

See Also

https://docs.microsoft.com/en-us/windows/win32/wmisdk/wmi-start-page

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2020/04/21, Modified: 2020/07/03

Plugin Output

tcp/445/cifs

```
Can't connect to the 'root\CIMV2' WMI namespace.
```

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: 2020/05/14

Plugin Output

tcp/445/cifs

```
The following 2 NetBIOS names have been gathered :

 MISHADEY          = Computer name
 MISHADEY          = Workgroup / Domain name
```

10940 - Windows Terminal Services Enabled

Synopsis

The remote Windows host has Terminal Services enabled.

Description

Terminal Services allows a Windows user to remotely obtain a graphical login (and therefore act as a local user on the remote host).

If an attacker gains a valid login and password, this service could be used to gain further access on the remote host. An attacker may also use this service to mount a dictionary attack against the remote host to try to log in remotely.

Note that RDP (the Remote Desktop Protocol) is vulnerable to Man-in-the-middle attacks, making it easy for attackers to steal the credentials of legitimate users by impersonating the Windows server.

Solution

Disable Terminal Services if you do not use it, and do not allow this service to run across the Internet.

Risk Factor

None

Plugin Information

Published: 2002/04/20, Modified: 2020/07/08

Plugin Output

```
tcp/3389/msrdp
```

66717 - mDNS Detection (Local Network)

Synopsis

It is possible to obtain information about the remote host.

Description

The remote service understands the Bonjour (also known as ZeroConf or mDNS) protocol, which allows anyone to uncover information from the remote host such as its operating system type and exact version, its hostname, and the list of services it is running.

This plugin attempts to discover mDNS used by hosts residing on the same network segment as Nessus.

Solution

Filter incoming traffic to UDP port 5353, if desired.

Risk Factor

None

Plugin Information

Published: 2013/05/31, Modified: 2013/05/31

Plugin Output

udp/5353/mdns

```
Nessus was able to extract the following information :

  - mDNS hostname       : MishaDey.local.
```