Metasploitable

Report generated by Nessus™ Thu, 24 Nov 2022 06:48:14 EST

TABLE OF CONTENTS

Vulnerabilities by Host

Vulnerabilities by Host

192.168.32.102

9	5	24	5	122
CRITICAL	HIGH	MEDIUM	LOW	INFO

Scan Information

Start time: Thu Nov 24 06:20:55 2022
End time: Thu Nov 24 06:48:14 2022

Host Information

Netbios Name: METASPLOITABLE
IP: 192.168.32.102
MAC Address: 08:00:27:E2:A5:64
OS: Linux Kernel 2.6 on Ubuntu 8.04 (hardy)

Vulnerabilities

51988 - Bind Shell Backdoor Detection

Synopsis

Questo host remoto è stato compromesso.

Description

Un shell sta ascoltando sulla porta remota senza richiesta di autorizzazione. Un attacante potrebbe usarla per Connettersi alla porta remota e inviare comandi direttamente.

Solution

Verificare se l'host remoto è compromesso e reinstallare il sistema se necessario.

Risk Factor

Critico

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 v2.0 Base Score

32314 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness

Synopsis

Le keys dell'host remoto SSH sono deboli.

Description

La key dell'host remoto SSH è stata generata su un sistema Debian o Linux che contiene bug nel generatore randomomico della sua libreria OpenSSL.

Il problema è causato da un packager Debian che ha rimosso quasi tutte le risorse di entropia nella versione remota Di Open SSL.

Un attaccante può facilmente ottenere la parte privata di una key remota e usarla per decifrare la sessione remota O attuare un attacco man in the middle.

See Also

http://www.nessus.org/u?107f9bdc

http://www.nessus.org/u?f14f4224

Solution

Bisogna considerare tutto il materiale generato sull'host remoto come indovinabile. In particolare tutte le chiavi SSH, SSL e OpenVPN devono essere rigenerate.

Risk Factor

Critico

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

8.3 (CVSS2#E:F/RL:OF/RC:C)

References

BID	29179
CVE	CVE-2008-0166
XREF	CWE:310

Exploitable With

Core Impact (true)

32321 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness (SSL ch

Synopsis

Il certificato remoto SSL Utilizza una key debole.

Description

Il certificato remoto x509 sul server remoto SSL è stato generato su un sistema Debian o Linux che contiene
Un bug nel generatore numerico randomico della sua libreria OpenSSL.

Il problema è causato da un packager Debian che ha rimosso quasi tutte le risorse di entropia nella versione
Remota di OpenSSL.

Un attaccante può facilmente ottenere la parte privata di una key remota e usarla per decifrare la sessione remota
O attuare un attacco man in the middle.

See Also

http://www.nessus.org/u?107f9bdc

http://www.nessus.org/u?f14f4224

Solution

Bisogna considerare tutto il materiale generato sull'host remoto come indovinabile. In particolare tutte le chiavi
SSH, SSL e OpenVPN devono essere rigenerate.

Risk Factor

Critico

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

8.3 (CVSS2#E:F/RL:OF/RC:C)

References

BID	29179
CVE	CVE-2008-0166
XREF	CWE:310

Exploitable With

Core Impact (true)

32321 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness (SSL ch

Synopsis

The remote SSL certificate uses a weak key.

Description

Il certificato remoto x509 sul server remoto SSL è stato generato su un sistema Debian o Linux che contiene
Un bug nel generatore numerico randomico della sua libreria OpenSSL.

Il problema è causato da un packager Debian che ha rimosso quasi tutte le risorse di entropia nella versione
Remota di OpenSSL.

Un attaccante può facilmente ottenere la parte privata di una key remota e usarla per decifrare la sessione remota
O attuare un attacco man in the middle.

See Also

http://www.nessus.org/u?107f9bdc

http://www.nessus.org/u?f14f4224

Solution

Bisogna considerare tutto il materiale generato sull'host remoto come indovinabile. In particolare tutte le chiavi
SSH, SSL e OpenVPN devono essere rigenerate.

Risk Factor

Critical

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

8.3 (CVSS2#E:F/RL:OF/RC:C)

References

BID	29179
CVE	CVE-2008-0166
XREF	CWE:310

Exploitable With

Core Impact (true)

11356 - NFS Exported Share Information Disclosure

Synopsis

E’ possibile accedere agli NFS shares sull’host remoto.

Description

Almeno unu degli NFS shares esportati dal server remotopuò essere montato dall’host scansionante. Un attaccante Potrebbe sfruttarlo per leggere (e scrivere) file sull’host remoto .

Solution

Configurare l’NFS sull’host remoto in modo che solo gli host autorizzati possano montare i suoi share remoti.

Risk Factor

Critico

CVSS v2.0 Base Score

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

References

CVE	CVE-1999-0170
CVE	CVE-1999-0211
CVE	CVE-1999-0554

Exploitable With

Metasploit (true)

Plugin Information

Published: 2003/03/12, Modified: 2018/09/17

Plugin Output

udp/2049/rpc-nfs

```
The following NFS shares could be mounted :

+ /
  + Contents of / :
    - .
    - ..
    - bin
    - boot
    - cdrom
```

20007 - SSL Version 2 and 3 Protocol Detection

Synopsis

Il servizio remoto cripta utilizzando un protocollo con debolezze conosciute.

Description

Il servizio remoto accetta connessioni criptate che usano SSL 2.0 e/o SSL 3.0. Queste versioni di SSL sono affette da varie debolezze che includono:

-Uno schema di riempimento insicuro con cifrari CBC.

-Schemi di rinegoziazione e ripresa delle sessioni non sicure.

Un utente malintenzionato può sfruttare questi difetti per condurre attacchi man-in-the-middle o per decrittografare le comunica

Sebbene SSL/TLS disponga di un mezzo sicuro per scegliere la versione più supportata del protocollo (in modo che queste ve

Il NIST ha stabilito che SSL 3.0 non è più accettabile per le comunicazioni sicure. A partire dalla data di entrata in vigore trovat

See Also

https://www.schneier.com/academic/paperfiles/paper-ssl.pdf

http://www.nessus.org/u?b06c7e95

http://www.nessus.org/u?247c4540

https://www.openssl.org/~bodo/ssl-poodle.pdf

http://www.nessus.org/u?5d15ba70

https://www.imperialviolet.org/2014/10/14/poodle.html

https://tools.ietf.org/html/rfc7507

https://tools.ietf.org/html/rfc7568

Solution

Consultare la documentazione dell'applicazione per disabilitare SSL 2.0 e 3.0. Utilizzare invece TLS 1.2 (con pacchetti di crittografia approvati) o versioni successive.

Risk Factor

Critico

CVSS v3.0 Base Score

20007 - SSL Version 2 and 3 Protocol Detection

Synopsis

Il servizio remoto crittografa il traffico utilizzando un protocollo con punti deboli noti.

Description

Il servizio remoto accetta connessioni crittografate utilizzando SSL 2.0 e/o SSL 3.0. Queste versioni di SSL sono affette da diversi difetti crittografici, tra cui:

-Uno schema di riempimento insicuro con cifrari CBC.

-Schemi di rinegoziazione e ripresa delle sessioni non sicure.

Un utente malintenzionato può sfruttare questi difetti per condurre attacchi man-in-the-middle o per decrittografare le comunica

Sebbene SSL/TLS disponga di un mezzo sicuro per scegliere la versione più supportata del protocollo (in modo che queste ve

Il NIST ha stabilito che SSL 3.0 non è più accettabile per le comunicazioni sicure. A partire dalla data di entrata in vigore trovat

See Also

https://www.schneier.com/academic/paperfiles/paper-ssl.pdf

http://www.nessus.org/u?b06c7e95

http://www.nessus.org/u?247c4540

https://www.openssl.org/~bodo/ssl-poodle.pdf

http://www.nessus.org/u?5d15ba70

https://www.imperialviolet.org/2014/10/14/poodle.html

https://tools.ietf.org/html/rfc7507

https://tools.ietf.org/html/rfc7568

Solution

Consultare la documentazione dell'applicazione per disabilitare SSL 2.0 e 3.0. Utilizzare invece TLS 1.2 (con pacchetti di crittografia approvati) o versioni successive.

Risk Factor

Critico

CVSS v3.0 Base Score

33850 - Unix Operating System Unsupported Version Detection

Synopsis

Il sistema operativo in esecuzione sull'host remoto non è più supportato.

Description

In base al numero di versione auto-riportato, il sistema operativo Unix in esecuzione sull'host remoto non è più supportato.

La mancanza di supporto implica che il fornitore non rilascerà nuove patch di sicurezza per il prodotto.
Di conseguenza, è probabile che contenga vulnerabilità di sicurezza.

Solution

Aggiorna a una versione del sistema operativo Unix attualmente supportata.

Risk Factor

Critico

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 v2.0 Base Score

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

References

XREF	IAVA:0001-A-0502
XREF	IAVA:0001-A-0648

Plugin Information

Published: 2008/08/08, Modified: 2022/10/05

Plugin Output

tcp/0

```
Ubuntu 8.04 support ended on 2011-05-12 (Desktop) / 2013-05-09 (Server).
Upgrade to Ubuntu 21.04 / LTS 20.04 / LTS 18.04.

For more information, see : https://wiki.ubuntu.com/Releases
```

61708 - VNC Server 'password' Password

Synopsis

Un server VNC in esecuzione sull'host remoto è protetto da una password debole.

Description

Il server VNC in esecuzione sull'host remoto è protetto da una password debole.
Nessus è stato in grado di accedere utilizzando l'autenticazione VNC e una password di "password".
Un utente malintenzionato remoto e non autenticato potrebbe sfruttarlo per assumere il controllo del sistema.

Solution

Proteggi il servizio VNC con una password complessa.

Risk Factor

Critico

CVSS v2.0 Base Score

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

Plugin Information

Published: 2012/08/29, Modified: 2015/09/24

Plugin Output

tcp/5900/vnc

```
Nessus logged in using a password of "password".
```

136769 - ISC BIND Service Downgrade / Reflected DoS

Synopsis

Il server dei nomi remoto è interessato da vulnerabilità di downgrade del servizio/DoS riflesse.

Description

Secondo la sua versione auto-segnalata, l'istanza di ISC BIND 9 in esecuzione sul server dei nomi remoto è interessata dal downgrade delle prestazioni e dalle vulnerabilità DoS riflesse. Ciò è dovuto al fatto che BIND DNS non limita sufficientemente il numero di recuperi che possono essere eseguiti durante l'elaborazione di una risposta di riferimento.
Un utente malintenzionato remoto non autenticato può sfruttarlo per causare il degrado del servizio del server ricorsivo o per utilizzare il server interessato come riflettore in un attacco di riflessione.

See Also

https://kb.isc.org/docs/cve-2020-8616

Solution

Aggiornamento alla versione ISC BIND a cui si fa riferimento nell'avviso del fornitore.

Risk Factor

Medio

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

STIG Severity

I

References

42256 - NFS Shares World Readable

Synopsis

Il server NFS remoto esporta condivisioni leggibili da tutti.

Description

Il server NFS remoto sta esportando una o più condivisioni senza limitare l'accesso (basato su nome host, IP o intervallo IP).

See Also

http://www.tldp.org/HOWTO/NFS-HOWTO/security.html

Solution

Posizionare le restrizioni appropriate su tutte le condivisioni NFS.

Risk Factor

Medio

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 v2.0 Base Score

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

Plugin Information

Published: 2009/10/26, Modified: 2020/05/05

Plugin Output

tcp/2049/rpc-nfs

```
The following shares have no access restrictions :

  / *
```

42873 - SSL Medium Strength Cipher Suites Supported (SWEET32)

Synopsis

Il servizio remoto supporta l'uso di crittografie SSL di livello medio.

Description

L'host remoto supporta l'uso di crittografie SSL che offrono una crittografia di livello medio. Nessus considera la forza media come qualsiasi crittografia che utilizzi lunghezze di chiave di almeno 64 bit e inferiori a 112 bit, oppure che utilizzi la suite di crittografia 3DES.

Si noti che è notevolmente più semplice aggirare la crittografia di media potenza se l'attaccante si trova sulla stessa rete fisica.

See Also

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

https://sweet32.info

Solution

Riconfigurare l'applicazione interessata, se possibile, per evitare l'uso di cifrature di livello medio.

Risk Factor

Medio

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 v2.0 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: 2021/02/03

Plugin Output

tcp/25/smtp

42873 - SSL Medium Strength Cipher Suites Supported (SWEET32)

Synopsis

Il servizio remoto supporta l'uso di crittografie SSL di livello medio.

Description

L'host remoto supporta l'uso di crittografie SSL che offrono una crittografia di livello medio. Nessus considera la forza media come qualsiasi crittografia che utilizzi lunghezze di chiave di almeno 64 bit e inferiori a 112 bit, oppure che utilizzi la suite di crittografia 3DES.

Si noti che è notevolmente più semplice aggirare la crittografia di media potenza se l'attaccante si trova sulla stessa rete fisica.

See Also

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

https://sweet32.info

Solution

Riconfigurare l'applicazione interessata, se possibile, per evitare l'uso di cifrature di livello medio.

Risk Factor

Medio

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 v2.0 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: 2021/02/03

Plugin Output

tcp/5432/postgresql

90509 - Samba Badlock Vulnerability

Synopsis

Un server SMB in esecuzione sull'host remoto è interessato dalla vulnerabilità Badlock.

Description

La versione di Samba, un server CIFS/SMB per Linux e Unix, in esecuzione sull'host remoto è affetta da un difetto, noto come Badlock, presente nel Security Account Manager (SAM) e nella Local Security Authority (Domain Policy) (LSAD) a causa di una negoziazione errata del livello di autenticazione sui canali RPC (Remote Procedure Call). Un attaccante man-in-the-middle in grado di intercettare il traffico tra un client e un server che ospita un database SAM può sfruttare questa falla per forzare un downgrade del livello di autenticazione, che consente l'esecuzione di chiamate di rete Samba arbitrarie nel contesto dell'utente intercettato, come la visualizzazione o la modifica di dati sensibili sulla sicurezza nel database di Active Directory (AD) o la disabilitazione di servizi critici.

See Also

http://badlock.org

https://www.samba.org/samba/security/CVE-2016-2118.html

Solution

Upgrade to Samba version 4.2.11 / 4.3.8 / 4.4.2 or later.

Risk Factor

Medio

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

References

BID	86002

11213 - HTTP TRACE / TRACK Methods Allowed

Synopsis

Le funzioni di debug sono abilitate sul server Web remoto.

Description

Il server Web remoto supporta i metodi TRACE e/o TRACK. TRACE e TRACK sono metodi HTTP utilizzati per eseguire il debug delle connessioni del server Web.

See Also

https://www.cgisecurity.com/whitehat-mirror/WH-WhitePaper_XST_ebook.pdf

http://www.apacheweek.com/issues/03-01-24

https://download.oracle.com/sunalerts/1000718.1.html

Solution

Disattiva questi metodi HTTP. Fare riferimento all'output del plug-in per ulteriori informazioni.

Risk Factor

Medio

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 v3.0 Temporal Score

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

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

References

BID	9506
BID	9561
BID	11604
BID	33374

139915 - ISC BIND 9.x < 9.11.22, 9.12.x < 9.16.6, 9.17.x < 9.17.4 DoS

Synopsis

Il server dei nomi remoto è affetto da una vulnerabilità Denial of Service.

Description

In base al numero di versione auto-riportato, l'installazione di ISC BIND in esecuzione sul server dei nomi remoto è la versione 9.x precedente alla 9.11.22, 9.12.x precedente alla 9.16.6 o 9.17.x precedente alla 9.17.4. Pertanto, è affetto da una vulnerabilità di negazione del servizio (DoS) a causa di un errore di asserzione durante il tentativo di verificare una risposta troncata a una richiesta firmata da TSIG. Un utente malintenzionato remoto autenticato può sfruttare questo problema inviando una risposta troncata a una richiesta firmata TSIG per attivare un errore di asserzione, causando la chiusura del server.

Si noti che Nessus non ha testato questo problema, ma si è invece basato solo sul numero di versione auto-riportato dell'applicazione.

See Also

https://kb.isc.org/docs/cve-2020-8622

Solution

Aggiorna a BIND 9.11.22, 9.16.6, 9.17.4 o successivo.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

STIG Severity

I

136808 - ISC BIND Denial of Service

Synopsis

Il server dei nomi remoto è interessato da una vulnerabilità di errore di asserzione.

Description

Esiste una vulnerabilità Denial of Service (DoS) nelle versioni ISC BIND 9.11.18 / 9.11.18-S1 / 9.12.4-P2 / 9.13 / 9.14.11 / 9.15 / 9.16.2 / 9.17 / 9.17.1 e precedenti. Un utente malintenzionato remoto non autenticato può sfruttare questo problema, tramite un messaggio appositamente predisposto, per impedire al servizio di rispondere.

Si noti che Nessus non ha testato questo problema, ma si è invece basato solo sul numero di versione auto-riportato dell'applicazione.

See Also

https://kb.isc.org/docs/cve-2020-8617

Solution

Aggiorna alla versione con patch più strettamente correlata alla tua attuale versione di BIND.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

5.3 (CVSS:3.0/E:P/RL:O/RC:C)

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

3.4 (CVSS2#E:POC/RL:OF/RC:C)

STIG Severity

I

References

57608 - SMB Signing not required

Synopsis

La firma non è richiesta sul server SMB remoto.

Description

La firma non è richiesta sul server SMB remoto. Un utente malintenzionato remoto non autenticato può sfruttarlo per condurre attacchi man-in-the-middle contro il server SMB.

See Also

http://www.nessus.org/u?df39b8b3

http://technet.microsoft.com/en-us/library/cc731957.aspx

http://www.nessus.org/u?74b80723

https://www.samba.org/samba/docs/current/man-html/smb.conf.5.html

http://www.nessus.org/u?a3cac4ea

Solution

Imponi la firma dei messaggi nella configurazione dell'host. Su Windows, questo si trova nell'impostazione del criterio "Server di rete Microsoft: aggiungi firma digitale alle comunicazioni (sempre)". Su Samba, l'impostazione si chiama "firma del server". Vedere i collegamenti "vedi anche" per ulteriori dettagli.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

Plugin Information

52611 - SMTP Service STARTTLS Plaintext Command Injection

Synopsis

Il servizio di posta remota consente l'inserimento di comandi in chiaro durante la negoziazione di un canale di comunicazione crittografato.

Description

Il servizio SMTP remoto contiene un difetto software nella sua implementazione STARTTLS che potrebbe consentire a un utente malintenzionato remoto e non autenticato di inserire comandi durante la fase del protocollo di testo in chiaro che verranno eseguiti durante la fase del protocollo di testo cifrato.

Uno sfruttamento riuscito potrebbe consentire a un utente malintenzionato di rubare l'e-mail di una vittima o le credenziali SASL (Simple Authentication and Security Layer) associate.

See Also

https://tools.ietf.org/html/rfc2487

https://www.securityfocus.com/archive/1/516901/30/0/threaded

Solution

Contattare il fornitore per vedere se è disponibile un aggiornamento.

Risk Factor

Medium

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

3.1 (CVSS2#E:POC/RL:OF/RC:C)

References

BID	46767
CVE	CVE-2011-0411
CVE	CVE-2011-1430
CVE	CVE-2011-1431
CVE	CVE-2011-1432
CVE	CVE-2011-1506
CVE	CVE-2011-2165
XREF	CERT:555316

90317 - SSH Weak Algorithms Supported

Synopsis

Contatta il fornitore per vedere se è disponibile un aggiornamento.

Description

Nessus ha rilevato che il server SSH remoto è configurato per utilizzare la cifratura a flusso Arcfour o nessuna cifratura. RFC 4253 sconsiglia l'utilizzo di Arcfour a causa di un problema con chiavi deboli.

See Also

https://tools.ietf.org/html/rfc4253#section-6.3

Solution

Contattare il fornitore o consultare la documentazione del prodotto per rimuovere le cifrature deboli.

Risk Factor

Medium

CVSS v2.0 Base Score

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

Plugin Information

Published: 2016/04/04, Modified: 2016/12/14

Plugin Output

tcp/22/ssh

```
The following weak server-to-client encryption algorithms are supported :

  arcfour
  arcfour128
  arcfour256

The following weak client-to-server encryption algorithms are supported :

  arcfour
  arcfour128
  arcfour256
```

31705 - SSL Anonymous Cipher Suites Supported

Synopsis

Il servizio remoto supporta l'uso di cifrari SSL anonimi.

Description

L'host remoto supporta l'uso di cifrari SSL anonimi. Sebbene ciò consenta a un amministratore di configurare un servizio che crittografa il traffico senza dover generare e configurare certificati SSL, non offre alcun modo per verificare l'identità dell'host remoto e rende il servizio vulnerabile a un attacco man-in-the-middle.

Nota: questo è molto più facile da sfruttare se l'attaccante si trova sulla stessa rete fisica.

See Also

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

Solution

Riconfigurare l'applicazione interessata, se possibile, per evitare l'uso di cifrature deboli.

Risk Factor

Low

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

References

BID	28482
CVE	CVE-2007-1858

Plugin Information

51192 - SSL Certificate Cannot Be Trusted

Synopsis

Il certificato SSL per questo servizio non può essere attendibile.

Description

Il certificato X.509 del server non può essere attendibile. Questa situazione può verificarsi in tre modi diversi, in cui la catena della fiducia può essere spezzata, come indicato di seguito:

- Innanzitutto, la parte superiore della catena di certificati inviata dal server potrebbe non discendere da un'autorità di certificazione pubblica nota. Ciò può verificarsi quando la parte superiore della catena è un certificato autofirmato non riconosciuto o quando mancano certificati intermedi che collegherebbero la parte superiore della catena di certificati a un'autorità di certificazione pubblica nota.

- In secondo luogo, la catena di certificati potrebbe contenere un certificato non valido al momento della scansione. Ciò può verificarsi quando la scansione avviene prima di una delle date "notBefore" del certificato o dopo una delle date "notAfter" del certificato.

- In terzo luogo, la catena di certificati potrebbe contenere una firma che non corrispondeva alle informazioni del certificato o che non poteva essere verificata. Le firme errate possono essere corrette facendo firmare nuovamente il certificato con la firma errata dall'emittente. Le firme che non è stato possibile verificare sono il risultato dell'utilizzo da parte dell'emittente del certificato di un algoritmo di firma che Nessus non supporta o non riconosce.

Se l'host remoto è un host pubblico in produzione, qualsiasi interruzione nella catena rende più difficile per gli utenti verificare l'autenticità e l'identità del server web. Ciò potrebbe semplificare l'esecuzione di attacchi man-in-the-middle contro l'host remoto.

See Also

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

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

Solution

Acquista o genera un certificato SSL appropriato per questo servizio.

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 v2.0 Base Score

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

51192 - SSL Certificate Cannot Be Trusted

Synopsis

Il certificato SSL per questo servizio non può essere attendibile.

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- Innanzitutto, la parte superiore della catena di certificati inviata dal server potrebbe non discendere da un'autorità di certificazione pubblica nota. Ciò può verificarsi quando la parte superiore della catena è un certificato autofirmato non riconosciuto o quando mancano certificati intermedi che collegherebbero la parte superiore dellacatena di certificati a un'autorità di certificazione pubblica nota.

- In secondo luogo, la catena di certificati potrebbe contenere un certificato non valido al momento della scansione. Ciò può verificarsi quando la scansione avviene prima di una delle date "notBefore" del certificato o dopo una delle date "notAfter" del certificato.

- In terzo luogo, la catena di certificati potrebbe contenere una firma che non corrispondeva alle informazioni del c ertificato o che non poteva essere verificata. Le firme errate possono essere corrette facendo firmare nuovamente il certificato con la firma errata dall'emittente. Le firme che non è stato possibile verificare sono il risultato dell'utilizzo da parte dell'emittente del certificato di un algoritmo di firma che Nessus non supporta o non riconosce.

Se l'host remoto è un host pubblico in produzione, qualsiasi interruzione nella catena rende più difficile per gli utenti verificare l'autenticità e l'identità del server web. Ciò potrebbe semplificare l'esecuzione di attacchi man-in-the-middle contro l'host remoto.

See Also

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

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

Solution

Acquista o genera un certificato SSL appropriato per questo servizio.

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 v2.0 Base Score

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

15901 - SSL Certificate Expiry

Synopsis

Il certificato SSL del server remoto è già scaduto.

Description

Questo plug-in controlla le date di scadenza dei certificati associati ai servizi abilitati SSL sulla destinazione e segnala se sono già scaduti.

Solution

Acquista o genera un nuovo certificato SSL per sostituire quello esistente.

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 v2.0 Base Score

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

Plugin Information

Published: 2004/12/03, Modified: 2021/02/03

Plugin Output

tcp/25/smtp

```
The SSL certificate has already expired :

  Subject          : C=XX, ST=There is no such thing outside US, L=Everywhere, O=OCOSA,
 OU=Office for Complication of Otherwise Simple Affairs, CN=ubuntu804-base.localdomain,
 emailAddress=root@ubuntu804-base.localdomain
  Issuer           : C=XX, ST=There is no such thing outside US, L=Everywhere, O=OCOSA,
 OU=Office for Complication of Otherwise Simple Affairs, CN=ubuntu804-base.localdomain,
 emailAddress=root@ubuntu804-base.localdomain
  Not valid before : Mar 17 14:07:45 2010 GMT
  Not valid after  : Apr 16 14:07:45 2010 GMT
```

15901 - SSL Certificate Expiry

Synopsis

Il certificato SSL del server remoto è già scaduto.

Description

Questo plug-in controlla le date di scadenza dei certificati associati ai servizi abilitati SSL sulla destinazione e segnala se sono già scaduti.Questo plug-in controlla le date di scadenza dei certificati associati ai servizi abilitati SSL sulla destinazione e segnala se sono già scaduti.

Solution

Acquista o genera un nuovo certificato SSL per sostituire quello esistente.

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 v2.0 Base Score

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

Plugin Information

Published: 2004/12/03, Modified: 2021/02/03

Plugin Output

tcp/5432/postgresql

```
The SSL certificate has already expired :

  Subject          : C=XX, ST=There is no such thing outside US, L=Everywhere, O=OCOSA,
 OU=Office for Complication of Otherwise Simple Affairs, CN=ubuntu804-base.localdomain,
 emailAddress=root@ubuntu804-base.localdomain
  Issuer           : C=XX, ST=There is no such thing outside US, L=Everywhere, O=OCOSA,
 OU=Office for Complication of Otherwise Simple Affairs, CN=ubuntu804-base.localdomain,
 emailAddress=root@ubuntu804-base.localdomain
  Not valid before : Mar 17 14:07:45 2010 GMT
  Not valid after  : Apr 16 14:07:45 2010 GMT
```

45411 - SSL Certificate with Wrong Hostname

Synopsis

Il certificato SSL per questo servizio è per un host diverso.

Description

L'attributo 'commonName' (CN) del certificato SSL presentato per questo servizio è per una macchina diversa.

Solution

Acquista o genera un certificato SSL appropriato per questo servizio.

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 v2.0 Base Score

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

Plugin Information

Published: 2010/04/03, Modified: 2020/04/27

Plugin Output

tcp/25/smtp

```
The identities known by Nessus are :

  192.168.32.102
  192.168.32.102

The Common Name in the certificate is :

  ubuntu804-base.localdomain
```

45411 - SSL Certificate with Wrong Hostname

Synopsis

The SSL certificate for this service is for a different host.

Description

L'attributo 'commonName' (CN) del certificato SSL presentato per questo servizio è per una macchina diversa.

Solution

Acquista o genera un certificato SSL appropriato per questo servizio.

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 v2.0 Base Score

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

Plugin Information

Published: 2010/04/03, Modified: 2020/04/27

Plugin Output

tcp/5432/postgresql

```
The identities known by Nessus are :

  192.168.32.102
  192.168.32.102

The Common Name in the certificate is :

  ubuntu804-base.localdomain
```

89058 - SSL DROWN Attack Vulnerability (Decrypting RSA with Obsolete and Weakened eNcryption)

Synopsis

L'host remoto potrebbe essere interessato da una vulnerabilità che consente a un utente malintenzionato remoto di decrittografare potenzialmente il traffico TLS acquisito.

Description

L'host remoto supporta SSLv2 e pertanto può essere interessato da una vulnerabilità che consente un attacco Oracle di riempimento Bleichenbacher cross-protocol noto come DROWN (Decrypting RSA with Obsolete and Weakened eNcryption). Questa vulnerabilità esiste a causa di un difetto nell'implementazione di Secure Sockets Layer Version 2 (SSLv2) e consente la decrittografia del traffico TLS acquisito. Un utente malintenzionato man-in-the-middle può sfruttarlo per decrittografare la connessione TLS utilizzando traffico acquisito in precedenza e crittografia debole insieme a una serie di connessioni appositamente predisposte a un server SSLv2 che utilizza la stessa chiave privata.

See Also

https://drownattack.com/

https://drownattack.com/drown-attack-paper.pdf

Solution

Disabilita SSLv2 ed esporta suite di crittografia di livello di crittografia. Assicurati che le chiavi private non vengano utilizzate da nessuna parte con il software server che supporta le connessioni SSLv2.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

References

65821 - SSL RC4 Cipher Suites Supported (Bar Mitzvah)

Synopsis

Il servizio remoto supporta l'uso della cifratura RC4.

Description

L'host remoto supporta l'uso di RC4 in una o più suite di cifratura.

Il cifrario RC4 è imperfetto nella sua generazione di un flusso di byte pseudo-casuale in modo che un'ampia varietà di piccoli pregiudizi venga introdotta nel flusso, diminuendo la sua casualità.

Se il testo in chiaro viene crittografato ripetutamente (ad esempio, i cookie HTTP) e un utente malintenzionato è in grado di ottenere molti (cioè decine di milioni) di testi cifrati, l'attaccante potrebbe essere in grado di derivare il testo in chiaro.

See Also

https://www.rc4nomore.com/

http://www.nessus.org/u?ac7327a0

http://cr.yp.to/talks/2013.03.12/slides.pdf

http://www.isg.rhul.ac.uk/tls/

https://www.imperva.com/docs/HII_Attacking_SSL_when_using_RC4.pdf

Solution

Riconfigurare l'applicazione interessata, se possibile, per evitare l'uso di crittografie RC4. Prendere in considerazione l'utilizzo di TLS 1.2 con AES-GCM suite soggette al supporto di browser e server web.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

5.4 (CVSS:3.0/E:U/RL:X/RC:C)

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

57582 - SSL Self-Signed Certificate

Synopsis

La catena di certificati SSL per questo servizio termina con un certificato autofirmato non riconosciuto.

Description

La catena di certificati X.509 per questo servizio non è firmata da un'autorità di certificazione riconosciuta. Se l'host remoto è un host pubblico in produzione, ciò annulla l'uso di SSL poiché chiunque potrebbe stabilire un attacco man-in-the-middle contro l'host remoto.

Solution

Acquista o genera un certificato SSL appropriato per questo servizio.

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 v2.0 Base Score

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

Plugin Information

Published: 2012/01/17, Modified: 2022/06/14

Plugin Output

tcp/25/smtp

```
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 : C=XX/ST=There is no such thing outside US/L=Everywhere/O=OCOSA/OU=Office for
 Complication of Otherwise Simple Affairs/CN=ubuntu804-base.localdomain/E=root@ubuntu804-
base.localdomain
```

26928 - SSL Weak Cipher Suites Supported

Synopsis

Il servizio remoto supporta l'uso di cifrari SSL deboli.

Description

L'host remoto supporta l'uso di cifrari SSL che offrono una crittografia debole.

Nota: questo è molto più facile da sfruttare se l'attaccante si trova sulla stessa rete fisica.

See Also

http://www.nessus.org/u?6527892d

Solution

Riconfigurare l'applicazione interessata, se possibile per evitare l'uso di cifrari deboli.

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 v2.0 Base Score

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

References

XREF	CWE:326
XREF	CWE:327
XREF	CWE:720
XREF	CWE:753
XREF	CWE:803
XREF	CWE:928
XREF	CWE:934

Plugin Information

Published: 2007/10/08, Modified: 2021/02/03

Plugin Output

81606 - SSL/TLS EXPORT_RSA <= 512-bit Cipher Suites Supported (FREAK)

Synopsis

L'host remoto supporta una serie di cifrari deboli.

Description

L'host remoto supporta le suite di cifratura EXPORT_RSA con chiavi inferiori o uguali a 512 bit. Un utente malintenzionato può fattorizzare un modulo RSA a 512 bit in un breve lasso di tempo.

Un utente malintenzionato man-in-the-middle potrebbe essere in grado di eseguire il downgrade della sessione per utilizzare le suite di crittografia EXPORT_RSA

See Also

https://www.smacktls.com/#freak

https://www.openssl.org/news/secadv/20150108.txt

http://www.nessus.org/u?b78da2c4

Solution

Riconfigurare il servizio per rimuovere il supporto per le suite di cifratura EXPORT_RSA.

Risk Factor

Medium

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

References

BID	71936
CVE	CVE-2015-0204
XREF	CERT:243585

Plugin Information

Published: 2015/03/04, Modified: 2021/02/03

Plugin Output

78479 - SSLv3 Padding Oracle On Downgraded Legacy Encryption Vulnerability (POODLE)

Synopsis

È possibile ottenere informazioni riservate dall'host remoto con servizi abilitati per SSL/TLS.

Description

L'host remoto è affetto da una vulnerabilità di divulgazione di informazioni man-in-the-middle (MitM) nota come POODLE. La vulnerabilità è dovuta al modo in cui SSL 3.0 gestisce i byte di riempimento durante la decrittografia dei messaggi crittografati utilizzando cifrari a blocchi in modalità Cipher Block Chaining (CBC).

Gli aggressori MitM possono decrittografare un byte selezionato di un testo cifrato in appena 256 tentativi se sono in grado di forzare un'applicazione vittima a inviare ripetutamente gli stessi dati su connessioni SSL 3.0 appena create.

Finché un client e un servizio supportano entrambi SSLv3, è possibile eseguire il "rollback" di una connessione a SSLv3, anche se TLSv1 o più recente è supportato dal client e dal servizio.

Il meccanismo TLS Fallback SCSV impedisce gli attacchi di "rollback della versione" senza influire sui client legacy; tuttavia, può proteggere le connessioni solo quando il client e il servizio supportano il meccanismo. I siti che non possono disabilitare SSLv3 immediatamente dovrebbero abilitare questo meccanismo.

Questa è una vulnerabilità nella specifica SSLv3, non in una particolare implementazione SSL. La disabilitazione di SSLv3 è l'unico modo per mitigare completamente la vulnerabilità.

See Also

https://www.imperialviolet.org/2014/10/14/poodle.html

https://www.openssl.org/~bodo/ssl-poodle.pdf

https://tools.ietf.org/html/draft-ietf-tls-downgrade-scsv-00

Solution

Disabilita SSLv3.

I servizi che devono supportare SSLv3 devono abilitare il meccanismo SCSV di fallback TLS fino a quando SSLv3 può essere disabilitato.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

104743 - TLS Version 1.0 Protocol Detection

Synopsis

Il servizio remoto crittografa il traffico utilizzando una versione precedente di TLS.

Description

Il servizio remoto accetta connessioni crittografate tramite TLS 1.0. TLS 1.0 presenta una serie di difetti di progettazione crittografica. Le moderne implementazioni di TLS 1.0 mitigano questi problemi, ma le versioni più recenti di TLS come 1.2 e 1.3 sono progettate contro questi difetti e dovrebbero essere utilizzate quando possibile.

A partire dal 31 marzo 2020, gli endpoint non abilitati per TLS 1.2 e versioni successive non funzioneranno più correttamente con i principali browser Web e i principali fornitori.

PCI DSS v3.2 richiede che TLS 1.0 sia disabilitato completamente entro il 30 giugno 2018, ad eccezione dei terminali POS POI (e dei punti di terminazione SSL/TLS a cui si connettono) che possono essere verificati come non soggetti a exploit noti.

See Also

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

Solution

Abilita il supporto per TLS 1.2 e 1.3 e disabilita il supporto per 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 v2.0 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/25/smtp

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

70658 - SSH Server CBC Mode Ciphers Enabled

Synopsis

Il server SSH è configurato per utilizzare Cipher Block Chaining.

Description

Il server SSH è configurato per supportare la crittografia Cipher Block Chaining (CBC). Ciò può consentire a un utente malintenzionato di recuperare il messaggio in chiaro dal testo cifrato.

Si noti che questo plug-in controlla solo le opzioni del server SSH e non controlla le versioni software vulnerabili.

Solution

Contattare il fornitore o consultare la documentazione del prodotto per disabilitare la crittografia in modalità di crittografia CBC e abilitare la crittografia in modalità di crittografia CTR o GCM.

Risk Factor

Low

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

References

BID	32319
CVE	CVE-2008-5161
XREF	CERT:958563
XREF	CWE:200

Plugin Information

Published: 2013/10/28, Modified: 2018/07/30

Plugin Output

tcp/22/ssh

```
The following client-to-server Cipher Block Chaining (CBC) algorithms
are supported :
```

153953 - SSH Weak Key Exchange Algorithms Enabled

Synopsis

Il server SSH remoto è configurato per consentire algoritmi di scambio di chiavi deboli.

Description

Il server SSH remoto è configurato per consentire algoritmi di scambio di chiavi considerati deboli.

Questo si basa sulla bozza del documento IETF Key Exchange (KEX) Method Updates and Recommendations for Secure Shell (SSH) draft-ietf-curdle-ssh-kex-sha2-20. La sezione 4 elenca le linee guida sugli algoritmi di scambio di chiavi che NON DOVREBBERO e NON DEVONO essere abilitati. Ciò comprende:

diffie-hellman-group-exchange-sha1

diffie-hellman-group1-sha1

gss-gex-sha1-*

gss-group1-sha1-*

gss-group14-sha1-*

rsa1024-sha1

Si noti che questo plug-in verifica solo le opzioni del server SSH e non controlla le versioni software vulnerabili.

See Also

http://www.nessus.org/u?b02d91cd

https://datatracker.ietf.org/doc/html/rfc8732

Solution

Contattare il fornitore o consultare la documentazione del prodotto per disabilitare gli algoritmi deboli.

Risk Factor

Low

CVSS v3.0 Base Score

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

CVSS v2.0 Base Score

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

Plugin Information

71049 - SSH Weak MAC Algorithms Enabled

Synopsis

Il server SSH remoto è configurato per consentire gli algoritmi MD5 e MAC a 96 bit.

Description

Il server SSH remoto è configurato per consentire gli algoritmi MD5 o MAC a 96 bit, entrambi considerati deboli.

Si noti che questo plug-in verifica solo le opzioni del server SSH e non controlla le versioni software vulnerabili.

Solution

Contattare il fornitore o consultare la documentazione del prodotto per disabilitare gli algoritmi MD5 e MAC a 96 bit.

Risk Factor

Low

CVSS v2.0 Base Score

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

Plugin Information

Published: 2013/11/22, Modified: 2016/12/14

Plugin Output

tcp/22/ssh

```
The following client-to-server Message Authentication Code (MAC) algorithms
are supported :

  hmac-md5
  hmac-md5-96
  hmac-sha1-96

The following server-to-client Message Authentication Code (MAC) algorithms
are supported :

  hmac-md5
  hmac-md5-96
  hmac-sha1-96
```

83738 - SSL/TLS EXPORT_DHE <= 512-bit Export Cipher Suites Supported (Logjam)

Synopsis

L'host remoto supporta una serie di cifrari
deboli.

Description

L'host remoto supporta le suite di cifratura EXPORT_DHE con chiavi inferiori o uguali a 512 bit. Attraverso la crittoanalisi, una terza parte può trovare il segreto condiviso in un breve lasso di tempo.

Un utente malintenzionato man-in-the-middle potrebbe essere in grado di eseguire il downgrade della sessione per utilizzare le suite di crittografia EXPORT_DHE. Pertanto, si consiglia di rimuovere il supporto per le suite di cifratura deboli.

See Also

https://weakdh.org/

Solution

Riconfigurare il servizio per rimuovere il supporto per le suite di cifratura EXPORT_DHE.

Risk Factor

Low

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

2.2 (CVSS2#E:U/RL:ND/RC:C)

References

BID	74733
CVE	CVE-2015-4000

Plugin Information

10407 - X Server Detection

Synopsis

Un server X11 è in ascolto sull'host remoto

Description

L'host remoto esegue un server X11. X11 è un protocollo client-server che può essere utilizzato per visualizzare applicazioni grafiche in esecuzione su un determinato host su un client remoto.

Poiché il traffico X11 non è cifrato, è possibile che un utente malintenzionato intercetti la connessione.

Solution

Limita l'accesso a questa porta. Se la funzionalità client/server X11 non viene utilizzata, disabilitare completamente il supporto TCP in X11 (-nolisten tcp).

Risk Factor

Low

CVSS v2.0 Base Score

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

Plugin Information

Published: 2000/05/12, Modified: 2019/03/05

Plugin Output

tcp/6000/x11

```
X11 Version : 11.0
```

18261 - Apache Banner Linux Distribution Disclosure

Synopsis

The name of the Linux distribution running on the remote host was found in the banner of the web server.

Description

Nessus was able to extract the banner of the Apache web server and determine which Linux distribution the remote host is running.

Solution

If you do not wish to display this information, edit 'httpd.conf' and set the directive 'ServerTokens Prod' and restart Apache.

Risk Factor

None

Plugin Information

Published: 2005/05/15, Modified: 2022/03/21

Plugin Output

tcp/0

```
The Linux distribution detected was :
 - Ubuntu 8.04 (gutsy)
```

48204 - Apache HTTP Server Version

Synopsis

It is possible to obtain the version number of the remote Apache HTTP server.

Description

The remote host is running the Apache HTTP Server, an open source web server. It was possible to read the version number from the banner.

See Also

https://httpd.apache.org/

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0530

Plugin Information

Published: 2010/07/30, Modified: 2022/09/08

Plugin Output

tcp/80/www

```
URL        : http://192.168.32.102/
Version    : 2.2.99
Source     : Server: Apache/2.2.8 (Ubuntu) DAV/2
backported : 1
modules    : DAV/2
os         : ConvertedUbuntu
```

84574 - Backported Security Patch Detection (PHP)

Synopsis

Security patches have been backported.

Description

Security patches may have been 'backported' to the remote PHP install without changing its version number.

Banner-based checks have been disabled to avoid false positives.

Note that this test is informational only and does not denote any security problem.

See Also

https://access.redhat.com/security/updates/backporting/?sc_cid=3093

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2015/07/07, Modified: 2022/04/11

Plugin Output

tcp/80/www

```
Give Nessus credentials to perform local checks.
```

39520 - Backported Security Patch Detection (SSH)

Synopsis

Security patches are backported.

Description

Security patches may have been 'backported' to the remote SSH server without changing its version number.

Banner-based checks have been disabled to avoid false positives.

Note that this test is informational only and does not denote any security problem.

See Also

https://access.redhat.com/security/updates/backporting/?sc_cid=3093

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/06/25, Modified: 2015/07/07

Plugin Output

tcp/22/ssh

```
Give Nessus credentials to perform local checks.
```

39521 - Backported Security Patch Detection (WWW)

Synopsis

Security patches are backported.

Description

Security patches may have been 'backported' to the remote HTTP server without changing its version number.

Banner-based checks have been disabled to avoid false positives.

Note that this test is informational only and does not denote any security problem.

See Also

https://access.redhat.com/security/updates/backporting/?sc_cid=3093

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/06/25, Modified: 2015/07/07

Plugin Output

tcp/80/www

```
Give Nessus credentials to perform local checks.
```

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: 2022/11/15

Plugin Output

tcp/0

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

  cpe:/o:canonical:ubuntu_linux:8.04 -> Canonical Ubuntu Linux

Following application CPE's matched on the remote system :

  cpe:/a:apache:http_server:2.2.8 -> Apache Software Foundation Apache HTTP Server
  cpe:/a:apache:http_server:2.2.99 -> Apache Software Foundation Apache HTTP Server
  cpe:/a:isc:bind:9.4. -> ISC BIND
  cpe:/a:isc:bind:9.4.2 -> ISC BIND
  cpe:/a:openbsd:openssh:4.7 -> OpenBSD OpenSSH
  cpe:/a:php:php:5.2.4 -> PHP PHP
  cpe:/a:php:php:5.2.4-2ubuntu5.10 -> PHP PHP
  cpe:/a:postgresql:postgresql -> PostgreSQL
  cpe:/a:samba:samba:3.0.20 -> Samba Samba
```

10028 - DNS Server BIND version Directive Remote Version Detection

Synopsis

It is possible to obtain the version number of the remote DNS server.

Description

The remote host is running BIND or another DNS server that reports its version number when it receives a special request for the text 'version.bind' in the domain 'chaos'.

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

Solution

It is possible to hide the version number of BIND by using the 'version' directive in the 'options' section in named.conf.

Risk Factor

None

References

XREF IAVT:0001-T-0583

Plugin Information

Published: 1999/10/12, Modified: 2022/10/12

Plugin Output

udp/53/dns

```
Version : 9.4.2
```

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

References

XREF IAVT:0001-T-0937

Plugin Information

Published: 2014/03/03, Modified: 2020/09/22

Plugin Output

tcp/53/dns

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

  9.4.2
```

35371 - DNS Server hostname.bind Map Hostname Disclosure

Synopsis

The DNS server discloses the remote host name.

Description

It is possible to learn the remote host name by querying the remote DNS server for 'hostname.bind' in the CHAOS domain.

Solution

It may be possible to disable this feature. Consult the vendor's documentation for more information.

Risk Factor

None

Plugin Information

Published: 2009/01/15, Modified: 2011/09/14

Plugin Output

udp/53/dns

```
The remote host name is :

metasploitable
```

132634 - Deprecated SSLv2 Connection Attempts

Synopsis

Secure Connections, using a deprecated protocol were attempted as part of the scan

Description

This plugin enumerates and reports any SSLv2 connections which were attempted as part of a scan. This protocol has been deemed prohibited since 2011 because of security vulnerabilities and most major ssl libraries such as openssl, nss, mbed and wolfssl do not provide this functionality in their latest versions. This protocol has been deprecated in Nessus 8.9 and later.

Solution

N/A

Risk Factor

None

Plugin Information

Published: 2020/01/06, Modified: 2020/01/06

Plugin Output

tcp/0

```
Nessus attempted the following SSLv2 connection(s) as part of this scan:

Plugin ID: 14819
Timestamp: 2022-11-24 11:32:09
Port: 25
```

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: 2022/09/09

Plugin Output

tcp/0

```
Remote device type : general-purpose
Confidence level : 95
```

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: 2020/05/13

Plugin Output

tcp/0

```
The following card manufacturers were identified :

08:00:27:E2:A5:64 : PCS Systemtechnik GmbH
```

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:
  - 08:00:27:E2:A5:64
```

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/ftp

```
The remote FTP banner is :

220 (vsFTPd 2.3.4)
```

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

References

XREF IAVT:0001-T-0931

Plugin Information

Published: 2000/01/04, Modified: 2020/10/30

Plugin Output

tcp/80/www

```
The remote web server type is :

Apache/2.2.8 (Ubuntu) DAV/2
```

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/www

```
Response Code : HTTP/1.1 200 OK

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

  Date: Thu, 24 Nov 2022 11:29:34 GMT
  Server: Apache/2.2.8 (Ubuntu) DAV/2
  X-Powered-By: PHP/5.2.4-2ubuntu5.10
  Keep-Alive: timeout=15, max=100
  Connection: Keep-Alive
  Transfer-Encoding: chunked
  Content-Type: text/html

Response Body :

<html><head><title>Metasploitable2 - Linux</title></head><body>
<pre>


                _                  _       _ _                 _       _     _____
 _ __ ___   ___| |_ __ _ ___ _ __ | | ___ (_) |_ __ _| |__ | | ___|___ \
| '_ ` _ \ / _ \ __/ _` / __| '_ \| |/ _ \| | __/ _` | '_ \| |/ _ \ __) |
| | | | | |  __/ || (_| \__ \ |_) | | (_) | | || (_| | |_) | |  __// __/
|_| |_| |_|\___|\__\__,_|___/ .__/|_|\___/|_|\__\__,_|_.__/|_|\___|_____|
                            |_|
```

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 v2.0 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 difference between the local and remote clocks is 1 second.
```

11156 - IRC Daemon Version Detection

Synopsis

The remote host is an IRC server.

Description

This plugin determines the version of the IRC daemon.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/11/19, Modified: 2016/01/08

Plugin Output

tcp/6667/irc

```
The IRC server version is : Unreal3.2.8.1. FhiXOoE [*=2309]
```

10397 - Microsoft Windows SMB LanMan Pipe Server Listing Disclosure

Synopsis

It is possible to obtain network information.

Description

It was possible to obtain the browse list of the remote Windows system by sending a request to the LANMAN pipe. The browse list is the list of the nearest Windows systems of the remote host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2000/05/09, Modified: 2022/02/01

Plugin Output

tcp/445/cifs

```
Here is the browse list of the remote host :

METASPLOITABLE ( os : 0.0 )
```

10785 - Microsoft Windows SMB NativeLanManager Remote System Information Disclosur

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 SMB to be enabled on the host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/10/17, Modified: 2021/09/20

Plugin Output

tcp/445/cifs

```
The remote Operating System is : Unix
The remote native LAN manager is : Samba 3.0.20-Debian
The remote SMB Domain Name is : METASPLOITABLE
```

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: 2021/02/11

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: 2021/02/11

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 :
  SMBv1
```

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 does NOT support the following SMB dialects :
_version_  _introduced in windows version_
2.0.2      Windows 2008
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
```

10437 - NFS Share Export List

Synopsis

The remote NFS server exports a list of shares.

Description

This plugin retrieves the list of NFS exported shares.

See Also

http://www.tldp.org/HOWTO/NFS-HOWTO/security.html

Solution

Ensure each share is intended to be exported.

Risk Factor

None

Plugin Information

Published: 2000/06/07, Modified: 2019/10/04

Plugin Output

tcp/2049/rpc-nfs

```
Here is the export list of 192.168.32.102 :
  / *
```

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: 2022/08/15

Plugin Output

tcp/21/ftp

```
Port 21/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: 2022/08/15

Plugin Output

tcp/22/ssh

```
Port 22/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: 2022/08/15

Plugin Output

tcp/23/telnet

```
Port 23/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: 2022/08/15

Plugin Output

tcp/25/smtp

```
Port 25/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: 2022/08/15

Plugin Output

tcp/53/dns

```
Port 53/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: 2022/08/15

Plugin Output

tcp/80/www

```
Port 80/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: 2022/08/15

Plugin Output

tcp/111/rpc-portmapper

```
Port 111/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: 2022/08/15

Plugin Output

tcp/139/smb

```
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: 2022/08/15

Plugin Output

tcp/445/cifs

```
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: 2022/08/15

Plugin Output

tcp/512

```
Port 512/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: 2022/08/15

Plugin Output

tcp/513

```
Port 513/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: 2022/08/15

Plugin Output

tcp/514

```
Port 514/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: 2022/08/15

Plugin Output

tcp/1099/rmi_registry

```
Port 1099/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: 2022/08/15

Plugin Output

tcp/1524/wild_shell

```
Port 1524/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: 2022/08/15

Plugin Output

tcp/2049/rpc-nfs

```
Port 2049/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: 2022/08/15

Plugin Output

tcp/2121

```
Port 2121/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: 2022/08/15

Plugin Output

tcp/3306/mysql

```
Port 3306/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: 2022/08/15

Plugin Output

tcp/3632

```
Port 3632/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: 2022/08/15

Plugin Output

tcp/5432/postgresql

```
Port 5432/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: 2022/08/15

Plugin Output

tcp/5900/vnc

```
Port 5900/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: 2022/08/15

Plugin Output

tcp/6000/x11

```
Port 6000/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: 2022/08/15

Plugin Output

tcp/6667/irc

```
Port 6667/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: 2022/08/15

Plugin Output

tcp/8009

```
Port 8009/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: 2022/08/15

Plugin Output

tcp/8180

```
Port 8180/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: 2022/08/15

Plugin Output

tcp/8787

```
Port 8787/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.
- The ping round trip time
- Whether credentialed or third-party patch management checks are possible.
- Whether the display of superseded patches is enabled
- 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: 2022/06/09

Plugin Output

tcp/0

```
Information about this scan :

Nessus version : 10.4.1
Nessus build : 20091
Plugin feed version : 202211240543
Scanner edition used : Nessus Home
Scanner OS : LINUX
Scanner distribution : debian9-x86-64
Scan type : Normal
Scan name : Metasploitable
```

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: 2022/03/09

Plugin Output

tcp/0

```
Remote operating system : Linux Kernel 2.6 on Ubuntu 8.04 (gutsy)
Confidence level : 95
Method : HTTP

Not all fingerprints could give a match. If you think some or all of
the following could be used to identify the host's operating system,
please email them to os-signatures@nessus.org. Be sure to include a
brief description of the host itself, such as the actual operating
system or product / model names.

SSH:SSH-2.0-OpenSSH_4.7p1 Debian-8ubuntu1
SinFP:
   P1:B10113:F0x12:W5840:O0204ffff:M1460:
   P2:B10113:F0x12:W5792:O0204ffff0402080affffffff4445414401030306:M1460:
   P3:B00000:F0x00:W0:O0:M0
   P4:190400_7_p=2121
SMTP:!:220 metasploitable.localdomain ESMTP Postfix (Ubuntu)
SSLcert:!:i/CN:ubuntu804-base.localdomaini/O:OCOSAi/OU:Office for Complication of Otherwise Simple
 Affairss/CN:ubuntu804-base.localdomains/O:OCOSAs/OU:Office for Complication of Otherwise Simple
 Affairs
ed093088706603bfd5dc237399b498da2d4d31c6
i/CN:ubuntu804-base.localdomaini/O:OCOSAi/OU:Office for Complication of Otherwise Simple Affairss/
CN:ubuntu804-base.localdomains/O:OCOSAs/OU:Office for Complication of Otherwise Simple Affairs
ed093088706603bfd5dc237399b498da2d4d31c6
```

10919 - Open Port Re-check

Synopsis

Previously open ports are now closed.

Description

One of several ports that were previously open are now closed or unresponsive.

There are several possible reasons for this :

- The scan may have caused a service to freeze or stop running.

- An administrator may have stopped a particular service during the scanning process.

This might be an availability problem related to the following :

- A network outage has been experienced during the scan, and the remote network cannot be reached anymore by the scanner.

- This scanner may has been blacklisted by the system administrator or by an automatic intrusion detection / prevention system that detected the scan.

- The remote host is now down, either because a user turned it off during the scan or because a select denial of service was effective.

In any case, the audit of the remote host might be incomplete and may need to be done again.

Solution

- Increase checks_read_timeout and/or reduce max_checks.

- Disable any IPS during the Nessus scan

Risk Factor

None

References

XREF IAVB:0001-B-0509

Plugin Information

Published: 2002/03/19, Modified: 2021/07/23

Plugin Output

tcp/0

```
Port 5432 was detected as being open but is now closed
```

50845 - OpenSSL Detection

Synopsis

The remote service appears to use OpenSSL to encrypt traffic.

Description

Based on its response to a TLS request with a specially crafted server name extension, it seems that the remote service is using the OpenSSL library to encrypt traffic.

Note that this plugin can only detect OpenSSL implementations that have enabled support for TLS extensions (RFC 4366).

See Also

https://www.openssl.org/

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2010/11/30, Modified: 2020/06/12

Plugin Output

tcp/25/smtp

50845 - OpenSSL Detection

Synopsis

The remote service appears to use OpenSSL to encrypt traffic.

Description

Based on its response to a TLS request with a specially crafted server name extension, it seems that the remote service is using the OpenSSL library to encrypt traffic.

Note that this plugin can only detect OpenSSL implementations that have enabled support for TLS extensions (RFC 4366).

See Also

https://www.openssl.org/

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2010/11/30, Modified: 2020/06/12

Plugin Output

tcp/5432/postgresql

48243 - PHP Version Detection

Synopsis

It was possible to obtain the version number of the remote PHP installation.

Description

Nessus was able to determine the version of PHP available on the remote web server.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0936

Plugin Information

Published: 2010/08/04, Modified: 2022/10/12

Plugin Output

tcp/80/www

```
Nessus was able to identify the following PHP version information :

  Version : 5.2.4-2ubuntu5.10
  Source  : X-Powered-By: PHP/5.2.4-2ubuntu5.10
```

66334 - Patch Report

Synopsis

The remote host is missing several patches.

Description

The remote host is missing one or more security patches. This plugin lists the newest version of each patch to install to make sure the remote host is up-to-date.

Note: Because the 'Show missing patches that have been superseded' setting in your scan policy depends on this plugin, it will always run and cannot be disabled.

Solution

Install the patches listed below.

Risk Factor

None

Plugin Information

Published: 2013/07/08, Modified: 2022/11/08

Plugin Output

tcp/0

```
. You need to take the following 2 actions :

[ ISC BIND 9.x < 9.11.22, 9.12.x < 9.16.6, 9.17.x < 9.17.4 DoS (139915) ]

+ Action to take : Upgrade to BIND 9.11.22, 9.16.6, 9.17.4 or later.

+Impact : Taking this action will resolve 3 different vulnerabilities (CVEs).


[ Samba Badlock Vulnerability (90509) ]

+ Action to take : Upgrade to Samba version 4.2.11 / 4.3.8 / 4.4.2 or later.
```

118224 - PostgreSQL STARTTLS Support

Synopsis

The remote service supports encrypting traffic.

Description

The remote PostgreSQL server supports the use of encryption initiated during pre-login to switch from a cleartext to an encrypted communications channel.

See Also

https://www.postgresql.org/docs/9.2/protocol-flow.html#AEN96066

https://www.postgresql.org/docs/9.2/protocol-message-formats.html

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2018/10/19, Modified: 2022/04/11

Plugin Output

tcp/5432/postgresql

```
Here is the PostgreSQL's SSL certificate that Nessus
was able to collect after sending a pre-login packet :

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

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Issuer Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
```

26024 - PostgreSQL Server Detection

Synopsis

A database service is listening on the remote host.

Description

The remote service is a PostgreSQL database server, or a derivative such as EnterpriseDB.

See Also

https://www.postgresql.org/

Solution

Limit incoming traffic to this port if desired.

Risk Factor

None

Plugin Information

Published: 2007/09/14, Modified: 2022/06/01

Plugin Output

tcp/5432/postgresql

22227 - RMI Registry Detection

Synopsis

An RMI registry is listening on the remote host.

Description

The remote host is running an RMI registry, which acts as a bootstrap naming service for registering and retrieving remote objects with simple names in the Java Remote Method Invocation (RMI) system.

See Also

https://docs.oracle.com/javase/1.5.0/docs/guide/rmi/spec/rmiTOC.html

http://www.nessus.org/u?b6fd7659

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/08/16, Modified: 2022/06/01

Plugin Output

tcp/1099/rmi_registry
tcp/1099/rmi_registry

```
Valid response recieved for port 1099:
0x00:  51 AC ED 00 05 77 0F 01 25 4E B5 17 00 00 01 84    Q....w..%N......
0x10:  A9 64 1B 99 80 00 75 72 00 13 5B 4C 6A 61 76 61    .d....ur..[Ljava
0x20:  2E 6C 61 6E 67 2E 53 74 72 69 6E 67 3B AD D2 56    .lang.String;..V
0x30:  E7 E9 1D 7B 47 02 00 00 70 78 70 00 00 00 00       ...{G...pxp....
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC 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.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/111/rpc-portmapper

```
The following RPC services are available on TCP port 111 :

 - program: 100000 (portmapper), version: 2
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC 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.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/111/rpc-portmapper

```
The following RPC services are available on UDP port 111 :

 - program: 100000 (portmapper), version: 2
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC 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.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/2049/rpc-nfs

```
The following RPC services are available on TCP port 2049 :

 - program: 100003 (nfs), version: 2
 - program: 100003 (nfs), version: 3
 - program: 100003 (nfs), version: 4
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC 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.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/2049/rpc-nfs

```
The following RPC services are available on UDP port 2049 :

 - program: 100003 (nfs), version: 2
 - program: 100003 (nfs), version: 3
 - program: 100003 (nfs), version: 4
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC 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.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/41308/rpc-mountd

```
The following RPC services are available on UDP port 41308 :

 - program: 100005 (mountd), version: 1
 - program: 100005 (mountd), version: 2
 - program: 100005 (mountd), version: 3
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC 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.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/42757/rpc-status

```
The following RPC services are available on TCP port 42757 :

 - program: 100024 (status), version: 1
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC 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.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/43980/rpc-nlockmgr

```
The following RPC services are available on UDP port 43980 :

 - program: 100021 (nlockmgr), version: 1
 - program: 100021 (nlockmgr), version: 3
 - program: 100021 (nlockmgr), version: 4
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC 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.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/52793/rpc-mountd

```
The following RPC services are available on TCP port 52793 :

 - program: 100005 (mountd), version: 1
 - program: 100005 (mountd), version: 2
 - program: 100005 (mountd), version: 3
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC 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.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/54061/rpc-nlockmgr

```
The following RPC services are available on TCP port 54061 :

 - program: 100021 (nlockmgr), version: 1
 - program: 100021 (nlockmgr), version: 3
 - program: 100021 (nlockmgr), version: 4
```

11111 - RPC Services Enumeration

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC 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.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/60350/rpc-status

```
The following RPC services are available on UDP port 60350 :

 - program: 100024 (status), version: 1
```

53335 - RPC portmapper (TCP)

Synopsis

An ONC RPC portmapper is running on the remote host.

Description

The RPC portmapper is running on this port.

The portmapper allows someone to get the port number of each RPC service running on the remote host by sending either multiple lookup requests or a DUMP request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/04/08, Modified: 2011/08/29

Plugin Output

tcp/111/rpc-portmapper

10223 - RPC portmapper Service Detection

Synopsis

An ONC RPC portmapper is running on the remote host.

Description

The RPC portmapper is running on this port.

The portmapper allows someone to get the port number of each RPC service running on the remote host by sending either multiple lookup requests or a DUMP request.

Solution

n/a

Risk Factor

None

CVSS v3.0 Base Score

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

CVSS v2.0 Base Score

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

References

CVE	CVE-1999-0632

Plugin Information

Published: 1999/08/19, Modified: 2019/10/04

Plugin Output

udp/111/rpc-portmapper

10263 - SMTP Server Detection

Synopsis

An SMTP server is listening on the remote port.

Description

The remote host is running a mail (SMTP) server on this port.

Since SMTP servers are the targets of spammers, it is recommended you disable it if you do not use it.

Solution

Disable this service if you do not use it, or filter incoming traffic to this port.

Risk Factor

None

References

XREF IAVT:0001-T-0932

Plugin Information

Published: 1999/10/12, Modified: 2020/09/22

Plugin Output

tcp/25/smtp

```
Remote SMTP server banner :

220 metasploitable.localdomain ESMTP Postfix (Ubuntu)
```

42088 - SMTP Service STARTTLS Command Support

Synopsis

The remote mail service supports encrypting traffic.

Description

The remote SMTP service supports the use of the 'STARTTLS' command to switch from a cleartext to an encrypted communications channel.

See Also

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

https://tools.ietf.org/html/rfc2487

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/10/09, Modified: 2019/03/20

Plugin Output

tcp/25/smtp

```
Here is the SMTP service's SSL certificate that Nessus was able to
collect after sending a 'STARTTLS' command :

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

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Issuer Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
```

70657 - SSH Algorithms and Languages Supported

Synopsis

An SSH server is listening on this port.

Description

This script detects which algorithms and languages are supported by the remote service for encrypting communications.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/10/28, Modified: 2017/08/28

Plugin Output

tcp/22/ssh

```
Nessus negotiated the following encryption algorithm with the server :

The server supports the following options for kex_algorithms :

  diffie-hellman-group-exchange-sha1
  diffie-hellman-group-exchange-sha256
  diffie-hellman-group1-sha1
  diffie-hellman-group14-sha1

The server supports the following options for server_host_key_algorithms :

  ssh-dss
  ssh-rsa

The server supports the following options for encryption_algorithms_client_to_server :

  3des-cbc
  aes128-cbc
  aes128-ctr
  aes192-cbc
  aes192-ctr
  aes256-cbc
  aes256-ctr
  arcfour
  arcfour128
  arcfour256
  blowfish-cbc
  cast128-cbc
  rijndael-cbc@lysator.liu.se
```

149334 - SSH Password Authentication Accepted

Synopsis

The SSH server on the remote host accepts password authentication.

Description

The SSH server on the remote host accepts password authentication.

See Also

https://tools.ietf.org/html/rfc4252#section-8

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2021/05/07, Modified: 2021/05/07

Plugin Output

tcp/22/ssh

10881 - SSH Protocol Versions Supported

Synopsis

A SSH server is running on the remote host.

Description

This plugin determines the versions of the SSH protocol supported by the remote SSH daemon.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/03/06, Modified: 2021/01/19

Plugin Output

tcp/22/ssh

```
The remote SSH daemon supports the following versions of the
SSH protocol :

  - 1.99
  - 2.0
```

153588 - SSH SHA-1 HMAC Algorithms Enabled

Synopsis

The remote SSH server is configured to enable SHA-1 HMAC algorithms.

Description

The remote SSH server is configured to enable SHA-1 HMAC algorithms.

Although NIST has formally deprecated use of SHA-1 for digital signatures, SHA-1 is still considered secure for HMAC as the security of HMAC does not rely on the underlying hash function being resistant to collisions.

Note that this plugin only checks for the options of the remote SSH server.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2021/09/23, Modified: 2022/04/05

Plugin Output

tcp/22/ssh

```
The following client-to-server SHA-1 Hash-based Message Authentication Code (HMAC) algorithms are
 supported :

  hmac-sha1
  hmac-sha1-96

The following server-to-client SHA-1 Hash-based Message Authentication Code (HMAC) algorithms are
 supported :

  hmac-sha1
  hmac-sha1-96
```

10267 - SSH Server Type and Version Information

Synopsis

An SSH server is listening on this port.

Description

It is possible to obtain information about the remote SSH server by sending an empty authentication request.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0933

Plugin Information

Published: 1999/10/12, Modified: 2020/09/22

Plugin Output

tcp/22/ssh

```
SSH version : SSH-2.0-OpenSSH_4.7p1 Debian-8ubuntu1
SSH supported authentication : publickey,password
```

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: 2021/02/03

Plugin Output

tcp/25/smtp

```
This port supports SSLv2/SSLv3/TLSv1.0.
```

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: 2021/02/03

Plugin Output

tcp/5432/postgresql

```
This port supports SSLv3/TLSv1.0.
```

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: 2021/03/09

Plugin Output

tcp/25/smtp

```
The host name known by Nessus is :

  metasploitable

The Common Name in the certificate is :

  ubuntu804-base.localdomain
```

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: 2021/03/09

Plugin Output

tcp/5432/postgresql

```
The host name known by Nessus is :

  metasploitable

The Common Name in the certificate is :

  ubuntu804-base.localdomain
```

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: 2021/02/03

Plugin Output

tcp/25/smtp

```
Subject Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Issuer Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Serial Number: 00 FA F9 3A 4C 7F B6 B9 CC

Version: 1

Signature Algorithm: SHA-1 With RSA Encryption

Not Valid Before: Mar 17 14:07:45 2010 GMT
Not Valid After: Apr 16 14:07:45 2010 GMT

Public Key Info:

Algorithm: RSA Encryption
```

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: 2021/02/03

Plugin Output

tcp/5432/postgresql

```
Subject Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Issuer Name:

Country: XX
State/Province: There is no such thing outside US
Locality: Everywhere
Organization: OCOSA
Organization Unit: Office for Complication of Otherwise Simple Affairs
Common Name: ubuntu804-base.localdomain
Email Address: root@ubuntu804-base.localdomain

Serial Number: 00 FA F9 3A 4C 7F B6 B9 CC

Version: 1

Signature Algorithm: SHA-1 With RSA Encryption

Not Valid Before: Mar 17 14:07:45 2010 GMT
Not Valid After: Apr 16 14:07:45 2010 GMT

Public Key Info:

Algorithm: RSA Encryption
```

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: 2021/02/03

Plugin Output

tcp/25/smtp

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

  Low Strength Ciphers (<= 64-bit key)

    Name                          Code              KEX           Auth     Encryption             MAC
    ----------------------        ----------        ---           ----     ---------------------  ---
    EXP-RC2-CBC-MD5               0x04, 0x00, 0x80 RSA(512)      RSA      RC2-CBC(40)            MD5
       export
    EXP-EDH-RSA-DES-CBC-SHA       0x00, 0x14       DH(512)       RSA      DES-CBC(40)
 SHA1      export
    EDH-RSA-DES-CBC-SHA           0x00, 0x15       DH            RSA      DES-CBC(56)
 SHA1
    EXP-ADH-DES-CBC-SHA           0x00, 0x19       DH(512)       None     DES-CBC(40)
 SHA1      export
    ADH-DES-CBC-SHA               0x00, 0x1A       DH            None     DES-CBC(56)
 SHA1
```

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: 2021/02/03

Plugin Output

tcp/5432/postgresql

```
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
    ----------------------        ----------        ---           ----     ---------------------  ---
    EDH-RSA-DES-CBC3-SHA          0x00, 0x16        DH            RSA      3DES-CBC(168)
 SHA1
    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-SHA            0x00, 0x33        DH            RSA      AES-CBC(128)
 SHA1
```

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/man1.0.2/man1/ciphers.html

http://www.nessus.org/u?e17ffced

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/06/05, Modified: 2022/07/25

Plugin Output

tcp/25/smtp

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

SSL Version : TLSv1
  Low Strength Ciphers (<= 64-bit key)

    Name                         Code              KEX           Auth     Encryption             MAC
    ----------------------       ----------        ---           ----     ---------------------  ---
    EXP-EDH-RSA-DES-CBC-SHA      0x00, 0x14        DH(512)       RSA      DES-CBC(40)
 SHA1      export
    EDH-RSA-DES-CBC-SHA          0x00, 0x15        DH            RSA      DES-CBC(56)
 SHA1
    EXP-ADH-DES-CBC-SHA          0x00, 0x19        DH(512)       None     DES-CBC(40)
 SHA1      export
    EXP-ADH-RC4-MD5              0x00, 0x17        DH(512)       None     RC4(40)                MD5
       export
    ADH-DES-CBC-SHA              0x00, 0x1A        DH            None     DES-CBC(56)
 SHA1
    EXP-DES-CBC-SHA              0x00, 0x08        RSA(512)      RSA      DES-CBC(40)
 SHA1      export
    EXP-RC2-CBC-MD5              0x00, 0x06        RSA(512)      RSA      RC2-CBC(40)            MD5
       export
```

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/man1.0.2/man1/ciphers.html

http://www.nessus.org/u?e17ffced

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/06/05, Modified: 2022/07/25

Plugin Output

tcp/5432/postgresql

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

SSL Version : TLSv1
  Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

    Name                         Code              KEX           Auth     Encryption             MAC
    ----------------------       ----------        ---           ----     ---------------------  ---
    EDH-RSA-DES-CBC3-SHA         0x00, 0x16        DH            RSA      3DES-CBC(168)
 SHA1
    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-SHA           0x00, 0x33        DH            RSA      AES-CBC(128)
 SHA1
    DHE-RSA-AES256-SHA           0x00, 0x39        DH            RSA      AES-CBC(256)
 SHA1
    AES128-SHA                   0x00, 0x2F        RSA           RSA      AES-CBC(128)
 SHA1
```

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: 2021/03/09

Plugin Output

tcp/25/smtp

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

  Low Strength Ciphers (<= 64-bit key)

    Name                          Code              KEX           Auth     Encryption             MAC
    ----------------------        ----------        ---           ----     ---------------------  ---
    EXP-EDH-RSA-DES-CBC-SHA       0x00, 0x14        DH(512)       RSA      DES-CBC(40)
 SHA1      export
    EDH-RSA-DES-CBC-SHA           0x00, 0x15        DH            RSA      DES-CBC(56)
 SHA1

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

    Name                          Code              KEX           Auth     Encryption             MAC
    ----------------------        ----------        ---           ----     ---------------------  ---
    EDH-RSA-DES-CBC3-SHA          0x00, 0x16        DH            RSA      3DES-CBC(168)
 SHA1
```

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: 2021/03/09

Plugin Output

tcp/5432/postgresql

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

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

    Name                          Code              KEX           Auth     Encryption             MAC
    ----------------------        ----------        ---           ----     ---------------------  ---
    EDH-RSA-DES-CBC3-SHA          0x00, 0x16        DH            RSA      3DES-CBC(168)
 SHA1

  High Strength Ciphers (>= 112-bit key)

    Name                          Code              KEX           Auth     Encryption             MAC
    ----------------------        ----------        ---           ----     ---------------------  ---
    DHE-RSA-AES128-SHA            0x00, 0x33        DH            RSA      AES-CBC(128)
 SHA1
    DHE-RSA-AES256-SHA            0x00, 0x39        DH            RSA      AES-CBC(256)
 SHA1
```

51891 - SSL Session Resume Supported

Synopsis

The remote host allows resuming SSL sessions.

Description

This script detects whether a host allows resuming SSL sessions by performing a full SSL handshake to receive a session ID, and then reconnecting with the previously used session ID. If the server accepts the session ID in the second connection, the server maintains a cache of sessions that can be resumed.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/02/07, Modified: 2021/09/13

Plugin Output

tcp/25/smtp

```
This port supports resuming SSLv3 sessions.
```

156899 - SSL/TLS Recommended Cipher Suites

Synopsis

The remote host advertises discouraged SSL/TLS ciphers.

Description

The remote host has open SSL/TLS ports which advertise discouraged cipher suites. It is recommended to only enable support for the following cipher suites:

TLSv1.3:

- 0x13,0x01 TLS_AES_128_GCM_SHA256
- 0x13,0x02 TLS_AES_256_GCM_SHA384
- 0x13,0x03 TLS_CHACHA20_POLY1305_SHA256

TLSv1.2:

- 0xC0,0x2B ECDHE-ECDSA-AES128-GCM-SHA256
- 0xC0,0x2F ECDHE-RSA-AES128-GCM-SHA256
- 0xC0,0x2C ECDHE-ECDSA-AES256-GCM-SHA384
- 0xC0,0x30 ECDHE-RSA-AES256-GCM-SHA384
- 0xCC,0xA9 ECDHE-ECDSA-CHACHA20-POLY1305
- 0xCC,0xA8 ECDHE-RSA-CHACHA20-POLY1305
- 0x00,0x9E DHE-RSA-AES128-GCM-SHA256
- 0x00,0x9F DHE-RSA-AES256-GCM-SHA384

This is the recommended configuration for the vast majority of services, as it is highly secure and compatible with nearly every client released in the last five (or more) years.

See Also

https://wiki.mozilla.org/Security/Server_Side_TLS

https://ssl-config.mozilla.org/

Solution

Only enable support for recommened cipher suites.

Risk Factor

None

Plugin Information

Published: 2022/01/20, Modified: 2022/04/06

156899 - SSL/TLS Recommended Cipher Suites

Synopsis

The remote host advertises discouraged SSL/TLS ciphers.

Description

The remote host has open SSL/TLS ports which advertise discouraged cipher suites. It is recommended to only enable support for the following cipher suites:

TLSv1.3:

- 0x13,0x01 TLS_AES_128_GCM_SHA256
- 0x13,0x02 TLS_AES_256_GCM_SHA384
- 0x13,0x03 TLS_CHACHA20_POLY1305_SHA256

TLSv1.2:

- 0xC0,0x2B ECDHE-ECDSA-AES128-GCM-SHA256
- 0xC0,0x2F ECDHE-RSA-AES128-GCM-SHA256
- 0xC0,0x2C ECDHE-ECDSA-AES256-GCM-SHA384
- 0xC0,0x30 ECDHE-RSA-AES256-GCM-SHA384
- 0xCC,0xA9 ECDHE-ECDSA-CHACHA20-POLY1305
- 0xCC,0xA8 ECDHE-RSA-CHACHA20-POLY1305
- 0x00,0x9E DHE-RSA-AES128-GCM-SHA256
- 0x00,0x9F DHE-RSA-AES256-GCM-SHA384

This is the recommended configuration for the vast majority of services, as it is highly secure and compatible with nearly every client released in the last five (or more) years.

See Also

https://wiki.mozilla.org/Security/Server_Side_TLS

https://ssl-config.mozilla.org/

Solution

Only enable support for recommened cipher suites.

Risk Factor

None

Plugin Information

Published: 2022/01/20, Modified: 2022/04/06

25240 - Samba Server Detection

Synopsis

An SMB server is running on the remote host.

Description

The remote host is running Samba, a CIFS/SMB server for Linux and Unix.

See Also

https://www.samba.org/

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/05/16, Modified: 2022/10/12

Plugin Output

tcp/445/cifs

104887 - Samba Version

Synopsis

It was possible to obtain the samba version from the remote operating system.

Description

Nessus was able to obtain the samba version from the remote operating 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: 2017/11/30, Modified: 2019/11/22

Plugin Output

tcp/445/cifs

```
The remote Samba Version is : Samba 3.0.20-Debian
```

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

References

XREF IAVT:0001-T-0710

Plugin Information

Published: 2017/02/03, Modified: 2020/09/22

Plugin Output

tcp/445/cifs

```
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: 2022/07/26

Plugin Output

tcp/21/ftp

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

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: 2022/07/26

Plugin Output

tcp/22/ssh

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

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: 2022/07/26

Plugin Output

tcp/23/telnet

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

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: 2022/07/26

Plugin Output

tcp/25/smtp

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

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: 2022/07/26

Plugin Output

tcp/80/www

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

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: 2022/07/26

Plugin Output

tcp/1524/wild_shell

```
A shell server (Metasploitable) is running on this port.
```

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: 2022/07/26

Plugin Output

tcp/5900/vnc

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

17975 - Service Detection (GET request)

Synopsis

The remote service could be identified.

Description

It was possible 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

References

XREF IAVT:0001-T-0935

Plugin Information

Published: 2005/04/06, Modified: 2021/10/27

Plugin Output

tcp/6667/irc

```
An IRC daemon is listening on this port.
```

11153 - Service Detection (HELP Request)

Synopsis

The remote service could be identified.

Description

It was possible to identify the remote service by its banner or by looking at the error message it sends when it receives a 'HELP'

request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/11/18, Modified: 2018/11/26

Plugin Output

tcp/3306/mysql

```
A MySQL 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

11819 - TFTP Daemon Detection

Synopsis

A TFTP server is listening on the remote port.

Description

The remote host is running a TFTP (Trivial File Transfer Protocol) daemon. TFTP is often used by routers and diskless hosts to retrieve their configuration. It can also be used by worms to propagate.

Solution

Disable this service if you do not use it.

Risk Factor

None

Plugin Information

Published: 2003/08/13, Modified: 2019/11/22

Plugin Output

udp/69/tftp

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: 2020/08/20

Plugin Output

udp/0

```
For your information, here is the traceroute from 192.168.32.100 to 192.168.32.102 :
192.168.32.100
192.168.32.102

Hop Count: 1
```

11154 - Unknown Service Detection: Banner Retrieval

Synopsis

There is an unknown service running on the remote host.

Description

Nessus was unable to identify a service on the remote host even though it returned a banner of some type.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/11/18, Modified: 2022/07/26

Plugin Output

tcp/512

```
If you know what this service is and think the banner could be used to
identify it, please send a description of the service along with the
following output to svc-signatures@nessus.org :

  Port   : 512
  Type   : spontaneous
  Banner :
0x00:  01 57 68 65 72 65 20 61 72 65 20 79 6F 75 3F 0A    .Where are you?.
          0x10:
```

11154 - Unknown Service Detection: Banner Retrieval

Synopsis

There is an unknown service running on the remote host.

Description

Nessus was unable to identify a service on the remote host even though it returned a banner of some type.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/11/18, Modified: 2022/07/26

Plugin Output

tcp/514

```
If you know what this service is and think the banner could be used to
identify it, please send a description of the service along with the
following output to svc-signatures@nessus.org :

  Port   : 514
  Type   : spontaneous
  Banner :
0x00:  01 67 65 74 6E 61 6D 65 69 6E 66 6F 3A 20 54 65    .getnameinfo: Te
          0x10:  6D 70 6F 72 61 72 79 20 66 61 69 6C 75 72 65 20    mporary failure
          0x20:  69 6E 20 6E 61 6D 65 20 72 65 73 6F 6C 75 74 69    in name resoluti
          0x30:  6F 6E 0A                                           on.
```

11154 - Unknown Service Detection: Banner Retrieval

Synopsis

There is an unknown service running on the remote host.

Description

Nessus was unable to identify a service on the remote host even though it returned a banner of some type.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/11/18, Modified: 2022/07/26

Plugin Output

tcp/8787

```
If you know what this service is and think the banner could be used to
identify it, please send a description of the service along with the
following output to svc-signatures@nessus.org :

  Port   : 8787
  Type   : get_http
  Banner :
0x0000:  00 00 00 03 04 08 46 00 00 03 A1 04 08 6F 3A 16    ......F......o:.
           0x0010:  44 52 62 3A 3A 44 52 62 43 6F 6E 6E 45 72 72 6F    DRb::DRbConnErro
           0x0020:  72 07 3A 07 62 74 5B 17 22 2F 2F 75 73 72 2F 6C    r.:.bt[."//usr/l
           0x0030:  69 62 2F 72 75 62 79 2F 31 2E 38 2F 64 72 62 2F    ib/ruby/1.8/drb/
           0x0040:  64 72 62 2E 72 62 3A 35 37 33 3A 69 6E 20 60 6C    drb.rb:573:in `l
           0x0050:  6F 61 64 27 22 37 2F 75 73 72 2F 6C 69 62 2F 72    oad'"7/usr/lib/r
           0x0060:  75 62 79 2F 31 2E 38 2F 64 72 62 2F 64 72 62 2E    uby/1.8/drb/drb.
           0x0070:  72 62 3A 36 31 32 3A 69 6E 20 60 72 65 63 76 5F    rb:612:in `recv_
           0x0080:  72 65 71 75 65 73 74 27 22 37 2F 75 73 72 2F 6C    request'"7/usr/l
           0x0090:  69 62 2F 72 75 62 79 2F 31 2E 38 2F 64 72 62 2F    ib/ruby/1.8/drb/
           0x00A0:  64 72 62 2E 72 62 3A 39 31 31 3A 69 6E 20 60 72    drb.rb:911:in `r
           0x00B0:  65 63 76 5F 72 65 71 75 65 73 74 27 22 3C 2F 75    ecv_request'"</u
           0x00C0:  73 72 2F 6C 69 62 2F 72 75 62 79 2F 31 2E 38 2F    sr/lib/ruby/1.8/
           0x00D0:  64 72 62 2F 64 72 62 2E 72 62 3A 31 35 33 30 3A    drb/drb.rb:1530:
           0x00E0:  69 6E 20 60 69 6E 69 74 5F 77 69 74 68 5F 63 6C    in `init_with_cl
           0x00F0:  69 65 6E 74 27 22 39 2F 75 73 72 2F 6C 69 62 2F    ient'"9/usr/lib/
           0x0100:  72 75 62 79 2F 31 2E 38 2F 64 72 62 2F 64 72 62    ruby/1.8/drb/drb
           0x0110:  2E 72 62 3A 31 35 34 32 3A 69 6E 20 60 73 65 74    .rb:1542:in `set
           0x0120:  75 70 5F 6D 65 73 73 61 67 65 27 22 33 2F 75 73    up_message'"3/us
           0x0130:  72 2F 6C 69 62 2F 72 75 62 79 2F 31 2E 38 2F 64    r/lib/ruby/1.8/d
           0x0140:  72 62 2F 64 72 62 2E 72 62 3A 31 34 39 34  [...]
```

19288 - VNC Server Security Type Detection

Synopsis

A VNC server is running on the remote host.

Description

This script checks the remote VNC server protocol version and the available 'security types'.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2005/07/22, Modified: 2021/07/13

Plugin Output

tcp/5900/vnc

```
\nThe remote VNC server chose security type #2 (VNC authentication)
```

65792 - VNC Server Unencrypted Communication Detection

Synopsis

A VNC server with one or more unencrypted 'security-types' is running on the remote host.

Description

This script checks the remote VNC server protocol version and the available 'security types' to determine if any unencrypted 'security-types' are in use or available.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/04/03, Modified: 2014/03/12

Plugin Output

tcp/5900/vnc

```
The remote VNC server supports the following security type
which does not perform full data communication encryption :

  2 (VNC authentication)
```

10342 - VNC Software Detection

Synopsis

The remote host is running a remote display software (VNC).

Description

The remote host is running VNC (Virtual Network Computing), which uses the RFB (Remote Framebuffer) protocol to provide remote access to graphical user interfaces and thus permits a console on the remote host to be displayed on another.

See Also

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

Solution

Make sure use of this software is done in accordance with your organization's security policy and filter incoming traffic to this port.

Risk Factor

None

Plugin Information

Published: 2000/03/07, Modified: 2017/06/12

Plugin Output

tcp/5900/vnc

```
The highest RFB protocol version supported by the server is :

  3.3
```

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: 2022/10/11

Plugin Output

tcp/445/cifs

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

11424 - WebDAV Detection

Synopsis

The remote server is running with WebDAV enabled.

Description

WebDAV is an industry standard extension to the HTTP specification.
It adds a capability for authorized users to remotely add and manage the content of a web server.

If you do not use this extension, you should disable it.

Solution

http://support.microsoft.com/default.aspx?kbid=241520

Risk Factor

None

Plugin Information

Published: 2003/03/20, Modified: 2011/03/14

Plugin Output

tcp/80/www

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: 2021/02/10

Plugin Output

udp/137/netbios-ns

```
The following 5 NetBIOS names have been gathered :

 METASPLOITABLE   = Computer name
 METASPLOITABLE   = Messenger Service
 METASPLOITABLE   = File Server Service
 WORKGROUP        = Workgroup / Domain name
 WORKGROUP        = Browser Service Elections

This SMB server seems to be a Samba server - its MAC address is NULL.
```

52703 - vsftpd Detection

Synopsis

An FTP server is listening on the remote port.

Description

The remote host is running vsftpd, an FTP server for UNIX-like systems written in C.

See Also

http://vsftpd.beasts.org/

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/03/17, Modified: 2019/11/22

Plugin Output

tcp/21/ftp

```
Source  : 220 (vsFTPd 2.3.4)
Version : 2.3.4
```