



# Basic Network Scan

---

Report generated by Nessus™

Sat, 19 Mar 2022 20:01:05 IST

---

---

TABLE OF CONTENTS

---

**Vulnerabilities by Host**

- 192.168.21.128.....4

---

## **Vulnerabilities by Host**

---

192.168.21.128

10

CRITICAL

9

HIGH

29

MEDIUM

9

LOW

156

INFO

#### Scan Information

Start time: Sat Mar 19 19:32:16 2022

End time: Sat Mar 19 20:01:05 2022

#### Host Information

Netbios Name: METASPLOITABLE

IP: 192.168.21.128

#### Vulnerabilities

##### 51988 - Bind Shell Backdoor Detection

#### Synopsis

The remote host may have been compromised.

#### Description

A shell is listening on the remote port without any authentication being required. An attacker may use it by connecting to the remote port and sending commands directly.

#### Solution

Verify if the remote host has been compromised, and reinstall the system if necessary.

#### Risk Factor

Critical

#### CVSS v3.0 Base Score

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

#### CVSS v2.0 Base Score

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

## Plugin Information

---

Published: 2011/02/15, Modified: 2019/05/10

## Plugin Output

---

tcp/1524/wild\_shell

```
Nessus was able to execute the command "id" using the
following request :
```

```
This produced the following truncated output (limited to 10 lines) :
```

```
----- snip -----
root@metasploitable:/# uid=0(root) gid=0(root) groups=0(root)
root@metasploitable:/#
```

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

## 32314 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness

### Synopsis

The remote SSH host keys are weak.

### Description

The remote SSH host key has been generated on a Debian or Ubuntu system which contains a bug in the random number generator of its OpenSSL library.

The problem is due to a Debian packager removing nearly all sources of entropy in the remote version of OpenSSL.

An attacker can easily obtain the private part of the remote key and use this to set up decipher the remote session or set up a man in the middle attack.

### See Also

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

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

### Solution

Consider all cryptographic material generated on the remote host to be guessable. In particular, all SSH, SSL and OpenVPN key material should be re-generated.

### 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)

## Plugin Information

---

Published: 2008/05/14, Modified: 2018/11/15

## Plugin Output

---

tcp/22/ssh

## 32321 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness (SSL check)

### Synopsis

The remote SSL certificate uses a weak key.

### Description

The remote x509 certificate on the remote SSL server has been generated on a Debian or Ubuntu system which contains a bug in the random number generator of its OpenSSL library.

The problem is due to a Debian packager removing nearly all sources of entropy in the remote version of OpenSSL.

An attacker can easily obtain the private part of the remote key and use this to decipher the remote session or set up a man in the middle attack.

### See Also

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

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

### Solution

Consider all cryptographic material generated on the remote host to be guessable. In particular, all SSH, SSL and OpenVPN key material should be re-generated.

### 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)



## Plugin Information

---

Published: 2008/05/15, Modified: 2020/11/16

## Plugin Output

---

tcp/25/smtp

## 32321 - Debian OpenSSH/OpenSSL Package Random Number Generator Weakness (SSL check)

### Synopsis

The remote SSL certificate uses a weak key.

### Description

The remote x509 certificate on the remote SSL server has been generated on a Debian or Ubuntu system which contains a bug in the random number generator of its OpenSSL library.

The problem is due to a Debian packager removing nearly all sources of entropy in the remote version of OpenSSL.

An attacker can easily obtain the private part of the remote key and use this to decipher the remote session or set up a man in the middle attack.

### See Also

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

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

### Solution

Consider all cryptographic material generated on the remote host to be guessable. In particular, all SSH, SSL and OpenVPN key material should be re-generated.

### 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)

## Plugin Information

---

Published: 2008/05/15, Modified: 2020/11/16

## Plugin Output

---

tcp/5432/postgresql

## 11356 - NFS Exported Share Information Disclosure

### Synopsis

It is possible to access NFS shares on the remote host.

### Description

At least one of the NFS shares exported by the remote server could be mounted by the scanning host. An attacker may be able to leverage this to read (and possibly write) files on remote host.

### Solution

Configure NFS on the remote host so that only authorized hosts can mount its remote shares.

### Risk Factor

Critical

### 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
```

- dev
- etc
- home
- initrd
- initrd.img
- lib
- lost+found
- media
- mnt
- nohup.out
- opt
- proc
- root
- sbin
- srv
- sys
- tmp
- usr
- var
- vmlinuz

## 46882 - UnrealIRCd Backdoor Detection

### Synopsis

The remote IRC server contains a backdoor.

### Description

The remote IRC server is a version of UnrealIRCd with a backdoor that allows an attacker to execute arbitrary code on the affected host.

### See Also

<https://seclists.org/fulldisclosure/2010/Jun/277>

<https://seclists.org/fulldisclosure/2010/Jun/284>

<http://www.unrealircd.com/txt/unrealsecadvisory.20100612.txt>

### Solution

Re-download the software, verify it using the published MD5 / SHA1 checksums, and re-install it.

### 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 40820

CVE CVE-2010-2075

### Exploitable With

CANVAS (true) Metasploit (true)

### Plugin Information

Published: 2010/06/14, Modified: 2018/11/28

### Plugin Output

192.168.21.128

tcp/6667/irc

The remote IRC server is running as :

uid=0(root) gid=0(root)

## 34460 - Unsupported Web Server Detection

### Synopsis

The remote web server is obsolete / unsupported.

### Description

According to its version, the remote web server is obsolete and no longer maintained by its vendor or provider.

Lack of support implies that no new security patches for the product will be released by the vendor. As a result, it may contain security vulnerabilities.

### Solution

Remove the web server if it is no longer needed. Otherwise, upgrade to a supported version if possible or switch to another server.

### Risk Factor

High

### 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

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

### References

XREF IAVA:0001-A-0617

### Plugin Information

Published: 2008/10/21, Modified: 2021/11/17

### Plugin Output

tcp/8180/www

```
Product      : Tomcat
Installed version : 5.5
Support ended   : 2012-09-30
Supported versions : 8.5.x / 9.x / 10.x
Additional information : http://tomcat.apache.org/tomcat-55-eol.html
```



## 61708 - VNC Server 'password' Password

### Synopsis

A VNC server running on the remote host is secured with a weak password.

### Description

The VNC server running on the remote host is secured with a weak password. Nessus was able to login using VNC authentication and a password of 'password'. A remote, unauthenticated attacker could exploit this to take control of the system.

### Solution

Secure the VNC service with a strong password.

### Risk Factor

Critical

### 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".
```

## 125855 - phpMyAdmin prior to 4.8.6 SQLi vulnerability (PMASA-2019-3)

### Synopsis

The remote web server hosts a PHP application that is affected by SQLi vulnerability.

### Description

According to its self-reported version number, the phpMyAdmin application hosted on the remote web server is prior to 4.8.6. It is, therefore, affected by a SQL injection (SQLi) vulnerability that exists in designer feature of phpMyAdmin. An unauthenticated, remote attacker can exploit this to inject or manipulate SQL queries in the back-end database, resulting in the disclosure or manipulation of arbitrary data.

Note that Nessus has not attempted to exploit these issues but has instead relied only on the application's self-reported version number.

### See Also

<http://www.nessus.org/u?c9d7fc8c>

### Solution

Upgrade to phpMyAdmin version 4.8.6 or later.

Alternatively, apply the patches referenced in the vendor advisories.

### Risk Factor

High

### CVSS v3.0 Base Score

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

### CVSS v3.0 Temporal Score

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

### CVSS v2.0 Base Score

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

### CVSS v2.0 Temporal Score

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

### References

BID	108617
CVE	CVE-2019-11768

## Plugin Information

---

Published: 2019/06/13, Modified: 2019/10/18

## Plugin Output

---

tcp/80/www

```
URL           : http://192.168.21.128/phpMyAdmin
Installed version : 3.1.1
Fixed version  : 4.8.6
```

## 10203 - rexecd Service Detection

### Synopsis

The rexecd service is running on the remote host.

### Description

The rexecd service is running on the remote host. This service is design to allow users of a network to execute commands remotely.

However, rexecd does not provide any good means of authentication, so it may be abused by an attacker to scan a third-party host.

### Solution

Comment out the 'exec' line in /etc/inetd.conf and restart the inetd process.

### Risk Factor

Critical

### CVSS v2.0 Base Score

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

### References

CVE CVE-1999-0618

### Plugin Information

Published: 1999/08/31, Modified: 2018/08/13

### Plugin Output

tcp/512/rexecd

## 136808 - ISC BIND Denial of Service

### Synopsis

The remote name server is affected by an assertion failure vulnerability.

### Description

A denial of service (DoS) vulnerability exists in ISC BIND versions 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 and earlier. An unauthenticated, remote attacker can exploit this issue, via a specially-crafted message, to cause the service to stop responding.

Note that Nessus has not tested for this issue but has instead relied only on the application's self-reported version number.

### See Also

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

### Solution

Upgrade to the patched release most closely related to your current version of BIND.

### Risk Factor

High

### CVSS v3.0 Base Score

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

### CVSS v3.0 Temporal Score

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

### CVSS v2.0 Base Score

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

### CVSS v2.0 Temporal Score

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

### STIG Severity

I

### References

CVE CVE-2020-8617  
XREF IAVA:2020-A-0217-S

#### Plugin Information

---

Published: 2020/05/22, Modified: 2020/12/10

#### Plugin Output

---

udp/53/dns

```
Installed version : 9.4.2  
Fixed version    : 9.11.19
```

## 136769 - ISC BIND Service Downgrade / Reflected DoS

### Synopsis

The remote name server is affected by Service Downgrade / Reflected DoS vulnerabilities.

### Description

According to its self-reported version, the instance of ISC BIND 9 running on the remote name server is affected by performance downgrade and Reflected DoS vulnerabilities. This is due to BIND DNS not sufficiently limiting the number fetches which may be performed while processing a referral response.

An unauthenticated, remote attacker can exploit this to cause degrade the service of the recursive server or to use the affected server as a reflector in a reflection attack.

### See Also

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

### Solution

Upgrade to the ISC BIND version referenced in the vendor advisory.

### Risk Factor

Medium

### 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

CVE CVE-2020-8616  
XREF IAVA:2020-A-0217-S

#### Plugin Information

---

Published: 2020/05/22, Modified: 2020/06/26

#### Plugin Output

---

udp/53/dns

```
Installed version : 9.4.2  
Fixed version    : 9.11.19
```



## 42873 - SSL Medium Strength Cipher Suites Supported (SWEET32)

### Synopsis

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

### Description

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

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

### See Also

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

<https://sweet32.info>

### Solution

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

### Risk Factor

Medium

### CVSS v3.0 Base Score

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

### CVSS 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

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

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
DES-CBC3-MD5	0x07, 0x00, 0xC0	RSA	RSA	3DES-CBC(168)	MD5
EDH-RSA-DES-CBC3-SHA	0x00, 0x16	DH	RSA	3DES-CBC(168)	
SHA1					
ADH-DES-CBC3-SHA	0x00, 0x1B	DH	None	3DES-CBC(168)	
SHA1					
DES-CBC3-SHA	0x00, 0x0A	RSA	RSA	3DES-CBC(168)	
SHA1					

The fields above are :

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

## 42873 - SSL Medium Strength Cipher Suites Supported (SWEET32)

### Synopsis

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

### Description

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

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

### See Also

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

<https://sweet32.info>

### Solution

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

### Risk Factor

Medium

### CVSS v3.0 Base Score

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

### CVSS 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

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					

The fields above are :

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

## 20007 - SSL Version 2 and 3 Protocol Detection

### Synopsis

---

The remote service encrypts traffic using a protocol with known weaknesses.

### Description

---

The remote service accepts connections encrypted using SSL 2.0 and/or SSL 3.0. These versions of SSL are affected by several cryptographic flaws, including:

- An insecure padding scheme with CBC ciphers.
- Insecure session renegotiation and resumption schemes.

An attacker can exploit these flaws to conduct man-in-the-middle attacks or to decrypt communications between the affected service and clients.

Although SSL/TLS has a secure means for choosing the highest supported version of the protocol (so that these versions will be used only if the client or server support nothing better), many web browsers implement this in an unsafe way that allows an attacker to downgrade a connection (such as in POODLE). Therefore, it is recommended that these protocols be disabled entirely.

NIST has determined that SSL 3.0 is no longer acceptable for secure communications. As of the date of enforcement found in PCI DSS v3.1, any version of SSL will not meet the PCI SSC's definition of 'strong cryptography'.

### 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

---

Consult the application's documentation to disable SSL 2.0 and 3.0.

Use TLS 1.2 (with approved cipher suites) or higher instead.

### Risk Factor

---

High

### 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

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

Plugin Information

Published: 2005/10/12, Modified: 2020/05/06

Plugin Output

tcp/25/smtp

- SSLv2 is enabled and the server supports at least one cipher.

Low Strength Ciphers (<= 64-bit key)

Name	Code	KEX	Auth	Encryption	MAC
EXP-RC2-CBC-MD5 export		RSA(512)	RSA	RC2-CBC(40)	MD5
EXP-RC4-MD5 export		RSA(512)	RSA	RC4(40)	MD5

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

Name	Code	KEX	Auth	Encryption	MAC
DES-CBC3-MD5		RSA	RSA	3DES-CBC(168)	MD5

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
RC4-MD5		RSA	RSA	RC4(128)	MD5

The fields above are :

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

- SSLv3 is enabled and the server supports at least one cipher.

Explanation: TLS 1.0 and SSL 3.0 cipher suites may be used with SSLv3

Low Strength Ciphers (<= 64-bit key)

Name	Code	KEX	Auth	Encryption	MAC
EXP-EDH-RSA-DES-CBC-SHA SHA1 export		DH(512)	RSA	DES-CBC(40)	
EDH-RSA-DES-CBC-SHA [...]		DH	RSA	DES-CBC(56)	SHA

## 20007 - SSL Version 2 and 3 Protocol Detection

### Synopsis

---

The remote service encrypts traffic using a protocol with known weaknesses.

### Description

---

The remote service accepts connections encrypted using SSL 2.0 and/or SSL 3.0. These versions of SSL are affected by several cryptographic flaws, including:

- An insecure padding scheme with CBC ciphers.
- Insecure session renegotiation and resumption schemes.

An attacker can exploit these flaws to conduct man-in-the-middle attacks or to decrypt communications between the affected service and clients.

Although SSL/TLS has a secure means for choosing the highest supported version of the protocol (so that these versions will be used only if the client or server support nothing better), many web browsers implement this in an unsafe way that allows an attacker to downgrade a connection (such as in POODLE). Therefore, it is recommended that these protocols be disabled entirely.

NIST has determined that SSL 3.0 is no longer acceptable for secure communications. As of the date of enforcement found in PCI DSS v3.1, any version of SSL will not meet the PCI SSC's definition of 'strong cryptography'.

### 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

---

Consult the application's documentation to disable SSL 2.0 and 3.0.

Use TLS 1.2 (with approved cipher suites) or higher instead.

### Risk Factor

---

High

### 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

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

## Plugin Information

Published: 2005/10/12, Modified: 2020/05/06

## Plugin Output

tcp/5432/postgresql

- SSLv3 is enabled and the server supports at least one cipher.  
Explanation: TLS 1.0 and SSL 3.0 cipher suites may be used with SSLv3

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

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

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
DHE-RSA-AES128-SHA		DH	RSA	AES-CBC(128)	
SHA1					
DHE-RSA-AES256-SHA		DH	RSA	AES-CBC(256)	
SHA1					
AES128-SHA		RSA	RSA	AES-CBC(128)	
SHA1					
AES256-SHA		RSA	RSA	AES-CBC(256)	
SHA1					
RC4-SHA		RSA	RSA	RC4(128)	
SHA1					

The fields above are :

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



## 90509 - Samba Badlock Vulnerability

### Synopsis

An SMB server running on the remote host is affected by the Badlock vulnerability.

### Description

The version of Samba, a CIFS/SMB server for Linux and Unix, running on the remote host is affected by a flaw, known as Badlock, that exists in the Security Account Manager (SAM) and Local Security Authority (Domain Policy) (LSAD) protocols due to improper authentication level negotiation over Remote Procedure Call (RPC) channels. A man-in-the-middle attacker who is able to intercept the traffic between a client and a server hosting a SAM database can exploit this flaw to force a downgrade of the authentication level, which allows the execution of arbitrary Samba network calls in the context of the intercepted user, such as viewing or modifying sensitive security data in the Active Directory (AD) database or disabling critical services.

### 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

Medium

### 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

CVE	CVE-2016-2118
XREF	CERT:813296

#### Plugin Information

---

Published: 2016/04/13, Modified: 2019/11/20

#### Plugin Output

---

tcp/445/cifs

```
Nessus detected that the Samba Badlock patch has not been applied.
```

## 10205 - rlogin Service Detection

### Synopsis

The rlogin service is running on the remote host.

### Description

The rlogin service is running on the remote host. This service is vulnerable since data is passed between the rlogin client and server in cleartext. A man-in-the-middle attacker can exploit this to sniff logins and passwords. Also, it may allow poorly authenticated logins without passwords. If the host is vulnerable to TCP sequence number guessing (from any network) or IP spoofing (including ARP hijacking on a local network) then it may be possible to bypass authentication.

Finally, rlogin is an easy way to turn file-write access into full logins through the .rhosts or rhosts.equiv files.

### Solution

Comment out the 'login' line in /etc/inetd.conf and restart the inetd process. Alternatively, disable this service and use SSH instead.

### Risk Factor

High

### CVSS v2.0 Base Score

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

### References

CVE CVE-1999-0651

### Exploitable With

Metasploit (true)

### Plugin Information

Published: 1999/08/30, Modified: 2018/08/13

### Plugin Output

tcp/513/rlogin

## 10245 - rsh Service Detection

### Synopsis

The rsh service is running on the remote host.

### Description

The rsh service is running on the remote host. This service is vulnerable since data is passed between the rsh client and server in cleartext. A man-in-the-middle attacker can exploit this to sniff logins and passwords. Also, it may allow poorly authenticated logins without passwords. If the host is vulnerable to TCP sequence number guessing (from any network) or IP spoofing (including ARP hijacking on a local network) then it may be possible to bypass authentication.

Finally, rsh is an easy way to turn file-write access into full logins through the .rhosts or rhosts.equiv files.

### Solution

Comment out the 'rsh' line in /etc/inetd.conf and restart the inetd process. Alternatively, disable this service and use SSH instead.

### Risk Factor

High

### CVSS v2.0 Base Score

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

### References

CVE CVE-1999-0651

### Exploitable With

Metasploit (true)

### Plugin Information

Published: 1999/08/22, Modified: 2018/08/13

### Plugin Output

tcp/514/rsh

## 12085 - Apache Tomcat Default Files

### Synopsis

The remote web server contains default files.

### Description

The default error page, default index page, example JSPs and/or example servlets are installed on the remote Apache Tomcat server. These files should be removed as they may help an attacker uncover information about the remote Tomcat install or host itself.

### See Also

<http://www.nessus.org/u?4cb3b4dd>

[https://www.owasp.org/index.php/Securing\\_tomcat](https://www.owasp.org/index.php/Securing_tomcat)

### Solution

Delete the default index page and remove the example JSP and servlets. Follow the Tomcat or OWASP instructions to replace or modify the default error page.

### 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

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

### Plugin Information

Published: 2004/03/02, Modified: 2019/08/12

### Plugin Output

tcp/8180/www

The following default files were found :

<http://192.168.21.128:8180/tomcat-docs/index.html>

The server is not configured to return a custom page in the event of a client requesting a non-existent resource.  
This may result in a potential disclosure of sensitive information about the server to attackers.



## 11411 - Backup Files Disclosure

### Synopsis

It is possible to retrieve file backups from the remote web server.

### Description

By appending various suffixes (ie: .old, .bak, ~, etc...) to the names of various files on the remote host, it seems possible to retrieve their contents, which may result in disclosure of sensitive information.

### See Also

<http://projects.webappsec.org/w/page/13246953/Predictable%20Resource%20Location>

### Solution

Ensure the files do not contain any sensitive information, such as credentials to connect to a database, and delete or protect those files that should not be accessible.

### Risk Factor

Medium

### CVSS v2.0 Base Score

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

### Plugin Information

Published: 2003/03/17, Modified: 2021/01/19

### Plugin Output

tcp/80/www

```
It is possible to read the following backup files :
```

- File : /twiki/bin/view/Main/WebHome~  
URL : http://192.168.21.128/twiki/bin/view/Main/WebHome~
- File : /twiki/bin/search/Main/SearchResult~  
URL : http://192.168.21.128/twiki/bin/search/Main/SearchResult~

## 40984 - Browsable Web Directories

### Synopsis

Some directories on the remote web server are browsable.

### Description

Multiple Nessus plugins identified directories on the web server that are browsable.

### See Also

<http://www.nessus.org/u?0a35179e>

### Solution

Make sure that browsable directories do not leak confidential information or give access to sensitive resources. Additionally, use access restrictions or disable directory indexing for any that do.

### 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

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

### Plugin Information

Published: 2009/09/15, Modified: 2021/01/19

### Plugin Output

tcp/80/www

The following directories are browsable :

```
http://192.168.21.128/dav/
http://192.168.21.128/dvwa/dvwa/
http://192.168.21.128/dvwa/dvwa/css/
http://192.168.21.128/dvwa/dvwa/images/
http://192.168.21.128/dvwa/dvwa/includes/
http://192.168.21.128/dvwa/dvwa/includes/DBMS/
http://192.168.21.128/dvwa/dvwa/js/
http://192.168.21.128/mutillidae/documentation/
http://192.168.21.128/mutillidae/styles/
http://192.168.21.128/mutillidae/styles/ddsmoothmenu/
```



```
http://192.168.21.128/test/  
http://192.168.21.128/test/testoutput/
```

## 12217 - DNS Server Cache Snooping Remote Information Disclosure

### Synopsis

The remote DNS server is vulnerable to cache snooping attacks.

### Description

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

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

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

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

### See Also

[http://cs.unc.edu/~fabian/course\\_papers/cache\\_snooping.pdf](http://cs.unc.edu/~fabian/course_papers/cache_snooping.pdf)

### Solution

Contact the vendor of the DNS software for a fix.

### Risk Factor

Medium

### CVSS v3.0 Base Score

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

### CVSS v2.0 Base Score

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

### Plugin Information

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

### Plugin Output

udp/53/dns

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

93.184.216.34

## 11213 - HTTP TRACE / TRACK Methods Allowed

### Synopsis

Debugging functions are enabled on the remote web server.

### Description

The remote web server supports the TRACE and/or TRACK methods. TRACE and TRACK are HTTP methods that are used to debug web server connections.

### See Also

[https://www.cgisecurity.com/whitehat-mirror/WH-WhitePaper\\_XST\\_ebook.pdf](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

Disable these HTTP methods. Refer to the plugin output for more information.

### 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 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

BID	37995
CVE	CVE-2003-1567
CVE	CVE-2004-2320
CVE	CVE-2010-0386
XREF	CERT:288308
XREF	CERT:867593
XREF	CWE:16
XREF	CWE:200

## Plugin Information

Published: 2003/01/23, Modified: 2020/06/12

## Plugin Output

tcp/80/www

To disable these methods, add the following lines for each virtual host in your configuration file :

```
RewriteEngine on
RewriteCond %{REQUEST_METHOD} ^(TRACE|TRACK)
RewriteRule .* - [F]
```

Alternatively, note that Apache versions 1.3.34, 2.0.55, and 2.2 support disabling the TRACE method natively via the 'TraceEnable' directive.

Nessus sent the following TRACE request :

```
----- snip -----
TRACE /Nessus1870133040.html HTTP/1.1
Connection: Close
Host: 192.168.21.128
Pragma: no-cache
User-Agent: Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 5.1; Trident/4.0)
Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, image/png, */*
Accept-Language: en
Accept-Charset: iso-8859-1,*,utf-8
```

and received the following response from the remote server :

```
----- snip -----
HTTP/1.1 200 OK
Date: Sat, 19 Mar 2022 14:17:30 GMT
Server: Apache/2.2.8 (Ubuntu) DAV/2
Keep-Alive: timeout=15, max=100
Connection: Keep-Alive
Transfer-Encoding: chunked
Content-Type: message/http

TRACE /Nessus1870133040.html HTTP/1.1
Connection: Keep-Alive
Host: 192.168.21.128
Pragma: no-cache
User-Agent: Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 5.1; Trident/4.0)
Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, image/png, */*
```

```
Accept-Language: en  
Accept-Charset: iso-8859-1,*,utf-8
```

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

## Synopsis

The remote name server is affected by a denial of service vulnerability.

## Description

According to its self-reported version number, the installation of ISC BIND running on the remote name server is version 9.x prior to 9.11.22, 9.12.x prior to 9.16.6 or 9.17.x prior to 9.17.4. It is, therefore, affected by a denial of service (DoS) vulnerability due to an assertion failure when attempting to verify a truncated response to a TSIG-signed request. An authenticated, remote attacker can exploit this issue by sending a truncated response to a TSIG-signed request to trigger an assertion failure, causing the server to exit.

Note that Nessus has not tested for this issue but has instead relied only on the application's self-reported version number.

## See Also

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

## Solution

Upgrade to BIND 9.11.22, 9.16.6, 9.17.4 or later.

## 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

## References

---

CVE	CVE-2020-8622
XREF	IAVA:2020-A-0385-S

## Plugin Information

---

Published: 2020/08/27, Modified: 2021/06/03

## Plugin Output

---

udp/53/dns

```
Installed version : 9.4.2
Fixed version    : 9.11.22, 9.16.6, 9.17.4 or later
```



## 46803 - PHP expose\_php Information Disclosure

### Synopsis

The configuration of PHP on the remote host allows disclosure of sensitive information.

### Description

The PHP install on the remote server is configured in a way that allows disclosure of potentially sensitive information to an attacker through a special URL. Such a URL triggers an Easter egg built into PHP itself.

Other such Easter eggs likely exist, but Nessus has not checked for them.

### See Also

[https://www.0php.com/php\\_easter\\_egg.php](https://www.0php.com/php_easter_egg.php)

<https://seclists.org/webappsec/2004/q4/324>

### Solution

In the PHP configuration file, `php.ini`, set the value for 'expose\_php' to 'Off' to disable this behavior. Restart the web server daemon to put this change into effect.

### Risk Factor

Medium

### CVSS v2.0 Base Score

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

### Plugin Information

Published: 2010/06/03, Modified: 2018/11/15

### Plugin Output

tcp/80/www

Nessus was able to verify the issue using the following URL :

`http://192.168.21.128/dvwa/dvwa/includes/DBMS/DBMS.php/?=PHPB8B5F2A0-3C92-11d3-A3A9-4C7B08C10000`

## 57608 - SMB Signing not required

### Synopsis

---

Signing is not required on the remote SMB server.

### Description

---

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

### See Also

---

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

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

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

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

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

### Solution

---

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

### Risk Factor

---

Medium

### CVSS v3.0 Base Score

---

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

### CVSS v3.0 Temporal Score

---

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

### CVSS v2.0 Base Score

---

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

### CVSS v2.0 Temporal Score

---

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

### Plugin Information

---

Published: 2012/01/19, Modified: 2021/03/15

Plugin Output

---

tcp/445/cifs

## 90317 - SSH Weak Algorithms Supported

### Synopsis

The remote SSH server is configured to allow weak encryption algorithms or no algorithm at all.

### Description

Nessus has detected that the remote SSH server is configured to use the Arcfour stream cipher or no cipher at all. RFC 4253 advises against using Arcfour due to an issue with weak keys.

### See Also

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

### Solution

Contact the vendor or consult product documentation to remove the weak ciphers.

### 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

The remote service supports the use of anonymous SSL ciphers.

### Description

The remote host supports the use of anonymous SSL ciphers. While this enables an administrator to set up a service that encrypts traffic without having to generate and configure SSL certificates, it offers no way to verify the remote host's identity and renders the service vulnerable to a man-in-the-middle attack.

Note: This is considerably easier to exploit if the attacker is on the same physical network.

### See Also

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

### Solution

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

### 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

## Plugin Output

tcp/25/smtp

The following is a list of SSL anonymous ciphers supported by the remote TCP server :

Low Strength Ciphers (<= 64-bit key)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
EXP-ADH-DES-CBC-SHA SHA1 export	0x00, 0x19	DH(512)	None	DES-CBC(40)	
EXP-ADH-RC4-MD5 export	0x00, 0x17	DH(512)	None	RC4(40)	MD5
ADH-DES-CBC-SHA SHA1	0x00, 0x1A	DH	None	DES-CBC(56)	

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

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
ADH-DES-CBC3-SHA SHA1	0x00, 0x1B	DH	None	3DES-CBC(168)	

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
ADH-AES128-SHA SHA1	0x00, 0x34	DH	None	AES-CBC(128)	
ADH-AES256-SHA SHA1	0x00, 0x3A	DH	None	AES-CBC(256)	
ADH-RC4-MD5	0x00, 0x18	DH	None	RC4(128)	MD5

The fields above are :

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

## 51192 - SSL Certificate Cannot Be Trusted

### Synopsis

---

The SSL certificate for this service cannot be trusted.

### Description

---

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

- First, the top of the certificate chain sent by the server might not be descended from a known public certificate authority. This can occur either when the top of the chain is an unrecognized, self-signed certificate, or when intermediate certificates are missing that would connect the top of the certificate chain to a known public certificate authority.
- Second, the certificate chain may contain a certificate that is not valid at the time of the scan. This can occur either when the scan occurs before one of the certificate's 'notBefore' dates, or after one of the certificate's 'notAfter' dates.
- Third, the certificate chain may contain a signature that either didn't match the certificate's information or could not be verified. Bad signatures can be fixed by getting the certificate with the bad signature to be re-signed by its issuer. Signatures that could not be verified are the result of the certificate's issuer using a signing algorithm that Nessus either does not support or does not recognize.

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

### See Also

---

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

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

### Solution

---

Purchase or generate a proper SSL certificate for this service.

### Risk Factor

---

Medium

### CVSS v3.0 Base Score

---

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

### CVSS v2.0 Base Score

---

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

## Plugin Information

---

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

## Plugin Output

---

tcp/25/smtp

The following certificate was part of the certificate chain sent by the remote host, but it has 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/E=root@ubuntu804-  
base.localdomain  
| -Not After  : Apr 16 14:07:45 2010 GMT
```

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

```
| -Subject : 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  
| -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/E=root@ubuntu804-  
base.localdomain
```



## 51192 - SSL Certificate Cannot Be Trusted

### Synopsis

---

The SSL certificate for this service cannot be trusted.

### Description

---

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

- First, the top of the certificate chain sent by the server might not be descended from a known public certificate authority. This can occur either when the top of the chain is an unrecognized, self-signed certificate, or when intermediate certificates are missing that would connect the top of the certificate chain to a known public certificate authority.
- Second, the certificate chain may contain a certificate that is not valid at the time of the scan. This can occur either when the scan occurs before one of the certificate's 'notBefore' dates, or after one of the certificate's 'notAfter' dates.
- Third, the certificate chain may contain a signature that either didn't match the certificate's information or could not be verified. Bad signatures can be fixed by getting the certificate with the bad signature to be re-signed by its issuer. Signatures that could not be verified are the result of the certificate's issuer using a signing algorithm that Nessus either does not support or does not recognize.

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

### See Also

---

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

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

### Solution

---

Purchase or generate a proper SSL certificate for this service.

### Risk Factor

---

Medium

### CVSS v3.0 Base Score

---

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

### CVSS v2.0 Base Score

---

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

## Plugin Information

---

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

## Plugin Output

---

tcp/5432/postgresql

The following certificate was part of the certificate chain sent by the remote host, but it has 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/E=root@ubuntu804-  
base.localdomain  
| -Not After  : Apr 16 14:07:45 2010 GMT
```

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

```
| -Subject : 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  
| -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/E=root@ubuntu804-  
base.localdomain
```

## 15901 - SSL Certificate Expiry

### Synopsis

The remote server's SSL certificate has already expired.

### Description

This plugin checks expiry dates of certificates associated with SSL- enabled services on the target and reports whether any have already expired.

### Solution

Purchase or generate a new SSL certificate to replace the existing one.

### 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

The remote server's SSL certificate has already expired.

### Description

This plugin checks expiry dates of certificates associated with SSL- enabled services on the target and reports whether any have already expired.

### Solution

Purchase or generate a new SSL certificate to replace the existing one.

### 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
```

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

### Synopsis

The remote host may be affected by a vulnerability that allows a remote attacker to potentially decrypt captured TLS traffic.

### Description

The remote host supports SSLv2 and therefore may be affected by a vulnerability that allows a cross-protocol Bleichenbacher padding oracle attack known as DROWN (Decrypting RSA with Obsolete and Weakened eNcryption). This vulnerability exists due to a flaw in the Secure Sockets Layer Version 2 (SSLv2) implementation, and it allows captured TLS traffic to be decrypted. A man-in-the-middle attacker can exploit this to decrypt the TLS connection by utilizing previously captured traffic and weak cryptography along with a series of specially crafted connections to an SSLv2 server that uses the same private key.

### See Also

<https://drownattack.com/>

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

### Solution

Disable SSLv2 and export grade cryptography cipher suites. Ensure that private keys are not used anywhere with server software that supports SSLv2 connections.

### 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

BID 83733  
CVE CVE-2016-0800  
XREF CERT:583776

## Plugin Information

Published: 2016/03/01, Modified: 2019/11/20

## Plugin Output

tcp/25/smtp

The remote host is affected by SSL DROWN and supports the following vulnerable cipher suites :

### Low Strength Ciphers (<= 64-bit key)

Name	Code	KEX	Auth	Encryption	MAC
EXP-RC2-CBC-MD5 export	0x04, 0x00, 0x80	RSA(512)	RSA	RC2-CBC(40)	MD5
EXP-RC4-MD5 export	0x02, 0x00, 0x80	RSA(512)	RSA	RC4(40)	MD5

### High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
RC4-MD5	0x01, 0x00, 0x80	RSA	RSA	RC4(128)	MD5

The fields above are :

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

### Synopsis

---

The remote service supports the use of the RC4 cipher.

### Description

---

The remote host supports the use of RC4 in one or more cipher suites.

The RC4 cipher is flawed in its generation of a pseudo-random stream of bytes so that a wide variety of small biases are introduced into the stream, decreasing its randomness.

If plaintext is repeatedly encrypted (e.g., HTTP cookies), and an attacker is able to obtain many (i.e., tens of millions) ciphertexts, the attacker may be able to derive the plaintext.

### 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](https://www.imperva.com/docs/HII_Attacking_SSL_when_using_RC4.pdf)

### Solution

---

Reconfigure the affected application, if possible, to avoid use of RC4 ciphers. Consider using TLS 1.2 with AES-GCM suites subject to browser and web server support.

### 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)

## References

BID 58796  
BID 73684  
CVE CVE-2013-2566  
CVE CVE-2015-2808

## Plugin Information

Published: 2013/04/05, Modified: 2021/02/03

## Plugin Output

tcp/25/smtp

List of RC4 cipher suites supported by the remote server :

Low Strength Ciphers (<= 64-bit key)

Name	Code	KEX	Auth	Encryption	MAC
EXP-RC4-MD5 export	0x02, 0x00, 0x80	RSA(512)	RSA	RC4(40)	MD5
EXP-ADH-RC4-MD5 export	0x00, 0x17	DH(512)	None	RC4(40)	MD5
EXP-RC4-MD5 export	0x00, 0x03	RSA(512)	RSA	RC4(40)	MD5

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
RC4-MD5	0x01, 0x00, 0x80	RSA	RSA	RC4(128)	MD5
ADH-RC4-MD5	0x00, 0x18	DH	None	RC4(128)	MD5
RC4-MD5	0x00, 0x04	RSA	RSA	RC4(128)	MD5
RC4-SHA	0x00, 0x05	RSA	RSA	RC4(128)	MD5

SHA1

The fields above are :

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



### Synopsis

---

The remote service supports the use of the RC4 cipher.

### Description

---

The remote host supports the use of RC4 in one or more cipher suites.

The RC4 cipher is flawed in its generation of a pseudo-random stream of bytes so that a wide variety of small biases are introduced into the stream, decreasing its randomness.

If plaintext is repeatedly encrypted (e.g., HTTP cookies), and an attacker is able to obtain many (i.e., tens of millions) ciphertexts, the attacker may be able to derive the plaintext.

### 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](https://www.imperva.com/docs/HII_Attacking_SSL_when_using_RC4.pdf)

### Solution

---

Reconfigure the affected application, if possible, to avoid use of RC4 ciphers. Consider using TLS 1.2 with AES-GCM suites subject to browser and web server support.

### 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)

## References

---

BID 58796  
BID 73684  
CVE CVE-2013-2566  
CVE CVE-2015-2808

## Plugin Information

---

Published: 2013/04/05, Modified: 2021/02/03

## Plugin Output

---

tcp/5432/postgresql

List of RC4 cipher suites supported by the remote server :

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
RC4-SHA	0x00, 0x05	RSA	RSA	RC4(128)	
SHA1					

The fields above are :

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

## 57582 - SSL Self-Signed Certificate

### Synopsis

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

### Description

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

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

### Solution

Purchase or generate a proper SSL certificate for this service.

### Risk Factor

Medium

### CVSS 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: 2020/04/27

### 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
```

## 57582 - SSL Self-Signed Certificate

### Synopsis

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

### Description

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

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

### Solution

Purchase or generate a proper SSL certificate for this service.

### Risk Factor

Medium

### CVSS 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: 2020/04/27

### Plugin Output

tcp/5432/postgresql

```
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

The remote service supports the use of weak SSL ciphers.

### Description

The remote host supports the use of SSL ciphers that offer weak encryption.

Note: This is considerably easier to exploit if the attacker is on the same physical network.

### See Also

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

### Solution

Reconfigure the affected application, if possible to avoid the use of weak ciphers.

### 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

192.168.21.128

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

Low Strength Ciphers (<= 64-bit key)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
EXP-RC2-CBC-MD5 export	0x04, 0x00, 0x80	RSA(512)	RSA	RC2-CBC(40)	MD5
EXP-RC4-MD5 export	0x02, 0x00, 0x80	RSA(512)	RSA	RC4(40)	MD5
EXP-EDH-RSA-DES-CBC-SHA SHA1 export	0x00, 0x14	DH(512)	RSA	DES-CBC(40)	
EDH-RSA-DES-CBC-SHA SHA1	0x00, 0x15	DH	RSA	DES-CBC(56)	
EXP-ADH-DES-CBC-SHA SHA1 export	0x00, 0x19	DH(512)	None	DES-CBC(40)	
EXP-ADH-RC4-MD5 export	0x00, 0x17	DH(512)	None	RC4(40)	MD5
ADH-DES-CBC-SHA SHA1	0x00, 0x1A	DH	None	DES-CBC(56)	
EXP-DES-CBC-SHA SHA1 export	0x00, 0x08	RSA(512)	RSA	DES-CBC(40)	
EXP-RC2-CBC-MD5 export	0x00, 0x06	RSA(512)	RSA	RC2-CBC(40)	MD5
EXP-RC4-MD5 export	0x00, 0x03	RSA(512)	RSA	RC4(40)	MD5
DES-CBC-SHA SHA1	0x00, 0x09	RSA	RSA	DES-CBC(56)	

The fields above are :

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

## 81606 - SSL/TLS EXPORT\_RSA <= 512-bit Cipher Suites Supported (FREAK)

### Synopsis

The remote host supports a set of weak ciphers.

### Description

The remote host supports EXPORT\_RSA cipher suites with keys less than or equal to 512 bits. An attacker can factor a 512-bit RSA modulus in a short amount of time.

A man-in-the-middle attacker may be able to downgrade the session to use EXPORT\_RSA cipher suites (e.g. CVE-2015-0204). Thus, it is recommended to remove support for weak cipher suites.

### See Also

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

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

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

### Solution

Reconfigure the service to remove support for EXPORT\_RSA cipher suites.

### 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

EXPORT\_RSA cipher suites supported by the remote server :

Low Strength Ciphers (<= 64-bit key)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
EXP-DES-CBC-SHA SHA1 export	0x00, 0x08	RSA(512)	RSA	DES-CBC(40)	
EXP-RC2-CBC-MD5 export	0x00, 0x06	RSA(512)	RSA	RC2-CBC(40)	MD5
EXP-RC4-MD5 export	0x00, 0x03	RSA(512)	RSA	RC4(40)	MD5

The fields above are :

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



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

### Synopsis

It is possible to obtain sensitive information from the remote host with SSL/TLS-enabled services.

### Description

The remote host is affected by a man-in-the-middle (MitM) information disclosure vulnerability known as POODLE. The vulnerability is due to the way SSL 3.0 handles padding bytes when decrypting messages encrypted using block ciphers in cipher block chaining (CBC) mode.

MitM attackers can decrypt a selected byte of a cipher text in as few as 256 tries if they are able to force a victim application to repeatedly send the same data over newly created SSL 3.0 connections.

As long as a client and service both support SSLv3, a connection can be 'rolled back' to SSLv3, even if TLSv1 or newer is supported by the client and service.

The TLS Fallback SCSV mechanism prevents 'version rollback' attacks without impacting legacy clients; however, it can only protect connections when the client and service support the mechanism. Sites that cannot disable SSLv3 immediately should enable this mechanism.

This is a vulnerability in the SSLv3 specification, not in any particular SSL implementation. Disabling SSLv3 is the only way to completely mitigate the vulnerability.

### 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

Disable SSLv3.

Services that must support SSLv3 should enable the TLS Fallback SCSV mechanism until SSLv3 can be disabled.

### 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)

## 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

---

BID	70574
CVE	CVE-2014-3566
XREF	CERT:577193

## Plugin Information

---

Published: 2014/10/15, Modified: 2020/06/12

## Plugin Output

---

tcp/25/smtp

Nessus determined that the remote server supports SSLv3 with at least one CBC cipher suite, indicating that this server is vulnerable.

It appears that TLSv1 or newer is supported on the server. However, the Fallback SCSV mechanism is not supported, allowing connections to be "rolled back" to SSLv3.

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

### Synopsis

---

It is possible to obtain sensitive information from the remote host with SSL/TLS-enabled services.

### Description

---

The remote host is affected by a man-in-the-middle (MitM) information disclosure vulnerability known as POODLE. The vulnerability is due to the way SSL 3.0 handles padding bytes when decrypting messages encrypted using block ciphers in cipher block chaining (CBC) mode.

MitM attackers can decrypt a selected byte of a cipher text in as few as 256 tries if they are able to force a victim application to repeatedly send the same data over newly created SSL 3.0 connections.

As long as a client and service both support SSLv3, a connection can be 'rolled back' to SSLv3, even if TLSv1 or newer is supported by the client and service.

The TLS Fallback SCSV mechanism prevents 'version rollback' attacks without impacting legacy clients; however, it can only protect connections when the client and service support the mechanism. Sites that cannot disable SSLv3 immediately should enable this mechanism.

This is a vulnerability in the SSLv3 specification, not in any particular SSL implementation. Disabling SSLv3 is the only way to completely mitigate the vulnerability.

### 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

---

Disable SSLv3.

Services that must support SSLv3 should enable the TLS Fallback SCSV mechanism until SSLv3 can be disabled.

### 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)

## 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

---

BID	70574
CVE	CVE-2014-3566
XREF	CERT:577193

## Plugin Information

---

Published: 2014/10/15, Modified: 2020/06/12

## Plugin Output

---

tcp/5432/postgresql

Nessus determined that the remote server supports SSLv3 with at least one CBC cipher suite, indicating that this server is vulnerable.

It appears that TLSv1 or newer is supported on the server. However, the Fallback SCSV mechanism is not supported, allowing connections to be "rolled back" to SSLv3.

## 104743 - TLS Version 1.0 Protocol Detection

### Synopsis

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

### Description

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

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

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

### See Also

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

### Solution

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

### Risk Factor

Medium

### CVSS v3.0 Base Score

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

### CVSS 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.
```

## 104743 - TLS Version 1.0 Protocol Detection

### Synopsis

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

### Description

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

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

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

### See Also

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

### Solution

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

### Risk Factor

Medium

### CVSS v3.0 Base Score

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

### CVSS 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/5432/postgresql

```
TLsv1 is enabled and the server supports at least one cipher.
```

## 42263 - Unencrypted Telnet Server

## Synopsis

The remote Telnet server transmits traffic in cleartext.

Description
-------------

The remote host is running a Telnet server over an unencrypted channel.

Using Telnet over an unencrypted channel is not recommended as logins, passwords, and commands are transferred in cleartext. This allows a remote, man-in-the-middle attacker to eavesdrop on a Telnet session to obtain credentials or other sensitive information and to modify traffic exchanged between a client and server.

SSH is preferred over Telnet since it protects credentials from eavesdropping and can tunnel additional data streams such as an X11 session.

### Solution

---

Disable the Telnet service and use SSH instead.

Risk Factor	Impact	Control
1. Lack of industry connections	Reduced sales and market penetration	Networking and strategic partnerships
2. Limited marketing budget	Reduced brand awareness and customer acquisition	Targeted marketing and social media engagement
3. Intense competition	Reduced market share and profitability	Product differentiation and competitive pricing
4. Limited product range	Reduced customer loyalty and repeat business	Product diversification and innovation
5. Limited customer base	Reduced revenue and growth potential	Customer segmentation and targeted outreach
6. Limited financial resources	Reduced operational efficiency and scalability	Cost optimization and financial management
7. Limited marketing channels	Reduced reach and customer engagement	Diversification of marketing channels
8. Limited customer feedback	Reduced product quality and customer satisfaction	Active listening and customer feedback loops
9. Limited brand identity	Reduced brand recognition and loyalty	Consistent branding and messaging
10. Limited customer support	Reduced customer satisfaction and retention	Proactive customer support and training

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

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

### Plugin Information

Published: 2009/10/27, Modified: 2020/06/12

### Plugin Output

tcp/23/telnet

```
Nessus collected the following banner from the remote Telnet server :

----- snip -----
_ _ _ _ _ | _ _ _ _ _ _ _ | _ _ ( _ ) _ _ _ | _ _ | _ _ | _ _ | _ _ \
| ' _ ' \ / _ \ / _ \ ' _ \ | ' _ \ | / _ \ | | _ _ \ ' _ \ | ' _ \ ) | | | | | | | | | | | |
| | | | | _ / | | ( _ \ \ _ ) | ( _ ) | | | | ( | | | ) | | _ / _ \ |
| _ | | | _ \ _ | \ \ \ _ _ / _ _ / | _ \ _ / | _ \ \ \ _ _ / _ _ \ _ _ |
                                     | _ |
Warning: Never expose this VM to an untrusted network!
```

```
Nessus collected the following banner from the remote Telnet server :

----- snip -----
_ _ _ _ _ | _ _ _ _ _ _ _ | _ _ ( _ ) _ _ _ | _ _ | _ _ | _ _ | _ _ \
| ' _ ' \ / _ \ / _ \ ' _ \ | ' _ \ | / _ \ | | _ _ \ ' _ \ | ' _ \ ) | | | | | | | | | | | |
| | | | | _ / | | ( _ \ \ _ ) | ( _ ) | | | | ( | | | ) | | _ / _ \ |
| _ | | | _ \ _ | \ \ \ _ _ / _ _ / | _ \ _ / | _ \ \ \ _ _ / _ _ \ _ _ |
                                     | _ |
Warning: Never expose this VM to an untrusted network!
```

```
Contact: msfdev[at]metasploit.com
Login with msfadmin/msfadmin to get started
metasploitable login:
----- snip -----
```



## 85582 - Web Application Potentially Vulnerable to Clickjacking

### Synopsis

---

The remote web server may fail to mitigate a class of web application vulnerabilities.

### Description

---

The remote web server does not set an X-Frame-Options response header or a Content-Security-Policy 'frame-ancestors' response header in all content responses. This could potentially expose the site to a clickjacking or UI redress attack, in which an attacker can trick a user into clicking an area of the vulnerable page that is different than what the user perceives the page to be. This can result in a user performing fraudulent or malicious transactions.

X-Frame-Options has been proposed by Microsoft as a way to mitigate clickjacking attacks and is currently supported by all major browser vendors.

Content-Security-Policy (CSP) has been proposed by the W3C Web Application Security Working Group, with increasing support among all major browser vendors, as a way to mitigate clickjacking and other attacks. The 'frame-ancestors' policy directive restricts which sources can embed the protected resource.

Note that while the X-Frame-Options and Content-Security-Policy response headers are not the only mitigations for clickjacking, they are currently the most reliable methods that can be detected through automation. Therefore, this plugin may produce false positives if other mitigation strategies (e.g., frame-busting JavaScript) are deployed or if the page does not perform any security-sensitive transactions.

### See Also

---

<http://www.nessus.org/u?399b1f56>

[https://www.owasp.org/index.php/Clickjacking\\_Defense\\_Cheat\\_Sheet](https://www.owasp.org/index.php/Clickjacking_Defense_Cheat_Sheet)

<https://en.wikipedia.org/wiki/Clickjacking>

### Solution

---

Return the X-Frame-Options or Content-Security-Policy (with the 'frame-ancestors' directive) HTTP header with the page's response.

This prevents the page's content from being rendered by another site when using the frame or iframe HTML tags.

### Risk Factor

---

Medium

### CVSS v2.0 Base Score

---

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

### References

---

XREF           CWE:693

## Plugin Information

---

Published: 2015/08/22, Modified: 2017/05/16

## Plugin Output

---

tcp/80/www

The following pages do not use a clickjacking mitigation response header and contain a clickable event :

- <http://192.168.21.128/dvwa/login.php>
- <http://192.168.21.128/mutillidae/>
- <http://192.168.21.128/mutillidae/index.php>
- <http://192.168.21.128/phpMyAdmin/>
- <http://192.168.21.128/phpMyAdmin/index.php>
- <http://192.168.21.128/twiki/bin/search>
- <http://192.168.21.128/twiki/bin/search/Main>
- <http://192.168.21.128/twiki/bin/search/Main/SearchResult>
- <http://192.168.21.128/twiki/bin/view>
- <http://192.168.21.128/twiki/bin/view/Main>
- <http://192.168.21.128/twiki/bin/view/Main/WebHome>

## 85582 - Web Application Potentially Vulnerable to Clickjacking

### Synopsis

The remote web server may fail to mitigate a class of web application vulnerabilities.

### Description

The remote web server does not set an X-Frame-Options response header or a Content-Security-Policy 'frame-ancestors' response header in all content responses. This could potentially expose the site to a clickjacking or UI redress attack, in which an attacker can trick a user into clicking an area of the vulnerable page that is different than what the user perceives the page to be. This can result in a user performing fraudulent or malicious transactions.

X-Frame-Options has been proposed by Microsoft as a way to mitigate clickjacking attacks and is currently supported by all major browser vendors.

Content-Security-Policy (CSP) has been proposed by the W3C Web Application Security Working Group, with increasing support among all major browser vendors, as a way to mitigate clickjacking and other attacks. The 'frame-ancestors' policy directive restricts which sources can embed the protected resource.

Note that while the X-Frame-Options and Content-Security-Policy response headers are not the only mitigations for clickjacking, they are currently the most reliable methods that can be detected through automation. Therefore, this plugin may produce false positives if other mitigation strategies (e.g., frame-busting JavaScript) are deployed or if the page does not perform any security-sensitive transactions.

### See Also

<http://www.nessus.org/u?399b1f56>

[https://www.owasp.org/index.php/Clickjacking\\_Defense\\_Cheat\\_Sheet](https://www.owasp.org/index.php/Clickjacking_Defense_Cheat_Sheet)

<https://en.wikipedia.org/wiki/Clickjacking>

### Solution

Return the X-Frame-Options or Content-Security-Policy (with the 'frame-ancestors' directive) HTTP header with the page's response.

This prevents the page's content from being rendered by another site when using the frame or iframe HTML tags.

### Risk Factor

Medium

### CVSS v2.0 Base Score

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

### References

XREF           CWE:693

## Plugin Information

---

Published: 2015/08/22, Modified: 2017/05/16

## Plugin Output

---

tcp/8180/www

The following pages do not use a clickjacking mitigation response header and contain a clickable event :

- <http://192.168.21.128:8180/admin/>
- <http://192.168.21.128:8180/admin/error.jsp>
- <http://192.168.21.128:8180/jsp-examples/cal/login.html>
- <http://192.168.21.128:8180/jsp-examples/checkbox/check.html>
- <http://192.168.21.128:8180/jsp-examples/colors/colors.html>
- <http://192.168.21.128:8180/jsp-examples/colors/colrs.jsp>
- <http://192.168.21.128:8180/jsp-examples/error/err.jsp>
- <http://192.168.21.128:8180/jsp-examples/error/error.html>
- <http://192.168.21.128:8180/jsp-examples/jsp2/el/functions.jsp>
- <http://192.168.21.128:8180/jsp-examples/jsp2/el/implicit-objects.jsp>
- <http://192.168.21.128:8180/jsp-examples/num/numguess.jsp>
- <http://192.168.21.128:8180/jsp-examples/plugin/plugin.jsp>
- <http://192.168.21.128:8180/jsp-examples/sessions/carts.html>
- <http://192.168.21.128:8180/jsp-examples/sessions/carts.jsp>
- <http://192.168.21.128:8180/servlets-examples/servlet/CookieExample>
- <http://192.168.21.128:8180/servlets-examples/servlet/RequestParamExample>
- <http://192.168.21.128:8180/servlets-examples/servlet/SessionExample>

## 11229 - Web Server info.php / phpinfo.php Detection

### Synopsis

The remote web server contains a PHP script that is prone to an information disclosure attack.

### Description

Many PHP installation tutorials instruct the user to create a PHP file that calls the PHP function 'phpinfo()' for debugging purposes. Various PHP applications may also include such a file. By accessing such a file, a remote attacker can discover a large amount of information about the remote web server, including :

- The username of the user who installed PHP and if they are a SUDO user.
- The IP address of the host.
- The version of the operating system.
- The web server version.
- The root directory of the web server.
- Configuration information about the remote PHP installation.

### Solution

Remove the affected file(s).

### 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

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

### Plugin Information

Published: 2003/02/12, Modified: 2021/02/15

### Plugin Output

tcp/80/www

Nessus discovered the following URLs that call phpinfo() :

- <http://192.168.21.128/phpinfo.php>

- <http://192.168.21.128/mutillidae/phpinfo.php>

## 70658 - SSH Server CBC Mode Ciphers Enabled

### Synopsis

The SSH server is configured to use Cipher Block Chaining.

### Description

The SSH server is configured to support Cipher Block Chaining (CBC) encryption. This may allow an attacker to recover the plaintext message from the ciphertext.

Note that this plugin only checks for the options of the SSH server and does not check for vulnerable software versions.

### Solution

Contact the vendor or consult product documentation to disable CBC mode cipher encryption, and enable CTR or GCM cipher mode encryption.

### 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 :
```

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

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

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



## 153953 - SSH Weak Key Exchange Algorithms Enabled

### Synopsis

The remote SSH server is configured to allow weak key exchange algorithms.

### Description

The remote SSH server is configured to allow key exchange algorithms which are considered weak.

This is based on the IETF draft document Key Exchange (KEX) Method Updates and Recommendations for Secure Shell (SSH) draft-ietf-curdle-ssh-kex-sha2-20. Section 4 lists guidance on key exchange algorithms that SHOULD NOT and MUST NOT be enabled. This includes:

diffie-hellman-group-exchange-sha1

diffie-hellman-group1-sha1

gss-gex-sha1-\*

gss-group1-sha1-\*

gss-group14-sha1-\*

rsa1024-sha1

Note that this plugin only checks for the options of the SSH server, and it does not check for vulnerable software versions.

### See Also

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

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

### Solution

Contact the vendor or consult product documentation to disable the weak algorithms.

### 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

192.168.21.128

## Plugin Output

---

tcp/22/ssh

The following weak key exchange algorithms are enabled :

```
diffie-hellman-group-exchange-sha1  
diffie-hellman-group1-sha1
```

## 71049 - SSH Weak MAC Algorithms Enabled

### Synopsis

The remote SSH server is configured to allow MD5 and 96-bit MAC algorithms.

### Description

The remote SSH server is configured to allow either MD5 or 96-bit MAC algorithms, both of which are considered weak.

Note that this plugin only checks for the options of the SSH server, and it does not check for vulnerable software versions.

### Solution

Contact the vendor or consult product documentation to disable MD5 and 96-bit MAC algorithms.

### 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

The remote host supports a set of weak ciphers.

### Description

The remote host supports EXPORT\_DHE cipher suites with keys less than or equal to 512 bits. Through cryptanalysis, a third party can find the shared secret in a short amount of time.

A man-in-the-middle attacker may be able to downgrade the session to use EXPORT\_DHE cipher suites. Thus, it is recommended to remove support for weak cipher suites.

### See Also

<https://weakdh.org/>

### Solution

Reconfigure the service to remove support for EXPORT\_DHE cipher suites.

### 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

## Plugin Output

tcp/25/smtp

EXPORT\_DHE cipher suites supported by the remote server :

Low Strength Ciphers (<= 64-bit key)

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

The fields above are :

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

## 42057 - Web Server Allows Password Auto-Completion

### Synopsis

The 'autocomplete' attribute is not disabled on password fields.

### Description

The remote web server contains at least one HTML form field that has an input of type 'password' where 'autocomplete' is not set to 'off'.

While this does not represent a risk to this web server per se, it does mean that users who use the affected forms may have their credentials saved in their browsers, which could in turn lead to a loss of confidentiality if any of them use a shared host or if their machine is compromised at some point.

### Solution

Add the attribute 'autocomplete=off' to these fields to prevent browsers from caching credentials.

### Risk Factor

Low

### Plugin Information

Published: 2009/10/07, Modified: 2021/11/30

### Plugin Output

tcp/80/www

```
Page : /phpMyAdmin/  
Destination Page: /phpMyAdmin/index.php  
  
Page : /phpMyAdmin/index.php  
Destination Page: /phpMyAdmin/index.php
```

## 42057 - Web Server Allows Password Auto-Completion

### Synopsis

The 'autocomplete' attribute is not disabled on password fields.

### Description

The remote web server contains at least one HTML form field that has an input of type 'password' where 'autocomplete' is not set to 'off'.

While this does not represent a risk to this web server per se, it does mean that users who use the affected forms may have their credentials saved in their browsers, which could in turn lead to a loss of confidentiality if any of them use a shared host or if their machine is compromised at some point.

### Solution

Add the attribute 'autocomplete=off' to these fields to prevent browsers from caching credentials.

### Risk Factor

Low

### Plugin Information

Published: 2009/10/07, Modified: 2021/11/30

### Plugin Output

tcp/8180/www

```
Page : /admin/  
Destination Page: /admin/j_security_check  
  
Page : /admin/error.jsp  
Destination Page: /admin/j_security_check
```

## 26194 - Web Server Transmits Cleartext Credentials

### Synopsis

The remote web server might transmit credentials in cleartext.

### Description

The remote web server contains several HTML form fields containing an input of type 'password' which transmit their information to a remote web server in cleartext.

An attacker eavesdropping the traffic between web browser and server may obtain logins and passwords of valid users.

### Solution

Make sure that every sensitive form transmits content over HTTPS.

### Risk Factor

Low

### CVSS v2.0 Base Score

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

### References

XREF	CWE:522
XREF	CWE:523
XREF	CWE:718
XREF	CWE:724
XREF	CWE:928
XREF	CWE:930

### Plugin Information

Published: 2007/09/28, Modified: 2016/11/29

### Plugin Output

tcp/80/www

```
Page : /phpMyAdmin/  
Destination Page: /phpMyAdmin/index.php  
  
Page : /phpMyAdmin/index.php  
Destination Page: /phpMyAdmin/index.php  
  
Page : /dvwa/login.php
```



Destination Page: /dvwa/login.php

## 26194 - Web Server Transmits Cleartext Credentials

### Synopsis

The remote web server might transmit credentials in cleartext.

### Description

The remote web server contains several HTML form fields containing an input of type 'password' which transmit their information to a remote web server in cleartext.

An attacker eavesdropping the traffic between web browser and server may obtain logins and passwords of valid users.

### Solution

Make sure that every sensitive form transmits content over HTTPS.

### Risk Factor

Low

### CVSS v2.0 Base Score

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

### References

XREF	CWE:522
XREF	CWE:523
XREF	CWE:718
XREF	CWE:724
XREF	CWE:928
XREF	CWE:930

### Plugin Information

Published: 2007/09/28, Modified: 2016/11/29

### Plugin Output

tcp/8180/www

```
Page : /admin/  
Destination Page: /admin/j_security_check  
  
Page : /admin/error.jsp  
Destination Page: /admin/j_security_check
```



## 34850 - Web Server Uses Basic Authentication Without HTTPS

### Synopsis

The remote web server seems to transmit credentials in cleartext.

### Description

The remote web server contains web pages that are protected by 'Basic' authentication over cleartext.

An attacker eavesdropping the traffic might obtain logins and passwords of valid users.

### Solution

Make sure that HTTP authentication is transmitted over HTTPS.

### Risk Factor

Low

### CVSS v2.0 Base Score

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

### References

XREF	CWE:319
XREF	CWE:928
XREF	CWE:930
XREF	CWE:934

### Plugin Information

Published: 2008/11/21, Modified: 2016/11/29

### Plugin Output

tcp/8180/www

```
The following web pages use Basic Authentication over an unencrypted channel :
```

```
/host-manager/html:/ realm="Tomcat Host Manager Application"  
/manager/html:/ realm="Tomcat Manager Application"  
/manager/status:/ realm="Tomcat Manager Application"
```

## 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.

n/a

### Risk Factor

None

### Plugin Information

Published: 2005/05/15, Modified: 2019/10/01

### 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: 2020/09/22

### Plugin Output

tcp/80/www

```
URL      : http://192.168.21.128/
Version  : 2.2.99
backported : 1
modules  : DAV/2
os       : ConvertedUbuntu
```

## 39446 - Apache Tomcat Detection

### Synopsis

The remote web server is an Apache Tomcat server.

### Description

Nessus was able to detect a remote Apache Tomcat web server.

### See Also

<https://tomcat.apache.org/>

### Solution

n/a

### Risk Factor

None

### References

XREF IAVT:0001-T-0535

### Plugin Information

Published: 2009/06/18, Modified: 2020/09/22

### Plugin Output

tcp/8180/www

```
URL      : http://192.168.21.128:8180/
Version  : 5.5
backported : 0
source    : Apache Tomcat/5.5
```

## 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](https://access.redhat.com/security/updates/backporting/?sc_cid=3093)

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2015/07/07, Modified: 2015/07/07

### Plugin Output

tcp/80/www

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



## 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: 2020/09/22

### Plugin Output

udp/53/dns

```
Version : 9.4.2
```

### Synopsis

---

The remote DNS resolver is DNSSEC-aware.

### Description

---

The remote DNS resolver accepts DNSSEC options. This means that it may verify the authenticity of DNSSEC protected zones if it is configured to trust their keys.

### Solution

---

n/a

### Risk Factor

---

None

### Plugin Information

---

Published: 2009/01/15, Modified: 2013/11/21

### Plugin Output

---

udp/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](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](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
```

## 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 :

00:0C:29:F0:2D:8B : VMware, Inc.

## 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:  
- 00:0C:29:F0:2D:8B
```



## 49704 - External URLs

### Synopsis

Links to external sites were gathered.

### Description

Nessus gathered HREF links to external sites by crawling the remote web server.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2010/10/04, Modified: 2011/08/19

### Plugin Output

tcp/80/www

```
104 external URLs were gathered on this web server :
URL... - Seen on...

http://TWiki.org/ - /twiki/bin/view/Main/WebHome
http://TWiki.org/cgi-bin/view/Main/TWikiAdminGroup - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/Main/TWikiUsers - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/AlWilliams - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/AndreaSterbini - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/BookView - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/ChangePassword - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/ChristopheVermeulen - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/ColasNahaboo - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/CrisBailiff - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/DavidWarman - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/DontNotify - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/FileAttachment - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/FormattedSearch - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/HaroldGottschalk - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/InterwikiPlugin - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/JohnAltstadt - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/JohnTalintyre - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/KevinKinnell - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/KlausWriessnegger - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/ManagingTopics - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/ManagingWebs - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/ManpreetSingh - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/NewUserTemplate - /twiki/TWikiHistory.html
http://TWiki.org/cgi-bin/view/TWiki/NicholasLee - /twiki/TWikiHistory.html
http://TWiki.org/cgi- [...]
```



## Synopsis

Links to external sites were gathered.

## Description

Nessus gathered HREF links to external sites by crawling the remote web server.

## Solution

n/a

## Risk Factor

None

## Plugin Information

Published: 2010/10/04, Modified: 2011/08/19

## Plugin Output

tcp/8180/www

```
112 external URLs were gathered on this web server :
URL... - Seen on...

http://192.168.21.128:8180/admin/error.jsp - /admin/j_security_check
http://192.168.21.128:8180/admin/login.jsp - /admin/
http://ant.apache.org - /tomcat-docs/manager-howto.html
http://ant.apache.org/bindownload.cgi - /tomcat-docs/building.html
http://apache.apache.org/ - /tomcat-docs/appdev/index.html
http://apr.apache.org/ - /tomcat-docs/apr.html
http://httpd.apache.org/docs/2.2/mod/mod_proxy_ajp.html - /tomcat-docs/config/ajp.html
http://httpd.apache.org/docs/2.2/mod/mod_ssl.html#sslcertificatefile - /tomcat-docs/apr.html
http://httpd.apache.org/docs/2.2/mod/mod_ssl.html#sslcertificatepath - /tomcat-docs/apr.html
http://httpd.apache.org/docs/2.2/mod/mod_ssl.html#sslcarevocationfile - /tomcat-docs/apr.html
http://httpd.apache.org/docs/2.2/mod/mod_ssl.html#sslcarevocationpath - /tomcat-docs/apr.html
http://httpd.apache.org/docs/2.2/mod/mod_ssl.html#sslcertificatechainfile - /tomcat-docs/apr.html
http://httpd.apache.org/docs/howto/ssi.html#basicssidirectives - /tomcat-docs/ssi-howto.html
http://issues.apache.org/bugzilla/buglist.cgi?
bug_status=UNCONFIRMED&bug_status=NEW&bug_status=ASSIGNED&bug_status=REOPENED&bug_status=RESOLVED&resolution=LATER
&bugidtype=include&product=Tomcat+5&cmdtype=doit&order=Importance - /
http://issues.apache.org/bugzilla/show_bug.cgi?id=22679 - /tomcat-docs/ssl-howto.html
http://issues.apache.org/bugzilla/show_bug.cgi?id=34643 - /tomcat-docs/ssl-howto.html
http://issues.apache.org/bugzilla/show_bug.cgi?id=37668 - /tomcat-docs/config/context.html
http://issues.apache.org/bugzilla/show_bug.cgi?id=38217 - /tomcat-docs/ssl-howto.html
http://issues.apache.org/bugzilla/show_bug.cgi?id=39013 - /tomcat-docs/config/context.html
http://jakarta.apache.org/commons - /tomcat-docs/jndi-resources-howto.html
http://jakarta.apache.org/commons/dbcp/configuration.html - /tomcat-docs/jndi-datasource-examples
[...]
```

## 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)
```

## 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/2121/ftp

```
The remote FTP banner is :  
220 ProFTPD 1.3.1 Server (Debian) [::ffff:192.168.21.128]
```

## 43111 - HTTP Methods Allowed (per directory)

### Synopsis

This plugin determines which HTTP methods are allowed on various CGI directories.

### Description

By calling the OPTIONS method, it is possible to determine which HTTP methods are allowed on each directory.

The following HTTP methods are considered insecure:

PUT, DELETE, CONNECT, TRACE, HEAD

Many frameworks and languages treat 'HEAD' as a 'GET' request, albeit one without any body in the response. If a security constraint was set on 'GET' requests such that only 'authenticatedUsers' could access GET requests for a particular servlet or resource, it would be bypassed for the 'HEAD' version. This allowed unauthorized blind submission of any privileged GET request.

As this list may be incomplete, the plugin also tests - if 'Thorough tests' are enabled or 'Enable web applications tests' is set to 'yes'

in the scan policy - various known HTTP methods on each directory and considers them as unsupported if it receives a response code of 400, 403, 405, or 501.

Note that the plugin output is only informational and does not necessarily indicate the presence of any security vulnerabilities.

### See Also

<http://www.nessus.org/u?d9c03a9a>

<http://www.nessus.org/u?b019cbdb>

[https://www.owasp.org/index.php/Test\\_HTTP\\_Methods\\_\(OTG-CONFIG-006\)](https://www.owasp.org/index.php/Test_HTTP_Methods_(OTG-CONFIG-006))

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2009/12/10, Modified: 2019/03/19

### Plugin Output

tcp/80/www

Based on the response to an OPTIONS request :

- HTTP methods COPY DELETE GET HEAD LOCK MOVE OPTIONS POST PROPFIND PROPPATCH TRACE UNLOCK are allowed on :

/dav

- HTTP methods GET HEAD OPTIONS POST TRACE are allowed on :

/doc  
/dvwa/dvwa  
/dvwa/dvwa/css  
/dvwa/dvwa/images  
/dvwa/dvwa/includes  
/dvwa/dvwa/includes/DBMS  
/dvwa/dvwa/js  
/icons  
/mutillidae/documentation  
/mutillidae/styles  
/mutillidae/styles/ddsmoothmenu  
/test  
/test/testoutput  
/twiki

Based on tests of each method :

- HTTP methods ACL BASELINE-CONTROL BCOPY BDELETE BMOVE BPROPFIND BPROPPATCH CHECKIN CHECKOUT COPY DEBUG DELETE GET HEAD INDEX LABEL LOCK MERGE MKACTION MKCOL MKWORKSPACE MOVE NOTIFY OPTIONS ORDERPATCH PATCH POLL POST PROPFIND PROPPATCH PUT REPORT RPC\_IN\_DATA RPC\_OUT\_DATA SEARCH SUBSCRIBE TRACE UNCHECKOUT UNLOCK UNSUBSCRIBE UPDATE VERSION-CONTROL X-MS-ENUMATTS are allowed on :

/cgi-bin  
/twiki/bin

- HTTP methods COPY DELETE GET HEAD MKCOL MKWORKSPACE MOVE NOTIFY OPTIONS ORDERPATCH PATCH POLL POST PROPFIND PROPPATCH PUT REPORT RPC\_IN\_DATA RPC\_OUT\_DATA SEARCH SUBSCRIBE TRACE UNCHECKOUT UNLOCK UNSUBSCRIBE UPDATE VERSION-CONTROL X-MS-ENUMATTS are allowed on :

/dav

- HTTP methods GET HEAD OPTIONS POST TRACE are allowed on :

/  
/doc  
/dvwa  
/dvwa/dvwa  
/dvwa/dvwa/css  
/dvwa/dvwa/images  
/dvwa/dvwa/includes  
/dvwa/dvwa/includes/DBMS  
/dvwa/dvwa/js  
/icons  
/mutillidae  
/mutillidae/documentation  
/mutillidae/styles  
/mutillidae/styles/ddsmoothmenu  
/phpMyAdmin  
/test  
/test/testoutput  
/twiki

- Invalid/unknown HTTP methods are allowed on :

/cgi-bin  
/dav





## 43111 - HTTP Methods Allowed (per directory)

### Synopsis

This plugin determines which HTTP methods are allowed on various CGI directories.

### Description

By calling the OPTIONS method, it is possible to determine which HTTP methods are allowed on each directory.

The following HTTP methods are considered insecure:

PUT, DELETE, CONNECT, TRACE, HEAD

Many frameworks and languages treat 'HEAD' as a 'GET' request, albeit one without any body in the response. If a security constraint was set on 'GET' requests such that only 'authenticatedUsers' could access GET requests for a particular servlet or resource, it would be bypassed for the 'HEAD' version. This allowed unauthorized blind submission of any privileged GET request.

As this list may be incomplete, the plugin also tests - if 'Thorough tests' are enabled or 'Enable web applications tests' is set to 'yes'

in the scan policy - various known HTTP methods on each directory and considers them as unsupported if it receives a response code of 400, 403, 405, or 501.

Note that the plugin output is only informational and does not necessarily indicate the presence of any security vulnerabilities.

### See Also

<http://www.nessus.org/u?d9c03a9a>

<http://www.nessus.org/u?b019cbdb>

[https://www.owasp.org/index.php/Test\\_HTTP\\_Methods\\_\(OTG-CONFIG-006\)](https://www.owasp.org/index.php/Test_HTTP_Methods_(OTG-CONFIG-006))

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2009/12/10, Modified: 2019/03/19

### Plugin Output

tcp/8180/www

Based on the response to an OPTIONS request :

- HTTP methods DELETE HEAD OPTIONS POST PUT TRACE GET are allowed on :

```
/admin/error.jsp
/host-manager
/jsp-examples
/jsp-examples/cal
/jsp-examples/checkbox
/jsp-examples/colors
/jsp-examples/dates
/jsp-examples/error
/jsp-examples/forward
/jsp-examples/include
/jsp-examples/jsp2
/jsp-examples/jsp2/el
/jsp-examples/jsp2/jspattribute
/jsp-examples/jsp2/jsp
/jsp-examples/jsp2/misc
/servlets-examples
```

Based on tests of each method :

- HTTP methods GET HEAD OPTIONS POST are allowed on :

```
/
/admin
/admin/error.jsp
/host-manager
/jsp-examples
/jsp-examples/cal
/jsp-examples/checkbox
/jsp-examples/colors
/jsp-examples/dates
/jsp-examples/error
/jsp-examples/forward
/jsp-examples/include
/jsp-examples/jsp2
/jsp-examples/jsp2/el
/jsp-examples/jsp2/jspattribute
/jsp-examples/jsp2/jsp
/jsp-examples/jsp2/misc
/servlets-examples
```

## 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
```

## 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/8180/www

```
The remote web server type is :  
Apache-Coyote/1.1
```

## 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

Risk Factor	Impact	Control
1. Lack of industry connections	Reduced sales and market reach	Networking and strategic partnerships
2. Limited marketing budget	Low brand awareness	Targeted digital marketing and social media
3. Inconsistent product quality	Customer dissatisfaction and returns	Strict quality control and supplier management
4. Overdependence on a single market	Vulnerability to market fluctuations	Diversification into new markets
5. Poor timing of product launch	Missed market opportunities	Market research and timing analysis
6. Limited cash flow	Operational challenges and delays	Financial planning and cost management
7. Inadequate legal and regulatory knowledge	Legal disputes and compliance issues	Consulting with legal and regulatory experts
8. Limited customer feedback loop	Missed opportunities for improvement	Active customer engagement and surveys
9. Poor inventory management	Stockouts and excess inventory	Efficient inventory tracking and forecasting
10. Limited scalability of operations	Slow growth and missed opportunities	Investment in scalable infrastructure and technology

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: Sat, 19 Mar 2022 14:21:50 GMT
Server: Apache/2.2.8 (Ubuntu) DAV/2
X-Powered-By: PHP/5.2.4-2ubuntu5.10
Content-Length: 891
Keep-Alive: timeout=15, max=100
Connection: Keep-Alive
Content-Type: text/html
```

Response Body :

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

Warning: Never expose this VM to an untrusted network!

Contact: msfdev[at]metasploit.com

Login with msfadmin/msfadmin to get started

```
</pre>
<ul>
<li><a href="/twiki/">TWiki</a></li>
<li><a href="/phpMyAdmin/">phpMyAdmin</a></li>
<li><a href="/mutillidae/">Mutillidae</a></li>
<li><a href="/dvwa/">DVWA</a></li>
<li><a href="/dav/">WebDAV</a></li>
</ul>
</body>
</html>
```

## 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/8180/www

```
Response Code : HTTP/1.1 200 OK
```

```
Protocol version : HTTP/1.1
```

```
SSL : no
```

```
Keep-Alive : no
```

```
Options allowed : GET, HEAD, POST, PUT, DELETE, TRACE, OPTIONS
```

```
Headers :
```

```
    Server: Apache-Coyote/1.1
```

```
    Content-Type: text/html; charset=ISO-8859-1
```

```
    Date: Sat, 19 Mar 2022 14:21:50 GMT
```

```
    Connection: close
```

```
Response Body :
```

```
<!--
```

```
Licensed to the Apache Software Foundation (ASF) under one or more  
contributor license agreements. See the NOTICE file distributed with  
this work for additional information regarding copyright ownership.  
The ASF licenses this file to You under the Apache License, Version 2.0  
(the "License"); you may not use this file except in compliance with  
the License. You may obtain a copy of the License at
```

```
    http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,
```

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

```
-->
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
  <head>
    <title>Apache Tomcat/5.5</title>
    <style type="text/css">
      /**/
        body {
          color: #000000;
          background-color: #FFFFFF;
          font-family: Arial, "Times New Roman", Times, serif;
          margin: 10px 0px;
        }

        img {
          border: none;
        }

        a:link, a:visited {
          color: blue
        }

        th {
          font-family: Verdana, "Times New Roman", Times, serif;
          font-size: 110%;
          font-weight: normal;
          font-style: italic;
          background: #D2A41C;
          text-align: left;
        }

        td {
          color: #000000;
          font-family: Arial, Helvetica, sans-serif;
        }

        td.menu {
          background: #FFDC75;
        }

        .center [...]</pre></div><div data-bbox="87 937 187 952" data-label="Page-Footer"><p>192.168.21.128</p></div><div data-bbox="877 937 910 952" data-label="Page-Footer"><p>128</p></div>
```



## 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 8 seconds.
```

## 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]
```

## 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/6697/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 Disclosure

### Synopsis

---

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

### Description

---

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

## 50344 - Missing or Permissive Content-Security-Policy frame-ancestors HTTP Response Header

### Synopsis

The remote web server does not take steps to mitigate a class of web application vulnerabilities.

### Description

The remote web server in some responses sets a permissive Content-Security-Policy (CSP) frame-ancestors response header or does not set one at all.

The CSP frame-ancestors header has been proposed by the W3C Web Application Security Working Group as a way to mitigate cross-site scripting and clickjacking attacks.

### See Also

<http://www.nessus.org/u?55aa8f57>

<http://www.nessus.org/u?07cc2a06>

<https://content-security-policy.com/>

<https://www.w3.org/TR/CSP2/>

### Solution

Set a non-permissive Content-Security-Policy frame-ancestors header for all requested resources.

### Risk Factor

None

### Plugin Information

Published: 2010/10/26, Modified: 2021/01/19

### Plugin Output

tcp/80/www

The following pages do not set a Content-Security-Policy frame-ancestors response header or set a permissive policy:

- <http://192.168.21.128/>
- <http://192.168.21.128/dav/>
- <http://192.168.21.128/dvwa/dvwa/>
- <http://192.168.21.128/dvwa/dvwa/css/>
- <http://192.168.21.128/dvwa/dvwa/images/>
- <http://192.168.21.128/dvwa/dvwa/includes/>
- <http://192.168.21.128/dvwa/dvwa/includes/DBMS/>
- <http://192.168.21.128/dvwa/dvwa/includes/DBMS/DBMS.php>
- <http://192.168.21.128/dvwa/dvwa/includes/DBMS/MySQL.php>
- <http://192.168.21.128/dvwa/dvwa/includes/dvwaPage.inc.php>
- <http://192.168.21.128/dvwa/dvwa/includes/dvwaPhpIds.inc.php>

```
- http://192.168.21.128/dvwa/dvwa/js/
- http://192.168.21.128/dvwa/login.php
- http://192.168.21.128/mutillidae/
- http://192.168.21.128/mutillidae/documentation/
- http://192.168.21.128/mutillidae/documentation/how-to-access-Mutillidae-over-Virtual-Box-
network.php
- http://192.168.21.128/mutillidae/documentation/vulnerabilities.php
- http://192.168.21.128/mutillidae/framer.html
- http://192.168.21.128/mutillidae/index.php
- http://192.168.21.128/mutillidae/set-up-database.php
- http://192.168.21.128/mutillidae/styles/
- http://192.168.21.128/mutillidae/styles/ddsmoothmenu/
- http://192.168.21.128/phpMyAdmin/
- http://192.168.21.128/phpMyAdmin/index.php
- http://192.168.21.128/test/
- http://192.168.21.128/test/testoutput/
- http://192.168.21.128/twiki/
- http://192.168.21.128/twiki/TWikiHistory.html
- http://192.168.21.128/twiki/bin/oops
- http://192.168.21.128/twiki/bin/oops/Main
- http://192.168.21.128/twiki/bin/oops/Main/WebHomemailto%3Awebmasteryour
- http://192.168.21.128/twiki/bin/oops/Main/WebHomemailto%3Awebmasteryour/company
- http://192.168.21.128/twiki/bin/search
- http://192.168.21.128/twiki/bin/search/Main
- http://192.168.21.128/twiki/bin/search/Main/SearchResult
- http://192.168.21.128/twiki/bin/view
- http://192.168.21.128/twiki/bin/view/Main
- http://192.168.21.128/twiki/bin/view/Main/WebHome
```

## 50344 - Missing or Permissive Content-Security-Policy frame-ancestors HTTP Response Header

### Synopsis

The remote web server does not take steps to mitigate a class of web application vulnerabilities.

### Description

The remote web server in some responses sets a permissive Content-Security-Policy (CSP) frame-ancestors response header or does not set one at all.

The CSP frame-ancestors header has been proposed by the W3C Web Application Security Working Group as a way to mitigate cross-site scripting and clickjacking attacks.

### See Also

<http://www.nessus.org/u?55aa8f57>

<http://www.nessus.org/u?07cc2a06>

<https://content-security-policy.com/>

<https://www.w3.org/TR/CSP2/>

### Solution

Set a non-permissive Content-Security-Policy frame-ancestors header for all requested resources.

### Risk Factor

None

### Plugin Information

Published: 2010/10/26, Modified: 2021/01/19

### Plugin Output

tcp/8180/www

The following pages do not set a Content-Security-Policy frame-ancestors response header or set a permissive policy:

- <http://192.168.21.128:8180/>
- <http://192.168.21.128:8180/admin/>
- <http://192.168.21.128:8180/admin/error.jsp>
- [http://192.168.21.128:8180/admin/j\\_security\\_check](http://192.168.21.128:8180/admin/j_security_check)
- <http://192.168.21.128:8180/jsp-examples/>
- <http://192.168.21.128:8180/jsp-examples/cal/Entries.java.html>
- <http://192.168.21.128:8180/jsp-examples/cal/Entry.java.html>
- <http://192.168.21.128:8180/jsp-examples/cal/TableBean.java.html>
- <http://192.168.21.128:8180/jsp-examples/cal/cal1.jsp>
- <http://192.168.21.128:8180/jsp-examples/cal/cal1.jsp.html>
- <http://192.168.21.128:8180/jsp-examples/cal/cal2.jsp.html>

```
- http://192.168.21.128:8180/jsp-examples/cal/calendar.html
- http://192.168.21.128:8180/jsp-examples/cal/login.html
- http://192.168.21.128:8180/jsp-examples/checkbox/CheckTest.html
- http://192.168.21.128:8180/jsp-examples/checkbox/check.html
- http://192.168.21.128:8180/jsp-examples/checkbox/checkresult.jsp
- http://192.168.21.128:8180/jsp-examples/checkbox/checkresult.jsp.html
- http://192.168.21.128:8180/jsp-examples/checkbox/cresult.html
- http://192.168.21.128:8180/jsp-examples/colors/ColorGameBean.html
- http://192.168.21.128:8180/jsp-examples/colors/clr.html
- http://192.168.21.128:8180/jsp-examples/colors/colors.html
- http://192.168.21.128:8180/jsp-examples/colors/colrs.jsp
- http://192.168.21.128:8180/jsp-examples/colors/colrs.jsp.html
- http://192.168.21.128:8180/jsp-examples/dates/date.html
- http://192.168.21.128:8180/jsp-examples/dates/date.jsp
- http://192.168.21.128:8180/jsp-examples/dates/date.jsp.html
- http://192.168.21.128:8180/jsp-examples/error/er.html
- http://192.168.21.128:8180/jsp-examples/error/err.jsp
- http://192.168.21.128:8180/jsp-examples/error/err.jsp.html
- http://192.168.21.128:8180/jsp-examples/error/error.html
- http://192.168.21.128:8180/jsp-examples/forward/forward.jsp
- http://192.168.21.128:8180/jsp-examples/forward/forward.jsp.ht [...]
```

## 50345 - Missing or Permissive X-Frame-Options HTTP Response Header

### Synopsis

The remote web server does not take steps to mitigate a class of web application vulnerabilities.

### Description

The remote web server in some responses sets a permissive X-Frame-Options response header or does not set one at all.

The X-Frame-Options header has been proposed by Microsoft as a way to mitigate clickjacking attacks and is currently supported by all major browser vendors

### See Also

<https://en.wikipedia.org/wiki/Clickjacking>

<http://www.nessus.org/u?399b1f56>

### Solution

Set a properly configured X-Frame-Options header for all requested resources.

### Risk Factor

None

### Plugin Information

Published: 2010/10/26, Modified: 2021/01/19

### Plugin Output

tcp/80/www

The following pages do not set a X-Frame-Options response header or set a permissive policy:

- http://192.168.21.128/
- http://192.168.21.128/dav/
- http://192.168.21.128/dvwa/dvwa/
- http://192.168.21.128/dvwa/dvwa/css/
- http://192.168.21.128/dvwa/dvwa/images/
- http://192.168.21.128/dvwa/dvwa/includes/
- http://192.168.21.128/dvwa/dvwa/includes/DBMS/
- http://192.168.21.128/dvwa/dvwa/includes/DBMS/DBMS.php
- http://192.168.21.128/dvwa/dvwa/includes/DBMS/MySQL.php
- http://192.168.21.128/dvwa/dvwa/includes/dvwaPage.inc.php
- http://192.168.21.128/dvwa/dvwa/includes/dvwaPhpIds.inc.php
- http://192.168.21.128/dvwa/dvwa/js/
- http://192.168.21.128/dvwa/login.php
- http://192.168.21.128/mutillidae/
- http://192.168.21.128/mutillidae/documentation/

- <http://192.168.21.128/mutillidae/documentation/how-to-access-Mutillidae-over-Virtual-Box-network.php>
- <http://192.168.21.128/mutillidae/documentation/vulnerabilities.php>
- <http://192.168.21.128/mutillidae/framer.html>
- <http://192.168.21.128/mutillidae/index.php>
- <http://192.168.21.128/mutillidae/set-up-database.php>
- <http://192.168.21.128/mutillidae/styles/>
- <http://192.168.21.128/mutillidae/styles/ddsmoothmenu/>
- <http://192.168.21.128/phpMyAdmin/>
- <http://192.168.21.128/phpMyAdmin/index.php>
- <http://192.168.21.128/test/>
- <http://192.168.21.128/test/testoutput/>
- <http://192.168.21.128/twiki/>
- <http://192.168.21.128/twiki/TWikiHistory.html>
- <http://192.168.21.128/twiki/bin/oops>
- <http://192.168.21.128/twiki/bin/oops/Main>
- <http://192.168.21.128/twiki/bin/oops/Main/WebHomemailto%3Awebmasteryour>
- <http://192.168.21.128/twiki/bin/oops/Main/WebHomemailto%3Awebmasteryour/company>
- <http://192.168.21.128/twiki/bin/search>
- <http://192.168.21.128/twiki/bin/search/Main>
- <http://192.168.21.128/twiki/bin/search/Main/SearchResult>
- <http://192.168.21.128/twiki/bin/view>
- <http://192.168.21.128/twiki/bin/view/Main>
- <http://192.168.21.128/twiki/bin/view/Main/WebHome>

## 50345 - Missing or Permissive X-Frame-Options HTTP Response Header

### Synopsis

The remote web server does not take steps to mitigate a class of web application vulnerabilities.

### Description

The remote web server in some responses sets a permissive X-Frame-Options response header or does not set one at all.

The X-Frame-Options header has been proposed by Microsoft as a way to mitigate clickjacking attacks and is currently supported by all major browser vendors

### See Also

<https://en.wikipedia.org/wiki/Clickjacking>

<http://www.nessus.org/u?399b1f56>

### Solution

Set a properly configured X-Frame-Options header for all requested resources.

### Risk Factor

None

### Plugin Information

Published: 2010/10/26, Modified: 2021/01/19

### Plugin Output

tcp/8180/www

The following pages do not set a X-Frame-Options response header or set a permissive policy:

- http://192.168.21.128:8180/
- http://192.168.21.128:8180/admin/
- http://192.168.21.128:8180/admin/error.jsp
- http://192.168.21.128:8180/admin/j\_security\_check
- http://192.168.21.128:8180/jsp-examples/
- http://192.168.21.128:8180/jsp-examples/cal/Entries.java.html
- http://192.168.21.128:8180/jsp-examples/cal/Entry.java.html
- http://192.168.21.128:8180/jsp-examples/cal/TableBean.java.html
- http://192.168.21.128:8180/jsp-examples/cal/call.jsp
- http://192.168.21.128:8180/jsp-examples/cal/call.jsp.html
- http://192.168.21.128:8180/jsp-examples/cal/cal2.jsp.html
- http://192.168.21.128:8180/jsp-examples/cal/calendar.html
- http://192.168.21.128:8180/jsp-examples/cal/login.html
- http://192.168.21.128:8180/jsp-examples/checkbox/CheckTest.html
- http://192.168.21.128:8180/jsp-examples/checkbox/check.html
- http://192.168.21.128:8180/jsp-examples/checkbox/checkresult.jsp



```
- http://192.168.21.128:8180/jsp-examples/checkbox/checkresult.jsp.html
- http://192.168.21.128:8180/jsp-examples/checkbox/cresult.html
- http://192.168.21.128:8180/jsp-examples/colors/ColorGameBean.html
- http://192.168.21.128:8180/jsp-examples/colors/clr.html
- http://192.168.21.128:8180/jsp-examples/colors/colors.html
- http://192.168.21.128:8180/jsp-examples/colors/colrs.jsp
- http://192.168.21.128:8180/jsp-examples/colors/colrs.jsp.html
- http://192.168.21.128:8180/jsp-examples/dates/date.html
- http://192.168.21.128:8180/jsp-examples/dates/date.jsp
- http://192.168.21.128:8180/jsp-examples/dates/date.jsp.html
- http://192.168.21.128:8180/jsp-examples/error/er.html
- http://192.168.21.128:8180/jsp-examples/error/err.jsp
- http://192.168.21.128:8180/jsp-examples/error/err.jsp.html
- http://192.168.21.128:8180/jsp-examples/error/error.html
- http://192.168.21.128:8180/jsp-examples/forward/forward.jsp
- http://192.168.21.128:8180/jsp-examples/forward/forward.jsp.html
- http://192.168.21 [...] ]
```

## 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 192.168.21.128 :
```

```
/ *
```

### 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: 2022/02/14

### Plugin Output

---

tcp/21/ftp

```
Port 21/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/22/ssh

```
Port 22/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/23/telnet

```
Port 23/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/25/smtp

```
Port 25/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/53/dns

```
Port 53/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/80/www

```
Port 80/tcp was found to be open
```



### 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: 2022/02/14

### Plugin Output

---

tcp/111/rpc-portmapper

```
Port 111/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/139/smb

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

### 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: 2022/02/14

### Plugin Output

---

tcp/445/cifs

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

### 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: 2022/02/14

### Plugin Output

---

tcp/512/rexecd

```
Port 512/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/513/rlogin

```
Port 513/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/514/rsh

```
Port 514/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/1099/rmi\_registry

```
Port 1099/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/1524/wild\_shell

```
Port 1524/tcp was found to be open
```



### 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: 2022/02/14

### Plugin Output

---

tcp/2049/rpc-nfs

```
Port 2049/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/2121/ftp

```
Port 2121/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/3306/mysql

```
Port 3306/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/3632

```
Port 3632/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/5432/postgresql

```
Port 5432/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/5900/vnc

```
Port 5900/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/6000

```
Port 6000/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/6667/irc

```
Port 6667/tcp was found to be open
```



### 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: 2022/02/14

### Plugin Output

---

tcp/6697/irc

```
Port 6697/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/8009

```
Port 8009/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/8180/www

```
Port 8180/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/8787

```
Port 8787/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/34446

```
Port 34446/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/35519/rpc-nlockmgr

```
Port 35519/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/38300/rpc-status

```
Port 38300/tcp was found to be open
```

### 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: 2022/02/14

### Plugin Output

---

tcp/46856/rpc-mountd

```
Port 46856/tcp was found to be open
```



## 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: 2020/09/22

### 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
Source  : http://192.168.21.128/phpinfo.php
```

## 10180 - Ping the remote host

### Synopsis

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

### Description

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

- An ARP ping, provided the host is on the local subnet and Nessus is running over Ethernet.
- An ICMP ping.
- A TCP ping, in which the plugin sends to the remote host a packet with the flag SYN, and the host will reply with a RST or a SYN/ACK.
- A UDP ping (e.g., DNS, RPC, and NTP).

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 1999/06/24, Modified: 2021/10/04

### Plugin Output

tcp/0

```
The remote host is up
The host replied to an ARP who-is query.
Hardware address : 00:0c:29:f0:2d:8b
```

## 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: 2021/02/24

### 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
```

```
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
Key Length: 1024 bits
Public Key: 00 D6 B4 13 36 33 9A 95 71 7B 1B DE 7C 83 75 DA 71 B1 3C A9
             7F FE AD 64 1B 77 E9 4F AE BE CA D4 F8 CB EF AE BB 43 79 24
             73 FF 3C E5 9E 3B 6D FC C8 B1 AC FA 4C 4D 5E 9B 4C 99 54 0B
             D7 A8 4A 50 BA A9 DE 1D 1F F4 E4 6B 02 A3 F4 6B 45 CD 4C AF
             8D 89 62 33 8F 65 BB 36 61 9F C4 2C 73 C1 4E 2E A0 A8 14 4E
             98 70 46 61 BB D1 B9 31 DF 8C 99 EE 75 6B 79 3C 40 A0 AE 97
             00 90 9D DC 99 0D 33 A4 B5
Exponent: 01 00 01

Signature Length: 128 bytes / 1024 bits
Signature: 00 92 A4 B4 B8 14 55 63 25 51 4A 0B C3 2A 22 CF 3A F8 17 6A
           0C CF 66 AA A7 65 2F 48 6D CD E3 3E 5C 9F 77 6C D4 44 54 1F
           1E 84 4F 8E D4 8D DD AC 2D 88 09 21 A8 DA 56 2C A9 05 3C 49
           68 35 19 75 0C DA 53 23 88 88 19 2D 74 26 C1 22 65 EE 11 68
           83 6A 53 4A 9C 27 CB A0 B4 E9 8D 29 0C B2 3C 18 5C 67 CC 53
           A6 1E 30 D0 AA 26 7B 1E AE 40 B9 29 01 6C 2E BC A2 19 94 7C
           15 6E 8D 30 38 F6 CA 2E 75

----- snip ----- [...]
```

## 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: 2020/11/10

### Plugin Output

tcp/5432/postgresql

## 40665 - Protected Web Page Detection

### Synopsis

Some web pages require authentication.

### Description

The remote web server requires HTTP authentication for the following pages. Several authentication schemes are available :

- Basic is the simplest, but the credentials are sent in cleartext.
- NTLM provides an SSO in a Microsoft environment, but it cannot be used on both the proxy and the web server. It is also weaker than Digest.
- Digest is a cryptographically strong scheme. Credentials are never sent in cleartext, although they may still be cracked by a dictionary attack.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2009/08/21, Modified: 2016/10/04

### Plugin Output

tcp/8180/www

The following pages are protected by the Basic authentication scheme :

```
/host-manager/html  
/manager/html  
/manager/status
```

## 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: 2020/02/24

### 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 2E 6B BC 3A 00 00 01 7F  Q....w...k.:....
0x10:  A2 86 DB 82 80 02 75 72 00 13 5B 4C 6A 61 76 61  .....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 00  ...{G...xp....
```

## 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

tcp/35519/rpc-nlockmgr

```
The following RPC services are available on TCP port 35519 :
```

- 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/38054/rpc-nlockmgr

```
The following RPC services are available on UDP port 38054 :
```

- 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/38300/rpc-status

```
The following RPC services are available on TCP port 38300 :  
- 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/46092/rpc-status

```
The following RPC services are available on UDP port 46092 :  
- 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

tcp/46856/rpc-mountd

```
The following RPC services are available on TCP port 46856 :
```

- 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

udp/55401/rpc-mountd

```
The following RPC services are available on UDP port 55401 :
```

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

## 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
```

```
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
Key Length: 1024 bits
Public Key: 00 D6 B4 13 36 33 9A 95 71 7B 1B DE 7C 83 75 DA 71 B1 3C A9
             7F FE AD 64 1B 77 E9 4F AE BE CA D4 F8 CB EF AE BB 43 79 24
             73 FF 3C E5 9E 3B 6D FC C8 B1 AC FA 4C 4D 5E 9B 4C 99 54 0B
             D7 A8 4A 50 BA A9 DE 1D 1F F4 E4 6B 02 A3 F4 6B 45 CD 4C AF
             8D 89 62 33 8F 65 BB 36 61 9F C4 2C 73 C1 4E 2E A0 A8 14 4E
             98 70 46 61 BB D1 B9 31 DF 8C 99 EE 75 6B 79 3C 40 A0 AE 97
             00 90 9D DC 99 0D 33 A4 B5
Exponent: 01 00 01

Signature Length: 128 bytes / 1024 bits
Signature: 00 92 A4 B4 B8 14 55 63 25 51 4A 0B C3 2A 22 CF 3A F8 17 6A
           0C CF 66 AA A7 65 2F 48 6D CD E3 3E 5C 9F 77 6C D4 44 54 1F
           1E 84 4F 8E D4 8D DD AC 2D 88 09 21 A8 DA 56 2C A9 05 3C 49
           68 35 19 75 0C DA 53 23 88 88 19 2D 74 26 C1 22 65 EE 11 68
           83 6A 53 4A 9C 27 CB A0 B4 E9 8D 29 0C B2 3C 18 5C 67 CC 53
           A6 1E 30 D0 AA 26 7B 1E AE 40 B9 29 01 6C 2E BC A2 19 94 7C
           15 6E 8D 30 38 F6 CA 2E 75

----- snip ----- [...]
```

## 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
```

The server supports the following options for encryption\_algorithms\_server\_to\_client :

```
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
```

The server supports the following options for mac\_algorithms\_client\_to\_server :

```
hmac-md5
hmac-md5-96
hmac-ripemd160
hmac-ripemd160@openssh.com
hmac-sha1
hmac-sha1-96
umac-64@openssh.com
```

The server supports the following options for mac\_algorithms\_server\_to\_client :

```
hmac-md5
hmac-md5-96
hmac-ripemd160
hmac-ripemd160@openssh.com
hmac-sha1
hmac-sha1-96
umac-64@openssh.com
```

The server supports the following options for compression\_algorithms\_client\_to\_server :

```
none
zlib@openssh.com
```

The server supports the following options for compression\_algorithms\_server\_to\_client :

```
none
zlib@openssh.com
```



## 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: 2021/09/23

### 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
```

```
Key Length: 1024 bits
Public Key: 00 D6 B4 13 36 33 9A 95 71 7B 1B DE 7C 83 75 DA 71 B1 3C A9
            7F FE AD 64 1B 77 E9 4F AE BE CA D4 F8 CB EF AE BB 43 79 24
            73 FF 3C E5 9E 3B 6D FC C8 B1 AC FA 4C 4D 5E 9B 4C 99 54 0B
            D7 A8 4A 50 BA A9 DE 1D 1F F4 E4 6B 02 A3 F4 6B 45 CD 4C AF
            8D 89 62 33 8F 65 BB 36 61 9F C4 2C 73 C1 4E 2E A0 A8 14 4E
            98 70 46 61 BB D1 B9 31 DF 8C 99 EE 75 6B 79 3C 40 A0 AE 97
            00 90 9D DC 99 0D 33 A4 B5
Exponent: 01 00 01

Signature Length: 128 bytes / 1024 bits
Signature: 00 92 A4 B4 B8 14 55 63 25 51 4A 0B C3 2A 22 CF 3A F8 17 6A
            0C CF 66 AA A7 65 2F 48 6D CD E3 3E 5C 9F 77 6C D4 44 54 1F
            1E 84 4F 8E D4 8D DD AC 2D 88 09 21 A8 DA 56 2C A9 05 3C 49
            68 35 19 75 0C DA 53 23 88 88 19 2D 74 26 C1 22 65 EE 11 68
            83 6A 53 4A 9C 27 CB A0 B4 E9 8D 29 0C B2 3C 18 5C 67 CC 53
            A6 1E 30 D0 AA 26 7B 1E AE 40 B9 29 01 6C 2E BC A2 19 94 7C
            15 6E 8D 30 38 F6 CA 2E 75

Fingerprints :

SHA-256 Fingerprint: E7 A7 FA 0D 63 E4 57 C7 C4 A5 9B 38 B7 08 49 C6 A7 0B DA 6F
                    83 0C 7A F1 E3 2D EE 43 6D E8 13 CC
SHA-1 Fingerprint: ED 09 30 88 70 66 03 BF D5 DC 23 73 99 B4 98 DA 2D [...]
```

## 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
```

```
Key Length: 1024 bits
Public Key: 00 D6 B4 13 36 33 9A 95 71 7B 1B DE 7C 83 75 DA 71 B1 3C A9
            7F FE AD 64 1B 77 E9 4F AE BE CA D4 F8 CB EF AE BB 43 79 24
            73 FF 3C E5 9E 3B 6D FC C8 B1 AC FA 4C 4D 5E 9B 4C 99 54 0B
            D7 A8 4A 50 BA A9 DE 1D 1F F4 E4 6B 02 A3 F4 6B 45 CD 4C AF
            8D 89 62 33 8F 65 BB 36 61 9F C4 2C 73 C1 4E 2E A0 A8 14 4E
            98 70 46 61 BB D1 B9 31 DF 8C 99 EE 75 6B 79 3C 40 A0 AE 97
            00 90 9D DC 99 0D 33 A4 B5
Exponent: 01 00 01

Signature Length: 128 bytes / 1024 bits
Signature: 00 92 A4 B4 B8 14 55 63 25 51 4A 0B C3 2A 22 CF 3A F8 17 6A
            0C CF 66 AA A7 65 2F 48 6D CD E3 3E 5C 9F 77 6C D4 44 54 1F
            1E 84 4F 8E D4 8D DD AC 2D 88 09 21 A8 DA 56 2C A9 05 3C 49
            68 35 19 75 0C DA 53 23 88 88 19 2D 74 26 C1 22 65 EE 11 68
            83 6A 53 4A 9C 27 CB A0 B4 E9 8D 29 0C B2 3C 18 5C 67 CC 53
            A6 1E 30 D0 AA 26 7B 1E AE 40 B9 29 01 6C 2E BC A2 19 94 7C
            15 6E 8D 30 38 F6 CA 2E 75

Fingerprints :

SHA-256 Fingerprint: E7 A7 FA 0D 63 E4 57 C7 C4 A5 9B 38 B7 08 49 C6 A7 0B DA 6F
                    83 0C 7A F1 E3 2D EE 43 6D E8 13 CC
SHA-1 Fingerprint: ED 09 30 88 70 66 03 BF D5 DC 23 73 99 B4 98 DA 2D [...]
```

## 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 export	0x04, 0x00, 0x80	RSA(512)	RSA	RC2-CBC(40)	MD5
EXP-EDH-RSA-DES-CBC-SHA SHA1 export	0x00, 0x14	DH(512)	RSA	DES-CBC(40)	
EDH-RSA-DES-CBC-SHA SHA1	0x00, 0x15	DH	RSA	DES-CBC(56)	
EXP-ADH-DES-CBC-SHA SHA1 export	0x00, 0x19	DH(512)	None	DES-CBC(40)	
ADH-DES-CBC-SHA SHA1	0x00, 0x1A	DH	None	DES-CBC(56)	

EXP-DES-CBC-SHA SHA1 export	0x00, 0x08	RSA(512)	RSA	DES-CBC(40)	
EXP-RC2-CBC-MD5 export	0x00, 0x06	RSA(512)	RSA	RC2-CBC(40)	MD5
DES-CBC-SHA SHA1	0x00, 0x09	RSA	RSA	DES-CBC(56)	

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

Name -----	Code -----	KEX ---	Auth ----	Encryption -----	MAC ---
DES-CBC3-MD5	0x07, 0x00, 0xC0	RSA	RSA	3DES-CBC(168)	MD5
EDH-RSA-DES-CBC3-SHA SHA1	0x00, 0x16	DH	RSA	3DES-CBC(168)	
ADH-DES-CBC3-SHA SHA1	0x00, 0x1B	DH	None	3DES-CBC(168)	
DES-CBC3-SHA SHA1	0x00, 0x0A	RSA	RSA	3DES-CBC(168)	

High Strength Ciphers (>= 112-bit key)

Name -----	Code -----	KEX	Auth	Encryption	MAC
	[...]				

## 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					

DHE-RSA-AES256-SHA	0x00, 0x39	DH	RSA	AES-CBC(256)
SHA1				
AES128-SHA	0x00, 0x2F	RSA	RSA	AES-CBC(128)
SHA1				
AES256-SHA	0x00, 0x35	RSA	RSA	AES-CBC(256)
SHA1				

The fields above are :

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



## 21643 - SSL Cipher Suites Supported

### Synopsis

The remote service encrypts communications using SSL.

### Description

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

### See Also

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

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

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2006/06/05, Modified: 2021/03/09

### 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					

EXP-RC4-MD5 export	0x00, 0x03	RSA(512)	RSA	RC4(40)	MD5
DES-CBC-SHA SHA1	0x00, 0x09	RSA	RSA	DES-CBC(56)	

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

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
EDH-RSA-DES-CBC3-SHA SHA1	0x00, 0x16	DH	RSA	3DES-CBC(168)	
ADH-DES-CBC3-SHA SHA1	0x00, 0x1B	DH	None	3DES-CBC(168)	
DES-CBC3-SHA SHA1	0x00, 0x0A	RSA	RSA	3DES-CBC(168)	

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	[...]
------	------	-----	------	-------

## 21643 - SSL Cipher Suites Supported

### Synopsis

The remote service encrypts communications using SSL.

### Description

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

### See Also

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

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

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2006/06/05, Modified: 2021/03/09

### 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					

AES256-SHA SHA1	0x00, 0x35	RSA	RSA	AES-CBC(256)
RC4-SHA SHA1	0x00, 0x05	RSA	RSA	RC4(128)

SSL Version : SSLv3

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

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
EDH-RSA-DES-CBC3-SHA SHA1	0x00, 0x16	DH	RSA	3DES-CBC(168)	
DES-CBC3-SHA SHA1	0x00, 0x0A	RSA	RSA	3DES-CBC(168)	

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	[...]		

## 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/Diffie-Hellman_key_exchange)

[https://en.wikipedia.org/wiki/Perfect\\_forward\\_secrecy](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 SHA1 export	0x00, 0x14	DH(512)	RSA	DES-CBC(40)	
EDH-RSA-DES-CBC-SHA SHA1	0x00, 0x15	DH	RSA	DES-CBC(56)	

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

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

#### High Strength Ciphers (>= 112-bit key)

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

The fields above are :

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

## 57041 - SSL Perfect Forward Secrecy Cipher Suites Supported

### Synopsis

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

### Description

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

### See Also

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

[https://en.wikipedia.org/wiki/Diffie-Hellman\\_key\\_exchange](https://en.wikipedia.org/wiki/Diffie-Hellman_key_exchange)

[https://en.wikipedia.org/wiki/Perfect\\_forward\\_secrecy](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 SHA1	0x00, 0x16	DH	RSA	3DES-CBC(168)	

High Strength Ciphers (>= 112-bit key)

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

The fields above are :

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



## 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://wiki.mozilla.org/Security/Server_Side_TLS)

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

### Solution

Only enable support for recommended cipher suites.

### Risk Factor

None

### Plugin Information

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

## Plugin Output

### tcp/25/smtp

The remote host has listening SSL/TLS ports which advertise the discouraged cipher suites outlined below:

#### Low Strength Ciphers (<= 64-bit key)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
EXP-RC2-CBC-MD5 export	0x04, 0x00, 0x80	RSA(512)	RSA	RC2-CBC(40)	MD5
EXP-RC4-MD5 export	0x02, 0x00, 0x80	RSA(512)	RSA	RC4(40)	MD5
EXP-EDH-RSA-DES-CBC-SHA SHA1 export	0x00, 0x14	DH(512)	RSA	DES-CBC(40)	
EDH-RSA-DES-CBC-SHA SHA1	0x00, 0x15	DH	RSA	DES-CBC(56)	
EXP-ADH-DES-CBC-SHA SHA1 export	0x00, 0x19	DH(512)	None	DES-CBC(40)	
EXP-ADH-RC4-MD5 export	0x00, 0x17	DH(512)	None	RC4(40)	MD5
ADH-DES-CBC-SHA SHA1	0x00, 0x1A	DH	None	DES-CBC(56)	
EXP-DES-CBC-SHA SHA1 export	0x00, 0x08	RSA(512)	RSA	DES-CBC(40)	
EXP-RC2-CBC-MD5 export	0x00, 0x06	RSA(512)	RSA	RC2-CBC(40)	MD5
EXP-RC4-MD5 export	0x00, 0x03	RSA(512)	RSA	RC4(40)	MD5
DES-CBC-SHA SHA1	0x00, 0x09	RSA	RSA	DES-CBC(56)	

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

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
DES-CBC3-MD5	0x07, 0x00, 0xC0	RSA	RSA	3DES-CBC(168)	MD5
EDH-RSA-DES-CBC3-SHA SHA1	0x00, 0x16	DH	RSA	3DES-CBC(168)	
ADH-DE [...]					

## 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://wiki.mozilla.org/Security/Server_Side_TLS)

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

### Solution

---

Only enable support for recommended cipher suites.

### Risk Factor

---

None

### Plugin Information

---

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

## Plugin Output

tcp/5432/postgresql

The remote host has listening SSL/TLS ports which advertise the discouraged cipher suites outlined below:

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					
AES256-SHA	0x00, 0x35	RSA	RSA	AES-CBC(256)	
SHA1					
RC4-SHA	0x00, 0x05	RSA	RSA	RC4(128)	
SHA1					

The fields above are :

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

## 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: 2019/11/22

### 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: 2021/04/14

### 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: 2021/04/14

### 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: 2021/04/14

### 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: 2021/04/14

### 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: 2021/04/14

### 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: 2021/04/14

### 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: 2021/04/14

### Plugin Output

tcp/2121/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: 2021/04/14

### Plugin Output

tcp/5900/vnc

```
A vnc 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: 2021/04/14

### Plugin Output

tcp/8180/www

```
A web 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.
```

## 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/6697/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

## 19941 - TWiki Detection

### Synopsis

The remote web server hosts a Wiki system written in Perl.

### Description

The remote host is running TWiki, an open source wiki system written in Perl.

### See Also

<http://twiki.org>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2005/10/06, Modified: 2019/11/22

### Plugin Output

tcp/80/www

```
URL      : http://192.168.21.128/twiki/bin/view/Main
Version  : 01 Feb 2003
```



## 10281 - Telnet Server Detection

## Synopsis

A Telnet server is listening on the remote port.

Description

The remote host is running a Telnet server, a remote terminal server.

## Solution

Disable this service if you do not use it.

Risk Factor
-------------

None

## Plugin Information

Published: 1999/10/12, Modified: 2020/06/12

## Plugin Output

tcp/23/telnet

[illegible][illegible]

```
Here is the banner from the remote Telnet server :

----- snip -----

_ _ _ _ _ \ _ _ | _ _ _ _ _ _ _ _ | _ _ _ _ _ ( _ ) _ _ _ _ _ | _ _ _ _ _ \ 
| _ _ _ _ _ \ / _ _ \ _ _ \ _ _ \ / _ _ | _ _ _ _ _ \ | _ _ _ _ _ \ / _ _ \ _ _ ) 
| | | | | | _ _ || ( _ | \ _ _ | _ | | ( _ ) | | | | ( _ | | | _ _ // _ _ 
| _ | | _ | _ \ _ | \ _ \ _ , _ | _ _ / _ _ | _ \ _ _ / | _ \ _ \ _ , _ | _ . _ / | _ \ _ | _ _ | 
      | _ | 

Warning: Never expose this VM to an untrusted network!
Contact: msfdev[at]metasploit.com
Login with msfadmin/msfadmin to get started
metasploitable login:

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

[illegible][illegible][illegible]

```
Here is the banner from the remote Telnet server :  
  
----- snip -----  
  
 _ _ _ _ _ | _ _ _ _ _ | _ _ _ _ _ | _ _ _ _ _ | _ _ _ _ _ |  
| _ _ _ _ _ / _ _ _ _ _ \ _ _ _ _ _ / _ _ _ _ _ \ _ _ _ _ _ \ _ _ _ _ _ )  
| | | | | _ _ | | ( _ | \ _ _ | | | | | ( _ | | | | | _ _ // _ _  
|_| |_| |_| \_ _ | \_ _ \_ _ , |_ _ / |_ _ \_ _ / |_ _ \_ _ \_ _ , |_ _ . _ _ / |_ _ \_ _ | _____  
                                     |_|  
Warning: Never expose this VM to an untrusted network!  
Contact: msfdev[at]metasploit.com  
Login with msfadmin/msfadmin to get started  
metasploitable login:  
  
----- snip -----
```

## 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 192.168.21.129 to 192.168.21.128 :
192.168.21.129
192.168.21.128

Hop Count: 1
```

## 20094 - VMware Virtual Machine Detection

### Synopsis

The remote host is a VMware virtual machine.

### Description

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

### Solution

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

### Risk Factor

None

### Plugin Information

Published: 2005/10/27, Modified: 2019/12/11

### Plugin Output

tcp/0

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

## 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

```
\n\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 vulnerabilities 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: 2022/03/14

### Plugin Output

tcp/445/cifs

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

## 100669 - Web Application Cookies Are Expired

### Synopsis

HTTP cookies have an 'Expires' attribute that is set with a past date or time.

### Description

The remote web application sets various cookies throughout a user's unauthenticated and authenticated session. However, Nessus has detected that one or more of the cookies have an 'Expires' attribute that is set with a past date or time, meaning that these cookies will be removed by the browser.

### See Also

<https://tools.ietf.org/html/rfc6265>

### Solution

Each cookie should be carefully reviewed to determine if it contains sensitive data or is relied upon for a security decision.

If needed, set an expiration date in the future so the cookie will persist or remove the Expires cookie attribute altogether to convert the cookie to a session cookie.

### Risk Factor

None

### Plugin Information

Published: 2017/06/07, Modified: 2021/12/20

### Plugin Output

tcp/80/www

The following cookies are expired :

Name : pma\_fontsize  
Path : /phpMyAdmin/  
Value : deleted  
Domain :  
Version : 1  
Expires : Fri, 19-Mar-2021 14:23:08 GMT  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : pma\_collation\_connection  
Path : /phpMyAdmin/  
Value : deleted



Domain :  
Version : 1  
Expires : Fri, 19-Mar-2021 14:25:06 GMT  
Comment :  
Secure : 0  
Httponly : 1  
Port :

Name : pma\_theme  
Path : /phpMyAdmin/  
Value : deleted  
Domain :  
Version : 1  
Expires : Fri, 19-Mar-2021 14:23:01 GMT  
Comment :  
Secure : 0  
Httponly : 0  
Port :

## 100669 - Web Application Cookies Are Expired

### Synopsis

HTTP cookies have an 'Expires' attribute that is set with a past date or time.

### Description

The remote web application sets various cookies throughout a user's unauthenticated and authenticated session. However, Nessus has detected that one or more of the cookies have an 'Expires' attribute that is set with a past date or time, meaning that these cookies will be removed by the browser.

### See Also

<https://tools.ietf.org/html/rfc6265>

### Solution

Each cookie should be carefully reviewed to determine if it contains sensitive data or is relied upon for a security decision.

If needed, set an expiration date in the future so the cookie will persist or remove the Expires cookie attribute altogether to convert the cookie to a session cookie.

### Risk Factor

None

### Plugin Information

Published: 2017/06/07, Modified: 2021/12/20

### Plugin Output

tcp/8180/www

The following cookies are expired :

Name : pma\_fontsize  
Path : /phpMyAdmin/  
Value : deleted  
Domain :  
Version : 1  
Expires : Fri, 19-Mar-2021 14:23:08 GMT  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : pma\_collation\_connection  
Path : /phpMyAdmin/  
Value : deleted

Domain :  
Version : 1  
Expires : Fri, 19-Mar-2021 14:25:06 GMT  
Comment :  
Secure : 0  
Httponly : 1  
Port :

Name : pma\_theme  
Path : /phpMyAdmin/  
Value : deleted  
Domain :  
Version : 1  
Expires : Fri, 19-Mar-2021 14:23:01 GMT  
Comment :  
Secure : 0  
Httponly : 0  
Port :

## 85601 - Web Application Cookies Not Marked HttpOnly

### Synopsis

---

HTTP session cookies might be vulnerable to cross-site scripting attacks.

### Description

---

The remote web application sets various cookies throughout a user's unauthenticated and authenticated session. However, one or more of those cookies are not marked 'HttpOnly', meaning that a malicious client-side script, such as JavaScript, could read them. The HttpOnly flag is a security mechanism to protect against cross-site scripting attacks, which was proposed by Microsoft and initially implemented in Internet Explorer. All modern browsers now support it.

Note that this plugin detects all general cookies missing the HttpOnly cookie flag, whereas plugin 48432 (Web Application Session Cookies Not Marked HttpOnly) will only detect session cookies from an authenticated session missing the HttpOnly cookie flag.

### See Also

---

<https://www.owasp.org/index.php/HttpOnly>

### Solution

---

Each cookie should be carefully reviewed to determine if it contains sensitive data or is relied upon for a security decision.

If possible, add the 'HttpOnly' attribute to all session cookies and any cookies containing sensitive data.

### Risk Factor

---

None

### References

---

XREF	CWE:20
XREF	CWE:74
XREF	CWE:79
XREF	CWE:442
XREF	CWE:629
XREF	CWE:711
XREF	CWE:712
XREF	CWE:722
XREF	CWE:725
XREF	CWE:750
XREF	CWE:751
XREF	CWE:800
XREF	CWE:801

XREF	CWE:809
XREF	CWE:811
XREF	CWE:864
XREF	CWE:900
XREF	CWE:928
XREF	CWE:931
XREF	CWE:990

## Plugin Information

---

Published: 2015/08/24, Modified: 2015/08/24

## Plugin Output

---

tcp/80/www

The following cookies do not set the HttpOnly cookie flag :

Name : JSESSIONID  
Path : /admin  
Value : FF799D920C1F5C2498870A2912437642  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : JSESSIONID  
Path : /jsp-examples  
Value : C5D3F1BE9DED24C8CBD42198CB4945F0  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : PHPSESSID  
Path : /  
Value : e7a05f8a85d6d29931954ee1f90226df  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : JSESSIONID  
Path : /servlets-examples  
Value : 0FBE2B8484C9C619AAA73A20B894C1D2  
Domain :  
Version : 1  
Expires :

Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : security  
Path : /  
Value : high  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

## 85601 - Web Application Cookies Not Marked HttpOnly

### Synopsis

---

HTTP session cookies might be vulnerable to cross-site scripting attacks.

### Description

---

The remote web application sets various cookies throughout a user's unauthenticated and authenticated session. However, one or more of those cookies are not marked 'HttpOnly', meaning that a malicious client-side script, such as JavaScript, could read them. The HttpOnly flag is a security mechanism to protect against cross-site scripting attacks, which was proposed by Microsoft and initially implemented in Internet Explorer. All modern browsers now support it.

Note that this plugin detects all general cookies missing the HttpOnly cookie flag, whereas plugin 48432 (Web Application Session Cookies Not Marked HttpOnly) will only detect session cookies from an authenticated session missing the HttpOnly cookie flag.

### See Also

---

<https://www.owasp.org/index.php/HttpOnly>

### Solution

---

Each cookie should be carefully reviewed to determine if it contains sensitive data or is relied upon for a security decision.

If possible, add the 'HttpOnly' attribute to all session cookies and any cookies containing sensitive data.

### Risk Factor

---

None

### References

---

XREF	CWE:20
XREF	CWE:74
XREF	CWE:79
XREF	CWE:442
XREF	CWE:629
XREF	CWE:711
XREF	CWE:712
XREF	CWE:722
XREF	CWE:725
XREF	CWE:750
XREF	CWE:751
XREF	CWE:800
XREF	CWE:801

XREF	CWE:809
XREF	CWE:811
XREF	CWE:864
XREF	CWE:900
XREF	CWE:928
XREF	CWE:931
XREF	CWE:990

## Plugin Information

---

Published: 2015/08/24, Modified: 2015/08/24

## Plugin Output

---

tcp/8180/www

The following cookies do not set the HttpOnly cookie flag :

Name : JSESSIONID  
Path : /admin  
Value : FF799D920C1F5C2498870A2912437642  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : JSESSIONID  
Path : /jsp-examples  
Value : C5D3F1BE9DED24C8CBD42198CB4945F0  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : PHPSESSID  
Path : /  
Value : e7a05f8a85d6d29931954ee1f90226df  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : JSESSIONID  
Path : /servlets-examples  
Value : 0FBE2B8484C9C619AAA73A20B894C1D2  
Domain :  
Version : 1  
Expires :



Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : security  
Path : /  
Value : high  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

## 85602 - Web Application Cookies Not Marked Secure

### Synopsis

---

HTTP session cookies might be transmitted in cleartext.

### Description

---

The remote web application sets various cookies throughout a user's unauthenticated and authenticated session. However, there are instances where the application is running over unencrypted HTTP or the cookies are not marked 'secure', meaning the browser could send them back over an unencrypted link under certain circumstances. As a result, it may be possible for a remote attacker to intercept these cookies.

Note that this plugin detects all general cookies missing the 'secure'

cookie flag, whereas plugin 49218 (Web Application Session Cookies Not Marked Secure) will only detect session cookies from an authenticated session missing the secure cookie flag.

### See Also

---

<https://www.owasp.org/index.php/SecureFlag>

### Solution

---

Each cookie should be carefully reviewed to determine if it contains sensitive data or is relied upon for a security decision.

If possible, ensure all communication occurs over an encrypted channel and add the 'secure' attribute to all session cookies or any cookies containing sensitive data.

### Risk Factor

---

None

### References

---

XREF	CWE:522
XREF	CWE:718
XREF	CWE:724
XREF	CWE:928
XREF	CWE:930

### Plugin Information

---

Published: 2015/08/24, Modified: 2015/08/24

### Plugin Output

---

tcp/80/www

The following cookies do not set the secure cookie flag :

Name : JSESSIONID  
Path : /admin  
Value : FF799D920C1F5C2498870A2912437642  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : pma\_theme  
Path : /phpMyAdmin/  
Value : original  
Domain :  
Version : 1  
Expires : Mon, 18-Apr-2022 14:16:14 GMT  
Comment :  
Secure : 0  
Httponly : 1  
Port :

Name : pma\_fontsize  
Path : /phpMyAdmin/  
Value : 82%25  
Domain :  
Version : 1  
Expires : Mon, 18-Apr-2022 14:16:14 GMT  
Comment :  
Secure : 0  
Httponly : 1  
Port :

Name : JSESSIONID  
Path : /jsp-examples  
Value : C5D3F1BE9DED24C8CBD42198CB4945F0  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : PHPSESSID  
Path : /  
Value : e7a05f8a85d6d29931954ee1f90226df  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : phpMyAdmin  
Path : /phpMyAdmin/  
Value : 149178dc849b64656aeb5c026d7efbc998b97db6  
Domain :  
Version : 1  
Expires :

Comment :  
Secure : 0  
Httponly : 1  
Port :

Name : pma\_lang  
Path : /phpMyAdmin/  
Value : en-utf-8  
Domain :  
Version : 1  
Expires : Mon, 18-Apr-2022 14:16:14 GMT  
Comment :  
Secure : 0  
Httponly : 1  
Port :

Name : pma\_charset  
Path : /phpMyAdmin/  
Value : utf-8  
Domain :  
Version : 1  
Expires : Mon, 18-Apr-2022 14:16:14 GMT  
Comment :  
Secure : 0  
Httponly : 1  
Port :

Name : JSESSIONID  
Path : /servlets-examples  
Value : 0FBE2B8484C9C619AAA73A20B894C1D2  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : security  
Path : /  
Value : high  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

## 85602 - Web Application Cookies Not Marked Secure

### Synopsis

HTTP session cookies might be transmitted in cleartext.

### Description

The remote web application sets various cookies throughout a user's unauthenticated and authenticated session. However, there are instances where the application is running over unencrypted HTTP or the cookies are not marked 'secure', meaning the browser could send them back over an unencrypted link under certain circumstances. As a result, it may be possible for a remote attacker to intercept these cookies.

Note that this plugin detects all general cookies missing the 'secure'

cookie flag, whereas plugin 49218 (Web Application Session Cookies Not Marked Secure) will only detect session cookies from an authenticated session missing the secure cookie flag.

### See Also

<https://www.owasp.org/index.php/SecureFlag>

### Solution

Each cookie should be carefully reviewed to determine if it contains sensitive data or is relied upon for a security decision.

If possible, ensure all communication occurs over an encrypted channel and add the 'secure' attribute to all session cookies or any cookies containing sensitive data.

### Risk Factor

None

### References

XREF	CWE:522
XREF	CWE:718
XREF	CWE:724
XREF	CWE:928
XREF	CWE:930

### Plugin Information

Published: 2015/08/24, Modified: 2015/08/24

### Plugin Output

tcp/8180/www

The following cookies do not set the secure cookie flag :

Name : JSESSIONID  
Path : /admin  
Value : FF799D920C1F5C2498870A2912437642  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : pma\_theme  
Path : /phpMyAdmin/  
Value : original  
Domain :  
Version : 1  
Expires : Mon, 18-Apr-2022 14:16:14 GMT  
Comment :  
Secure : 0  
Httponly : 1  
Port :

Name : pma\_fontsize  
Path : /phpMyAdmin/  
Value : 82%25  
Domain :  
Version : 1  
Expires : Mon, 18-Apr-2022 14:16:14 GMT  
Comment :  
Secure : 0  
Httponly : 1  
Port :

Name : JSESSIONID  
Path : /jsp-examples  
Value : C5D3F1BE9DED24C8CBD42198CB4945F0  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : PHPSESSID  
Path : /  
Value : e7a05f8a85d6d29931954ee1f90226df  
Domain :  
Version : 1  
Expires :  
Comment :  
Secure : 0  
Httponly : 0  
Port :

Name : phpMyAdmin  
Path : /phpMyAdmin/  
Value : 149178dc849b64656aeb5c026d7efbc998b97db6  
Domain :  
Version : 1  
Expires :

```
Comment :
Secure : 0
Httponly : 1
Port :

Name : pma_lang
Path : /phpMyAdmin/
Value : en-utf-8
Domain :
Version : 1
Expires : Mon, 18-Apr-2022 14:16:14 GMT
Comment :
Secure : 0
Httponly : 1
Port :

Name : pma_charset
Path : /phpMyAdmin/
Value : utf-8
Domain :
Version : 1
Expires : Mon, 18-Apr-2022 14:16:14 GMT
Comment :
Secure : 0
Httponly : 1
Port :

Name : JSESSIONID
Path : /servlets-examples
Value : 0FBE2B8484C9C619AAA73A20B894C1D2
Domain :
Version : 1
Expires :
Comment :
Secure : 0
Httponly : 0
Port :

Name : security
Path : /
Value : high
Domain :
Version : 1
Expires :
Comment :
Secure : 0
Httponly : 0
Port :
```

## 40773 - Web Application Potentially Sensitive CGI Parameter Detection

### Synopsis

An application was found that may use CGI parameters to control sensitive information.

### Description

According to their names, some CGI parameters may control sensitive data (e.g., ID, privileges, commands, prices, credit card data, etc.). In the course of using an application, these variables may disclose sensitive data or be prone to tampering that could result in privilege escalation. These parameters should be examined to determine what type of data is controlled and if it poses a security risk.

\*\* This plugin only reports information that may be useful for auditors

\*\* or pen-testers, not a real flaw.

### Solution

Ensure sensitive data is not disclosed by CGI parameters. In addition, do not use CGI parameters to control access to resources or privileges.

### Risk Factor

None

### Plugin Information

Published: 2009/08/25, Modified: 2021/01/19

### Plugin Output

tcp/80/www

```
Potentially sensitive parameters for CGI /dvwa/login.php :
```

```
password : Possibly a clear or hashed password, vulnerable to sniffing or dictionary attack
```



### Synopsis

The remote web server hosts linkable content that can be crawled by Nessus.

### Description

The remote web server contains linkable content that can be used to gather information about a target.

### See Also

<http://www.nessus.org/u?5496c8d9>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2016/06/24, Modified: 2016/06/24

### Plugin Output

tcp/80/www

The following sitemap was created from crawling linkable content on the target host :

- <http://192.168.21.128/>
- <http://192.168.21.128/dav/>
- <http://192.168.21.128/dvwa/dvwa/>
- <http://192.168.21.128/dvwa/dvwa/css/>
- <http://192.168.21.128/dvwa/dvwa/css/help.css>
- <http://192.168.21.128/dvwa/dvwa/css/login.css>
- <http://192.168.21.128/dvwa/dvwa/css/main.css>
- <http://192.168.21.128/dvwa/dvwa/css/source.css>
- <http://192.168.21.128/dvwa/dvwa/images/>
- <http://192.168.21.128/dvwa/dvwa/images/RandomStorm.png>
- <http://192.168.21.128/dvwa/dvwa/images/dollar.png>
- <http://192.168.21.128/dvwa/dvwa/images/lock.png>
- [http://192.168.21.128/dvwa/dvwa/images/login\\_logo.png](http://192.168.21.128/dvwa/dvwa/images/login_logo.png)
- <http://192.168.21.128/dvwa/dvwa/images/logo.png>
- <http://192.168.21.128/dvwa/dvwa/images/spanner.png>
- <http://192.168.21.128/dvwa/dvwa/images/warning.png>
- <http://192.168.21.128/dvwa/dvwa/includes/>
- <http://192.168.21.128/dvwa/dvwa/includes/DBMS/>
- <http://192.168.21.128/dvwa/dvwa/includes/DBMS/DBMS.php>
- <http://192.168.21.128/dvwa/dvwa/includes/DBMS/MySQL.php>
- <http://192.168.21.128/dvwa/dvwa/includes/dvwaPage.inc.php>
- <http://192.168.21.128/dvwa/dvwa/includes/dvwaPhpIds.inc.php>

```
- http://192.168.21.128/dvwa/dvwa/js/
- http://192.168.21.128/dvwa/dvwa/js/dvwaPage.js
- http://192.168.21.128/dvwa/login.php
- http://192.168.21.128/mutillidae/
- http://192.168.21.128/mutillidae/documentation/
- http://192.168.21.128/mutillidae/documentation/Mutillidae-Test-Scripts.txt
- http://192.168.21.128/mutillidae/documentation/how-to-access-Mutillidae-over-Virtual-Box-
network.php
- http://192.168.21.128/mutillidae/documentation/mutillidae-installation-on-xampp-win7.pdf
- http://192.168.21.128/mutillidae/documentation/sqlmap-help.txt
- http://192.168.21.128/mutillidae/documentation/vulnerabilities.php
- http://192.168.21.128/mutillidae/favicon.ico
- http://192.168.21.128/mutillidae/framer.html
- http://192.168.21.128/mutillidae/index.php
- http://192.168.21.128/mutillidae/set-up-database.php
- http://192.1 [...] ]
```

### Synopsis

The remote web server hosts linkable content that can be crawled by Nessus.

### Description

The remote web server contains linkable content that can be used to gather information about a target.

### See Also

<http://www.nessus.org/u?5496c8d9>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2016/06/24, Modified: 2016/06/24

### Plugin Output

tcp/8180/www

The following sitemap was created from crawling linkable content on the target host :

- <http://192.168.21.128:8180/>
- <http://192.168.21.128:8180/RELEASE-NOTES.txt>
- <http://192.168.21.128:8180/admin/>
- <http://192.168.21.128:8180/admin/error.jsp>
- [http://192.168.21.128:8180/admin/j\\_security\\_check](http://192.168.21.128:8180/admin/j_security_check)
- <http://192.168.21.128:8180/jsp-examples/>
- <http://192.168.21.128:8180/jsp-examples/cal/Entries.java.html>
- <http://192.168.21.128:8180/jsp-examples/cal/Entry.java.html>
- <http://192.168.21.128:8180/jsp-examples/cal/TableBean.java.html>
- <http://192.168.21.128:8180/jsp-examples/cal/cal1.jsp>
- <http://192.168.21.128:8180/jsp-examples/cal/cal1.jsp.html>
- <http://192.168.21.128:8180/jsp-examples/cal/cal2.jsp.html>
- <http://192.168.21.128:8180/jsp-examples/cal/calendar.html>
- <http://192.168.21.128:8180/jsp-examples/cal/login.html>
- <http://192.168.21.128:8180/jsp-examples/checkbox/CheckTest.html>
- <http://192.168.21.128:8180/jsp-examples/checkbox/check.html>
- <http://192.168.21.128:8180/jsp-examples/checkbox/checkresult.jsp>
- <http://192.168.21.128:8180/jsp-examples/checkbox/checkresult.jsp.html>
- <http://192.168.21.128:8180/jsp-examples/checkbox/cresult.html>
- <http://192.168.21.128:8180/jsp-examples/colors/ColorGameBean.html>
- <http://192.168.21.128:8180/jsp-examples/colors/clr.html>
- <http://192.168.21.128:8180/jsp-examples/colors/colors.html>

```
- http://192.168.21.128:8180/jsp-examples/colors/colrs.jsp
- http://192.168.21.128:8180/jsp-examples/colors/colrs.jsp.html
- http://192.168.21.128:8180/jsp-examples/dates/date.html
- http://192.168.21.128:8180/jsp-examples/dates/date.jsp
- http://192.168.21.128:8180/jsp-examples/dates/date.jsp.html
- http://192.168.21.128:8180/jsp-examples/error/er.html
- http://192.168.21.128:8180/jsp-examples/error/err.jsp
- http://192.168.21.128:8180/jsp-examples/error/err.jsp.html
- http://192.168.21.128:8180/jsp-examples/error/error.html
- http://192.168.21.128:8180/jsp-examples/forward/forward.jsp
- http://192.168.21.128:8180/jsp-examples/forw [...]
```

### Synopsis

The remote web server contains a graphic image that is prone to information disclosure.

### Description

The 'favicon.ico' file found on the remote web server belongs to a popular web server. This may be used to fingerprint the web server.

### Solution

Remove the 'favicon.ico' file or create a custom one for your site.

### Risk Factor

None

### Plugin Information

Published: 2005/10/28, Modified: 2020/06/12

### Plugin Output

tcp/8180/www

```
MD5 fingerprint : 4644f2d45601037b8423d45e13194c93
Web server      : Apache Tomcat or Alfresco Community
```

## 11032 - Web Server Directory Enumeration

### Synopsis

It is possible to enumerate directories on the web server.

### Description

This plugin attempts to determine the presence of various common directories on the remote web server. By sending a request for a directory, the web server response code indicates if it is a valid directory or not.

### See Also

<http://projects.webappsec.org/w/page/13246953/Predictable%20Resource%20Location>

### Solution

n/a

### Risk Factor

None

### References

XREF           OWASP:OWASP-CM-006

### Plugin Information

Published: 2002/06/26, Modified: 2021/08/17

### Plugin Output

tcp/80/www

```
The following directories were discovered:  
/cgi-bin, /doc, /test, /icons, /phpMyAdmin, /twiki/bin
```

```
While this is not, in and of itself, a bug, you should manually inspect  
these directories to ensure that they are in compliance with company  
security standards
```

## 11032 - Web Server Directory Enumeration

### Synopsis

It is possible to enumerate directories on the web server.

### Description

This plugin attempts to determine the presence of various common directories on the remote web server. By sending a request for a directory, the web server response code indicates if it is a valid directory or not.

### See Also

<http://projects.webappsec.org/w/page/13246953/Predictable%20Resource%20Location>

### Solution

n/a

### Risk Factor

None

### References

XREF           OWASP:OWASP-CM-006

### Plugin Information

Published: 2002/06/26, Modified: 2021/08/17

### Plugin Output

tcp/8180/www

```
The following directories were discovered:  
/admin, /jsp-examples, /servlets-examples
```

```
While this is not, in and of itself, a bug, you should manually inspect  
these directories to ensure that they are in compliance with company  
security standards
```

```
The following directories require authentication:  
/host-manager/html, /manager/html
```

## 49705 - Web Server Harvested Email Addresses

### Synopsis

Email addresses were harvested from the web server.

### Description

Nessus harvested HREF mailto: links and extracted email addresses by crawling the remote web server.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2010/10/04, Modified: 2018/05/24

### Plugin Output

tcp/80/www

The following email address has been gathered :

- 'SomeWikiName@somewhere.test', referenced from :  
/twiki/TWikiHistory.html



## 49705 - Web Server Harvested Email Addresses

### Synopsis

Email addresses were harvested from the web server.

### Description

Nessus harvested HREF mailto: links and extracted email addresses by crawling the remote web server.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2010/10/04, Modified: 2018/05/24

### Plugin Output

tcp/8180/www

The following email addresses have been gathered :

- 'craigmcc@apache.org', referenced from :  
/tomcat-docs/appdev/printer/index.html  
/tomcat-docs/appdev/index.html  
/tomcat-docs/appdev/  
/tomcat-docs/appdev/printer/
- 'yoavs@apache.org', referenced from :  
/tomcat-docs/architecture/printer/  
/tomcat-docs/architecture/index.html  
/tomcat-docs/architecture/printer/index.html  
/tomcat-docs/architecture/
- 'users@tomcat.apache.org', referenced from :  
/
- 'jfarcaand@apache.org', referenced from :  
/tomcat-docs/architecture/  
/tomcat-docs/architecture/printer/index.html  
/tomcat-docs/architecture/printer/  
/tomcat-docs/architecture/index.html
- 'fhanik@apache.org', referenced from :  
/tomcat-docs/architecture/printer/index.html  
/tomcat-docs/architecture/  
/tomcat-docs/architecture/printer/  
/tomcat-docs/architecture/index.html

```
- 'dev@tomcat.apache.org', referenced from :  
/
```

### Synopsis

---

The remote web server hosts office-related files.

### Description

---

This plugin connects to the remote web server and attempts to find office-related files such as .doc, .ppt, .xls, .pdf etc.

### Solution

---

Make sure that such files do not contain any confidential or otherwise sensitive information and that they are only accessible to those with valid credentials.

### Risk Factor

---

None

### Plugin Information

---

Published: 2003/03/19, Modified: 2021/01/19

### Plugin Output

---

tcp/80/www

```
The following office-related files are available on the remote server :
```

- ```
- Adobe Acrobat files (.pdf) :  
  /mutillidae/documentation/mutillidae-installation-on-xampp-win7.pdf
```

### Synopsis

---

The remote web server hosts office-related files.

### Description

---

This plugin connects to the remote web server and attempts to find office-related files such as .doc, .ppt, .xls, .pdf etc.

### Solution

---

Make sure that such files do not contain any confidential or otherwise sensitive information and that they are only accessible to those with valid credentials.

### Risk Factor

---

None

### Plugin Information

---

Published: 2003/03/19, Modified: 2021/01/19

### Plugin Output

---

tcp/8180/www

```
The following office-related files are available on the remote server :
```

- ```
- Adobe Acrobat files (.pdf) :  
  /tomcat-docs/architecture/requestProcess/requestProcess.pdf  
  /tomcat-docs/architecture/startup/serverStartup.pdf
```

## 11422 - Web Server Unconfigured - Default Install Page Present

### Synopsis

The remote web server is not configured or is improperly configured.

### Description

The remote web server uses its default welcome page. Therefore, it's probable that this server is not used at all or is serving content that is meant to be hidden.

### Solution

Disable this service if you do not use it.

### Risk Factor

None

### Plugin Information

Published: 2003/03/20, Modified: 2018/08/15

### Plugin Output

tcp/8180/www

```
The default welcome page is from Tomcat.
```

### Synopsis

Nessus can crawl the remote website.

### Description

This plugin makes a mirror of the remote website(s) and extracts the list of CGIs that are used by the remote host.

It is suggested that you change the number of pages to mirror in the 'Options' section of the client.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2001/05/04, Modified: 2022/02/14

### Plugin Output

tcp/80/www

```
Webmirror performed 100 queries in 6s (16.0666 queries per second)
```

```
The following CGIs have been discovered :
```

```
+ CGI : /phpMyAdmin/phpmyadmin.css.php
  Methods : GET
  Argument : js_frame
    Value: right
  Argument : nocache
    Value: 2457687233
  Argument : token
    Value: 712d6df2563cf0e9faca12d63e3d4f04

+ CGI : /phpMyAdmin/index.php
  Methods : POST
  Argument : db
  Argument : lang
  Argument : pma_password
  Argument : pma_username
  Argument : server
    Value: 1
  Argument : table
  Argument : token
    Value: 712d6df2563cf0e9faca12d63e3d4f04
```

```
+ CGI : /mutillidae/index.php
Methods : GET
Argument : do
  Value: toggle-security
Argument : page
  Value: notes.php
Argument : username
  Value: anonymous

+ CGI : /mutillidae/
Methods : GET
Argument : page
  Value: source-viewer.php

+ CGI : /rdiff/TWiki/TWikiHistory
Methods : GET
Argument : rev1
  Value: 1.8
Argument : rev2
  Value: 1.7

+ CGI : /view/TWiki/TWikiHistory
Methods : GET
Argument : rev
  Value: 1.7

+ CGI : /oops/TWiki/TWikiHistory
Methods : GET
Argument : param1
  Value: 1.10
Argument : template
  Value: oopsrev

+ CGI : /twiki/bin/view/Main/WebHome
Methods : GET
Argument : topic

+ CGI : /twiki/bin/search/Main/SearchResult
Methods : GET
Argument : search

+ CGI : /twiki/bin/view/Main/WebHome/twiki/bin/edit/Main/WebHome
Methods : GET
Argument : t
  Value: 1647699377

+ CGI : /twiki/bin/view/Main/WebHome/twiki/bin/search/Main/SearchResult
Methods : GET
Argument : regex
  Value: on
Argument : scope
  Value: text
Argument : search
  Value: Web%20*Home%5B%5EA-Za-z%5D

+ CGI : /twiki/bin/view/Main/WebHome/twiki/bin/view/Main/WebHome
Methods : GET
Argument : rev
  Value: 1.18
Argument : skin
```

Value: print

```
+ CGI : /twiki/bin/view/Main/WebHome/twiki/bin/rdiff/Main/WebHome
Methods : GET
Argument : rev1
Value: 1.19
Argument : rev2
Value: 1.18

+ CGI : /twiki/bin/view/Main/WebHome/twiki/bin/oops/Main/WebHome
Methods : GET
Argument : param1
Value: 1.20
Argument : ...]
```



## 10662 - Web mirroring

### Synopsis

Nessus can crawl the remote website.

### Description

This plugin makes a mirror of the remote website(s) and extracts the list of CGIs that are used by the remote host.

It is suggested that you change the number of pages to mirror in the 'Options' section of the client.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2001/05/04, Modified: 2022/02/14

### Plugin Output

tcp/8180/www

```
Webmirror performed 551 queries in 52s (10.0596 queries per second)
```

```
The following CGIs have been discovered :
```

```
+ CGI : /jsp-examples/jsp2/el/implicit-objects.jsp
  Methods : GET
  Argument : foo
  Value: bar

+ CGI : /jsp-examples/jsp2/el/functions.jsp
  Methods : GET
  Argument : foo
  Value: JSP+2.0

+ CGI : /admin/j_security_check
  Methods : POST
  Argument : j_password
  Argument : j_username

+ CGI : /jsp-examples/num/numguess.jsp
  Methods : GET
  Argument : guess
```

```
+ CGI : /jsp-examples/error/err.jsp
Methods : GET
Argument : name
Value: audi
Argument : submit
Value: Submit

+ CGI : /jsp-examples/sessions/carts.jsp
Methods : GET
Argument : item
Argument : submit
Value: remove

+ CGI : /jsp-examples/checkbox/checkresult.jsp
Methods : GET
Argument : fruit
Value: melons
Argument : submit
Value: Submit

+ CGI : /jsp-examples/colors/colrs.jsp
Methods : GET,POST
Argument : action
Value: Hint
Argument : color1
Argument : color2

+ CGI : /jsp-examples/cal/call.jsp
Methods : GET
Argument : action
Value: Submit
Argument : email
Argument : name

+ CGI : /servlets-examples/servlet/RequestParamExample
Methods : POST
Argument : firstname
Argument : lastname

+ CGI : /servlets-examples/servlet/CookieExample
Methods : POST
Argument : cookiename
Argument : cookievalue

+ CGI : /servlets-examples/servlet/SessionExample;jsessionid=0FBE2B8484C9C619AAA73A20B894C1D2
Methods : GET,POST
Argument : dataname
Value: foo
Argument : datavalue
Value: bar
```

## 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

## 24004 - WebDAV Directory Enumeration

### Synopsis

Several directories on the remote host are DAV-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

Disable DAV support if you do not use it.

### Risk Factor

None

### Plugin Information

Published: 2007/01/11, Modified: 2011/03/14

### Plugin Output

tcp/80/www

```
The following directories are DAV enabled :  
- /dav/
```

### 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.
```

## 17219 - phpMyAdmin Detection

### Synopsis

The remote web server hosts a database management application written in PHP.

### Description

The remote host is running phpMyAdmin, a web-based MySQL administration tool written in PHP.

### See Also

<https://www.phpmyadmin.net/>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2005/02/25, Modified: 2019/11/22

### Plugin Output

tcp/80/www

```
The following instance of phpMyAdmin was detected on the remote host :
```

```
Version : 3.1.1
URL      : http://192.168.21.128/phpMyAdmin/
```

## 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
```