

Scan Report

December 19, 2025

Summary

This document reports on the results of an automatic security scan. All dates are displayed using the timezone “Coordinated Universal Time”, which is abbreviated “UTC”. The task was “Scan Completa Metasploitable”. The scan started at Fri Dec 19 16:14:15 2025 UTC and ended at Fri Dec 19 19:00:07 2025 UTC. The report first summarises the results found. Then, for each host, the report describes every issue found. Please consider the advice given in each description, in order to rectify the issue.

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1 Result Overview

Host	Critical	High	Medium	Low	Log	False P.
192.168.50.101 METASPLOITABLE	10	5	38	6	0	0
Total: 1	10	5	38	6	0	0

Vendor security updates are not trusted.

Overrides are off. Even when a result has an override, this report uses the actual threat of the result.

Information on overrides is included in the report.

Notes are included in the report.

This report might not show details of all issues that were found.

Issues with the threat level “Log” are not shown.

Issues with the threat level “Debug” are not shown.

Issues with the threat level “False Positive” are not shown.

Only results with a minimum QoD of 70 are shown.

This report contains all 59 results selected by the filtering described above. Before filtering there were 566 results.

1.1 Host Authentications

Host	Protocol	Result	Port/User
192.168.50.101 - METASPLOITABLE	SMB	Success	Protocol SMB, Port 445, User

2 Results per Host

2.1 192.168.50.101

Host scan start Fri Dec 19 16:17:29 2025 UTC

Host scan end Fri Dec 19 19:00:03 2025 UTC

Service (Port)	Threat Level
general/tcp	Critical
6200/tcp	Critical
3632/tcp	Critical
8787/tcp	Critical
21/tcp	Critical
80/tcp	Critical
5900/tcp	Critical
5432/tcp	Critical
1524/tcp	Critical

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Service (Port)	Threat Level
1099/tcp	High
21/tcp	High
80/tcp	High
5432/tcp	High
2121/tcp	Medium
25/tcp	Medium
21/tcp	Medium
80/tcp	Medium
445/tcp	Medium
22/tcp	Medium
5900/tcp	Medium
5432/tcp	Medium
general/tcp	Low
25/tcp	Low
general/icmp	Low
22/tcp	Low
5432/tcp	Low

2.1.1 Critical general/tcp

Critical (CVSS: 10.0)

NVT: Operating System (OS) End of Life (EOL) Detection

Product detection result

cpe:/o:canonical:ubuntu_linux:8.04

Detected by OS Detection Consolidation and Reporting (OID: 1.3.6.1.4.1.25623.1.0
↪.105937)

Summary

The Operating System (OS) on the remote host has reached the end of life (EOL) and should not be used anymore.

Quality of Detection (QoD): 80%

Vulnerability Detection Result

The "Ubuntu" Operating System on the remote host has reached the end of life.

CPE: cpe:/o:canonical:ubuntu_linux:8.04

Installed version,

build or SP: 8.04

EOL date: 2013-05-09

EOL info: <https://wiki.ubuntu.com/Releases>

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Impact An EOL version of an OS is not receiving any security updates from the vendor. Unfixed security vulnerabilities might be leveraged by an attacker to compromise the security of this host.
Solution: Solution type: Mitigation Update the OS on the remote host to a version which is still supported and receiving security updates by the vendor. Note / Important: Please create an override for this result if the target host is a: - Windows system with Extended Security Updates (ESU) - System with additional 3rd-party / non-vendor security updates like e.g. from 'TuxCare', 'Freexian Extended LTS' or similar
Vulnerability Detection Method Checks if an EOL version of an OS is present on the target host. Details: Operating System (OS) End of Life (EOL) Detection OID:1.3.6.1.4.1.25623.1.0.103674 Version used: 2025-05-21T05:40:19Z
Product Detection Result Product: cpe:/o:canonical:ubuntu_linux:8.04 Method: OS Detection Consolidation and Reporting OID: 1.3.6.1.4.1.25623.1.0.105937)

[\[return to 192.168.50.101 \]](#)

2.1.2 Critical 6200/tcp

Critical (CVSS: 9.8) NVT: vsftpd Compromised Source Packages Backdoor Vulnerability
Summary vsftpd is prone to a backdoor vulnerability.
Quality of Detection (QoD): 99%
Vulnerability Detection Result Vulnerability was detected according to the Vulnerability Detection Method.
Impact Attackers can exploit this issue to execute arbitrary commands in the context of the application. Successful attacks will compromise the affected application.
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Solution: Solution type: VendorFix The repaired package can be downloaded from the referenced vendor homepage. Please validate the package with its signature.
Affected Software/OS The vsftpd 2.3.4 source package downloaded between 20110630 and 20110703 is affected.
Vulnerability Insight The tainted source package contains a backdoor which opens a shell on port 6200/tcp.
Vulnerability Detection Method Details: vsftpd Compromised Source Packages Backdoor Vulnerability OID:1.3.6.1.4.1.25623.1.0.103185 Version used: 2023-12-07T05:05:41Z
References cve: CVE-2011-2523 url: https://scarybeastsecurity.blogspot.com/2011/07/alert-vsftpd-download-backdoor.html url: https://web.archive.org/web/20210127090551/https://www.securityfocus.com/bid/48539/ url: https://security.appspot.com/vsftpd.html

[\[return to 192.168.50.101 \]](#)

2.1.3 Critical 3632/tcp

Critical (CVSS: 9.3) NVT: DistCC RCE Vulnerability (CVE-2004-2687)
Summary DistCC is prone to a remote code execution (RCE) vulnerability.
Quality of Detection (QoD): 99%
Vulnerability Detection Result It was possible to execute the "id" command. Result: uid=1(daemon) gid=1(daemon)
Impact DistCC by default trusts its clients completely that in turn could allow a malicious client to execute arbitrary commands on the server.
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Solution:**Solution type:** VendorFix

Vendor updates are available. Please see the references for more information.

For more information about DistCC's security see the references.

Vulnerability Insight

DistCC 2.x, as used in XCode 1.5 and others, when not configured to restrict access to the server port, allows remote attackers to execute arbitrary commands via compilation jobs, which are executed by the server without authorization checks.

Vulnerability Detection Method

Details: DistCC RCE Vulnerability (CVE-2004-2687)

OID:1.3.6.1.4.1.25623.1.0.103553

Version used: 2022-07-07T10:16:06Z

References

cve: CVE-2004-2687

url: <https://distcc.github.io/security.html>

url: <https://web.archive.org/web/20150511045306/http://archives.neohapsis.com:80>
 ↪/archives/bugtraq/2005-03/0183.html

dfn-cert: DFN-CERT-2019-0381

[\[return to 192.168.50.101 \]](#)**2.1.4 Critical 8787/tcp****Critical (CVSS: 10.0)****NVT: Distributed Ruby (dRuby/DRb) Multiple RCE Vulnerabilities****Summary**

Systems using Distributed Ruby (dRuby/DRb), which is available in Ruby versions 1.6 and later, may permit unauthorized systems to execute distributed commands.

Quality of Detection (QoD): 99%**Vulnerability Detection Result**

The service is running in \$SAFE >= 1 mode. However it is still possible to run a ↪bitrary syscall commands on the remote host. Sending an invalid syscall the s ↪ervice returned the following response:

```
Flo:Errno::ENOSYS:bt["3/usr/lib/ruby/1.8/drb/drb.rb:1555:in 'syscall'"0/usr/lib/
↪ruby/1.8/drb/drb.rb:1555:in 'send'"4/usr/lib/ruby/1.8/drb/drb.rb:1555:in '__se
↪nd__'"A/usr/lib/ruby/1.8/drb/drb.rb:1555:in 'perform_without_block'"3/usr/lib/
```

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Impact By default, Distributed Ruby does not impose restrictions on allowed hosts or set the \$SAFE environment variable to prevent privileged activities. If other controls are not in place, especially if the Distributed Ruby process runs with elevated privileges, an attacker could execute arbitrary system commands or Ruby scripts on the Distributed Ruby server. An attacker may need to know only the URI of the listening Distributed Ruby server to submit Ruby commands.
Solution: Solution type: Mitigation Administrators of environments that rely on Distributed Ruby should ensure that appropriate controls are in place. Code-level controls may include: - Implementing taint on untrusted input - Setting \$SAFE levels appropriately (>=2 is recommended if untrusted hosts are allowed to submit Ruby commands, and >=3 may be appropriate) - Including drb/acl.rb to set ACLEntry to restrict access to trusted hosts
Vulnerability Detection Method Send a crafted command to the service and check for a remote command execution via the instance_eval or syscall requests. Details: Distributed Ruby (dRuby/DRb) Multiple RCE Vulnerabilities OID:1.3.6.1.4.1.25623.1.0.108010 Version used: 2024-06-28T05:05:33Z
References url: https://tools.cisco.com/security/center/viewAlert.x?alertId=22750 url: http://www.securityfocus.com/bid/47071 url: http://blog.recurity-labs.com/archives/2011/05/12/druby_for_penetration_tes ↪ters/ url: http://www.ruby-doc.org/stdlib-1.9.3/libdoc/drb/rdoc/DRb.html

[return to 192.168.50.101]

2.1.5 Critical 21/tcp

Critical (CVSS: 9.8)	
NVT: vsftpd Compromised Source Packages Backdoor Vulnerability	
Product detection result cpe:/a:beasts:vsftpd:2.3.4 Detected by vsFTPd FTP Server Detection (OID: 1.3.6.1.4.1.25623.1.0.111050)	
Summary vsftpd is prone to a backdoor vulnerability.	
Quality of Detection (QoD): 99%	
Vulnerability Detection Result Vulnerability was detected according to the Vulnerability Detection Method.	
Impact Attackers can exploit this issue to execute arbitrary commands in the context of the application. Successful attacks will compromise the affected application.	
Solution: Solution type: VendorFix The repaired package can be downloaded from the referenced vendor homepage. Please validate the package with its signature.	
Affected Software/OS The vsftpd 2.3.4 source package downloaded between 20110630 and 20110703 is affected.	
Vulnerability Insight The tainted source package contains a backdoor which opens a shell on port 6200/tcp.	
Vulnerability Detection Method Details: vsftpd Compromised Source Packages Backdoor Vulnerability OID:1.3.6.1.4.1.25623.1.0.103185 Version used: 2023-12-07T05:05:41Z	
Product Detection Result Product: cpe:/a:beasts:vsftpd:2.3.4 Method: vsFTPd FTP Server Detection OID: 1.3.6.1.4.1.25623.1.0.111050)	
References cve: CVE-2011-2523 url: https://scarybeastsecurity.blogspot.com/2011/07/alert-vsftpd-download-backd ... continues on next page ...	

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↵oored.html url: https://web.archive.org/web/20210127090551/https://www.securityfocus.com/bi ↵d/48539/ url: https://security.appspot.com/vsftpd.html

[[return to 192.168.50.101](#)]

2.1.6 Critical 80/tcp

Critical (CVSS: 10.0)
NVT: TWiki < 4.2.4 Multiple XSS / Command Execution Vulnerabilities
Summary TWiki is prone to multiple cross-site scripting (XSS) and command execution vulnerabilities.
Quality of Detection (QoD): 80%
Vulnerability Detection Result Installed version: 01.Feb.2003 Fixed version: 4.2.4
Impact Successful exploitation could allow execution of arbitrary script code or commands. This could let attackers steal cookie-based authentication credentials or compromise the affected application.
Solution: Solution type: VendorFix Update to version 4.2.4 or later.
Affected Software/OS TWiki versions prior to 4.2.4.
Vulnerability Insight The flaws are due to: - %URLPARAM}% variable is not properly sanitized which lets attackers conduct cross-site scripting attack. - %SEARCH}% variable is not properly sanitised before being used in an eval() call which lets the attackers execute perl code through eval injection attack.
Vulnerability Detection Method Details: TWiki < 4.2.4 Multiple XSS / Command Execution Vulnerabilities OID:1.3.6.1.4.1.25623.1.0.800320 Version used: 2025-12-11T05:46:19Z
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References

cve: CVE-2008-5304

cve: CVE-2008-5305

url: <http://twiki.org/cgi-bin/view/Codev.SecurityAlert-CVE-2008-5304>url: <http://www.securityfocus.com/bid/32668>url: <http://www.securityfocus.com/bid/32669>url: <http://twiki.org/cgi-bin/view/Codev.SecurityAlert-CVE-2008-5305>**Critical (CVSS: 9.8)****NVT: PHP < 5.3.13, 5.4.x < 5.4.3 Multiple Vulnerabilities - Active Check****Summary**

PHP is prone to multiple vulnerabilities.

Quality of Detection (QoD): 95%**Vulnerability Detection Result**

By doing the following HTTP POST request:

"HTTP POST" body : <?php phpinfo();?>

URL : <http://192.168.50.101/cgi-bin/php?%2D%64+%61%6C%6C%6F%77%5F%75%72%6C%5F%69%6E%63%6C%75%64%65%3D%6F%6E+%2D%64+%73%61%66%65%5F%6D%6F%64%65%3D%6F%66%66+%2D%64+%73%75%68%6F%73%69%6E%2E%73%69%6D%75%6C%61%74%69%6F%6E%3D%6F%6E+%2D%64+%64%69%73%61%62%6C%65%5F%66%75%6E%63%74%69%6F%6E%73%3D%22%22+%2D%64+%6F%70%65%6E%5F%62%61%73%65%64%69%72%3D%6E%6F%6E%65+%2D%64+%61%75%74%6F%5F%70%72%65%70%65%6E%64%5F%66%69%6C%65%3D%70%68%70%3A%2F%2F%69%6E%70%75%74+%2D%64+%63%67%69%2E%66%6F%72%63%65%5F%72%65%64%69%72%65%63%74%3D%30+%2D%64+%63%67%69%2E%72%65%64%69%72%65%63%74%5F%73%74%61%74%75%73%5F%65%6E%76%3D%30+%2D%6E>

it was possible to execute the "<?php phpinfo();?>" command.

Result:

```
<title>phpinfo()</title><meta name="ROBOTS" content="NOINDEX,NOFOLLOW,NOARCHIV
↵E" /></head>
<tr><td class="e">Configuration File (php.ini) Path </td><td class="v">/etc/ph
↵p5/cgi </td></tr>
<h2>PHP Core</h2>
<h2>PHP Variables</h2>
```

Impact

Exploiting this issue allows remote attackers to view the source code of files in the context of the server process. This may allow the attacker to obtain sensitive information and to run arbitrary PHP code on the affected computer. Other attacks are also possible.

Solution:**Solution type:** VendorFix

PHP: Update to version 5.3.13, 5.4.3 or later

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- Other products / applications: Please contact the vendor for a solution
Affected Software/OS PHP versions prior to 5.3.13 and 5.4.x prior to 5.4.3. Other products / applications might be affected by the tested CVE-2012-1823 as well.
Vulnerability Insight When PHP is used in a CGI-based setup (such as Apache's mod_cgid), the php-cgi receives a processed query string parameter as command line arguments which allows command-line switches, such as -s, -d or -c to be passed to the php-cgi binary, which can be exploited to disclose source code and obtain arbitrary code execution. An example of the -s command, allowing an attacker to view the source code of index.php is below: http://example.com/index.php?-s
Vulnerability Detection Method Send multiple a crafted HTTP POST requests and checks the responses. Notes: - This script checks for the presence of CVE-2012-1823 which indicates that the system is also affected by the other included CVEs. - It is currently expected that a result of this VT is reported if the system is generally exposing a phpinfo() output on the relevant URL / endpoint (independent from the running product). Exposing such sensitive information is generally seen as a security misconfiguration and should be avoided. Details: PHP < 5.3.13, 5.4.x < 5.4.3 Multiple Vulnerabilities - Active Check OID:1.3.6.1.4.1.25623.1.0.103482 Version used: 2025-11-11T05:40:18Z
References cve: CVE-2012-1823 cve: CVE-2012-2311 cve: CVE-2012-2336 cve: CVE-2012-2335 url: https://web.archive.org/web/20190212080415/http://eindbazen.net/2012/05/php-cgi-advisory-cve-2012-1823/ url: https://www.kb.cert.org/vuls/id/520827 url: https://bugs.php.net/bug.php?id=61910 url: https://www.php.net/manual/en/security.cgi-bin.php url: https://web.archive.org/web/20210121223743/http://www.securityfocus.com/bid/53388 url: https://web.archive.org/web/20120709064615/http://www.h-online.com/open/new-s/item/Critical-open-hole-in-PHP-creates-risks-Update-2-1567532.html url: https://www.cisa.gov/known-exploited-vulnerabilities-catalog cisa: Known Exploited Vulnerability (KEV) catalog dfn-cert: DFN-CERT-2013-1494 dfn-cert: DFN-CERT-2012-1316
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dfn-cert: DFN-CERT-2012-1276
dfn-cert: DFN-CERT-2012-1268
dfn-cert: DFN-CERT-2012-1267
dfn-cert: DFN-CERT-2012-1266
dfn-cert: DFN-CERT-2012-1173
dfn-cert: DFN-CERT-2012-1101
dfn-cert: DFN-CERT-2012-0994
dfn-cert: DFN-CERT-2012-0993
dfn-cert: DFN-CERT-2012-0992
dfn-cert: DFN-CERT-2012-0920
dfn-cert: DFN-CERT-2012-0915
dfn-cert: DFN-CERT-2012-0914
dfn-cert: DFN-CERT-2012-0913
dfn-cert: DFN-CERT-2012-0907
dfn-cert: DFN-CERT-2012-0906
dfn-cert: DFN-CERT-2012-0900
dfn-cert: DFN-CERT-2012-0880
dfn-cert: DFN-CERT-2012-0878

[\[return to 192.168.50.101 \]](#)

2.1.7 Critical 5900/tcp

Critical (CVSS: 9.0) NVT: VNC Brute Force Login
Summary Try to log in with given passwords via VNC protocol.
Quality of Detection (QoD): 95%
Vulnerability Detection Result It was possible to connect to the VNC server with the password: password
Solution: Solution type: Mitigation Change the password to something hard to guess or enable password protection at all.
Vulnerability Insight This script tries to authenticate to a VNC server with the passwords set in the password preference. It will also test and report if no authentication / password is required at all.
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<p>Note: Some VNC servers have a blacklisting scheme that blocks IP addresses after five unsuccessful connection attempts for a period of time. The script will abort the brute force attack if it encounters that it gets blocked.</p> <p>Note as well that passwords can be max. 8 characters long.</p>
<p>Vulnerability Detection Method Details: VNC Brute Force Login OID:1.3.6.1.4.1.25623.1.0.106056 Version used: 2021-07-23T07:56:26Z</p>

[\[return to 192.168.50.101 \]](#)

2.1.8 Critical 5432/tcp

<p>Critical (CVSS: 9.0)</p> <p>NVT: PostgreSQL Default Credentials (PostgreSQL Protocol)</p>
<p>Product detection result cpe:/a:postgresql:postgresql:8.3.1 Detected by PostgreSQL Detection Consolidation (OID: 1.3.6.1.4.1.25623.1.0.12802 ↪5)</p>
<p>Summary It was possible to login into the remote PostgreSQL as user postgres using weak credentials.</p>
<p>Quality of Detection (QoD): 99%</p>
<p>Vulnerability Detection Result It was possible to login as user postgres with password "postgres".</p>
<p>Solution: Solution type: Mitigation Change the password as soon as possible.</p>
<p>Vulnerability Detection Method Details: PostgreSQL Default Credentials (PostgreSQL Protocol) OID:1.3.6.1.4.1.25623.1.0.103552 Version used: 2024-07-19T15:39:06Z</p>
<p>Product Detection Result Product: cpe:/a:postgresql:postgresql:8.3.1 Method: PostgreSQL Detection Consolidation</p>
<p>... continues on next page ...</p>

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OID: 1.3.6.1.4.1.25623.1.0.128025)

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2.1.9 Critical 1524/tcp

Critical (CVSS: 10.0) NVT: Possible Backdoor: Ingreslock
Summary A backdoor is installed on the remote host.
Quality of Detection (QoD): 99%
Vulnerability Detection Result The service is answering to an 'id;' command with the following response: uid=0(↪root) gid=0(root)
Impact Attackers can exploit this issue to execute arbitrary commands in the context of the application. Successful attacks will compromise the affected isystem.
Solution: Solution type: Workaround A whole cleanup of the infected system is recommended.
Vulnerability Detection Method Details: Possible Backdoor: Ingreslock OID:1.3.6.1.4.1.25623.1.0.103549 Version used: 2023-07-25T05:05:58Z

[\[return to 192.168.50.101 \]](#)

2.1.10 High 1099/tcp

High (CVSS: 7.5) NVT: Java RMI Server Insecure Default Configuration RCE Vulnerability - Active Check
Summary ... continues on next page ...

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Multiple Java products that implement the RMI Server contain a vulnerability that could allow an unauthenticated, remote attacker to execute arbitrary code (remote code execution/RCE) on a targeted system with elevated privileges.	
Quality of Detection (QoD): 95%	
Vulnerability Detection Result By doing an RMI request it was possible to trigger the vulnerability and make the remote host sending a request back to the scanner host (Details on the received packet follows). Destination IP: 192.168.50.100 (receiving IP on scanner host side) Destination port: 24738/tcp (receiving port on scanner host side) Originating IP: 192.168.50.101 (originating IP from target host side)	
Impact An unauthenticated, remote attacker could exploit the vulnerability by transmitting crafted packets to the affected software. When the packets are processed, the attacker could execute arbitrary code on the system with elevated privileges.	
Solution: Solution type: Workaround Disable class-loading. Please contact the vendor of the affected system for additional guidance.	
Vulnerability Insight The vulnerability exists because of an incorrect default configuration of the Remote Method Invocation (RMI) Server in the affected software.	
Vulnerability Detection Method Sends a crafted JRMI request and checks if the target is connecting back to the scanner host. Note: For a successful detection of this flaw the target host needs to be able to reach the scanner host on a TCP port randomly generated during the runtime of the VT (currently in the range of 10000-32000). Details: Java RMI Server Insecure Default Configuration RCE Vulnerability - Active Check OID:1.3.6.1.4.1.25623.1.0.140051 Version used: 2025-04-11T15:45:04Z	
References cve: CVE-2011-3556 url: https://web.archive.org/web/20211208040855/http://www.securitytracker.com/id?1026215 url: https://web.archive.org/web/20110824060234/http://download.oracle.com/javase/1.3/docs/guide/rmi/spec/rmi-protocol.html url: https://tools.cisco.com/security/center/viewAlert.x?alertId=23665 dfn-cert: DFN-CERT-2012-1829 dfn-cert: DFN-CERT-2012-1380 dfn-cert: DFN-CERT-2012-1377	
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```

dfn-cert: DFN-CERT-2012-1156
dfn-cert: DFN-CERT-2012-1155
dfn-cert: DFN-CERT-2012-0956
dfn-cert: DFN-CERT-2012-0828
dfn-cert: DFN-CERT-2012-0815
dfn-cert: DFN-CERT-2012-0638
dfn-cert: DFN-CERT-2012-0451
dfn-cert: DFN-CERT-2012-0418
dfn-cert: DFN-CERT-2012-0354
dfn-cert: DFN-CERT-2012-0146
dfn-cert: DFN-CERT-2012-0142
dfn-cert: DFN-CERT-2012-0126
dfn-cert: DFN-CERT-2012-0095
dfn-cert: DFN-CERT-2012-0047
dfn-cert: DFN-CERT-2011-1844
dfn-cert: DFN-CERT-2011-1826
dfn-cert: DFN-CERT-2011-1804
dfn-cert: DFN-CERT-2011-1743
dfn-cert: DFN-CERT-2011-1738
dfn-cert: DFN-CERT-2011-1706
dfn-cert: DFN-CERT-2011-1628
dfn-cert: DFN-CERT-2011-1627
dfn-cert: DFN-CERT-2011-1619

```

[\[return to 192.168.50.101 \]](#)

2.1.11 High 21/tcp

High (CVSS: 7.5)

NVT: FTP Brute Force Logins With Default Credentials Reporting

Summary

It was possible to login into the remote FTP server using weak/known credentials.

Quality of Detection (QoD): 95%

Vulnerability Detection Result

It was possible to login with the following credentials <User>:<Password>

```

msfadmin:msfadmin
postgres:postgres
service:service
user:user

```

Impact

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This issue may be exploited by a remote attacker to e.g. gain access to sensitive information or modify system configuration.
Solution: Solution type: Mitigation Change the password as soon as possible.
Vulnerability Insight The following devices are / software is known to be affected: - CVE-2001-1594: Codonics printer FTP service as used in GE Healthcare eNTEGRA P&R - CVE-2013-7404: GE Healthcare Discovery NM 750b - CVE-2014-9198: Schneider Electric ETG3000 FactoryCast HMI gateways - CVE-2015-7261: QNAP iArtist Lite distributed with QNAP Signage Station - CVE-2016-8731: Foscam C1 devices - CVE-2017-8218: vsftpd on TP-Link C2 and C20i devices - CVE-2018-9068: IMM2 for IBM and Lenovo System x - CVE-2018-17771: Ingenico Telium 2 PoS terminals - CVE-2018-19063, CVE-2018-19064: Foscam C2 and Opticam i5 devices Note: As the VT 'FTP Brute Force Logins With Default Credentials' (OID: 1.3.6.1.4.1.25623.1.0.108717) might run into a timeout the actual reporting of this vulnerability takes place in this VT instead.
Vulnerability Detection Method Reports weak/known credentials detected by the VT 'FTP Brute Force Logins With Default Credentials' (OID: 1.3.6.1.4.1.25623.1.0.108717). Details: FTP Brute Force Logins With Default Credentials Reporting OID:1.3.6.1.4.1.25623.1.0.108718 Version used: 2025-05-13T05:41:39Z
References cve: CVE-1999-0501 cve: CVE-1999-0502 cve: CVE-1999-0507 cve: CVE-1999-0508 cve: CVE-2001-1594 cve: CVE-2013-7404 cve: CVE-2014-9198 cve: CVE-2015-7261 cve: CVE-2016-8731 cve: CVE-2017-8218 cve: CVE-2018-9068 cve: CVE-2018-17771 cve: CVE-2018-19063 cve: CVE-2018-19064

2.1.12 High 80/tcp

High (CVSS: 7.5)
NVT: EasyPHP Webserver <= 12.1 Multiple Vulnerabilities - Active Check
Summary EasyPHP Webserver is prone to multiple vulnerabilities.
Quality of Detection (QoD): 99%
Vulnerability Detection Result Vulnerable URL: http://192.168.50.101/phpinfo.php Concluded from: <pre><title>phpinfo()</title><meta name="ROBOTS" content="NOINDEX,NOFOLLOW,NOARCHIV ↪E" /></head> <tr><td class="e">Configuration File (php.ini) Path </td><td class="v">/etc/ph ↪p5/cgi </td></tr> <h2>PHP Core</h2> <h2>PHP Variables</h2></pre>
Impact Successful exploitation will allow attackers to gain administrative access, disclose the information, inject PHP code/shell and execute a remote PHP Code.
Solution: Solution type: WillNotFix No known solution was made available for at least one year since the disclosure of this vulnerability. Likely none will be provided anymore. General solution options are to upgrade to a newer release, disable respective features, remove the product or replace the product by another one.
Affected Software/OS EasyPHP version 12.1 and prior.
Vulnerability Insight The bug in EasyPHP WebServer Manager, its skipping authentication for certain requests. Which allows to bypass the authentication, disclose the information or execute a remote PHP code.
Vulnerability Detection Method Sends a crafted HTTP GET request and checks the response. Note: It is currently expected that a result of this VT is reported if the system is generally exposing a phpinfo() output on the relevant URL / endpoint (independent from the running product). Exposing such sensitive information is generally seen as a security misconfiguration and should be avoided. Details: EasyPHP Webserver <= 12.1 Multiple Vulnerabilities - Active Check
... continues on next page ...

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OID:1.3.6.1.4.1.25623.1.0.803189 Version used: 2025-11-11T05:40:18Z
References url: https://cxsecurity.com/issue/WLB-2013040069

High (CVSS: 7.5) NVT: Test HTTP dangerous methods
Summary Misconfigured web servers allows remote clients to perform dangerous HTTP methods such as PUT and DELETE.
Quality of Detection (QoD): 99%
Vulnerability Detection Result We could upload the following files via the PUT method at this web server: http://192.168.50.101/dav/puttest671717322.html http://192.168.50.101/dav/53prt32e.htm/puttest1293680012.html http://192.168.50.101/dav/y7ztpw9m.htm/puttest202411104.html http://192.168.50.101/dav/53prt32e.htm/fSpw1EFU.htm/puttest750120675.html We could delete the following files via the DELETE method at this web server: http://192.168.50.101/dav/puttest671717322.html http://192.168.50.101/dav/53prt32e.htm/puttest1293680012.html http://192.168.50.101/dav/y7ztpw9m.htm/puttest202411104.html http://192.168.50.101/dav/53prt32e.htm/fSpw1EFU.htm/puttest750120675.html
Impact - Enabled PUT method: This might allow an attacker to upload and run arbitrary code on this web server. - Enabled DELETE method: This might allow an attacker to delete additional files on this web server.
Solution: Solution type: Mitigation Use access restrictions to these dangerous HTTP methods or disable them completely.
Affected Software/OS Web servers with enabled PUT and/or DELETE methods.
Vulnerability Detection Method Checks if dangerous HTTP methods such as PUT and DELETE are enabled and can be misused to upload or delete files. Details: Test HTTP dangerous methods
... continues on next page ...

...continued from previous page ...
OID:1.3.6.1.4.1.25623.1.0.10498 Version used: 2023-08-01T13:29:10Z
References url: http://www.securityfocus.com/bid/12141 owasp: OWASP-CM-001

[\[return to 192.168.50.101 \]](#)

2.1.13 High 5432/tcp

High (CVSS: 7.4) NVT: SSL/TLS: OpenSSL CCS Man in the Middle Security Bypass Vulnerability
Summary OpenSSL is prone to a security bypass vulnerability.
Quality of Detection (QoD): 70%
Vulnerability Detection Result Vulnerability was detected according to the Vulnerability Detection Method.
Impact Successfully exploiting this issue may allow attackers to obtain sensitive information by conducting a man-in-the-middle attack. This may lead to other attacks.
Solution: Solution type: VendorFix Updates are available. Please see the references for more information.
Affected Software/OS OpenSSL before 0.9.8za, 1.0.0 before 1.0.0m and 1.0.1 before 1.0.1h.
Vulnerability Insight OpenSSL does not properly restrict processing of ChangeCipherSpec messages, which allows man-in-the-middle attackers to trigger use of a zero-length master key in certain OpenSSL-to-OpenSSL communications, and consequently hijack sessions or obtain sensitive information, via a crafted TLS handshake, aka the 'CCS Injection' vulnerability.
Vulnerability Detection Method Send two SSL ChangeCipherSpec request and check the response. Details: SSL/TLS: OpenSSL CCS Man in the Middle Security Bypass Vulnerability OID:1.3.6.1.4.1.25623.1.0.105042
... continues on next page ...

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Version used: 2025-01-17T15:39:18Z

References

cve: CVE-2014-0224
url: <https://www.openssl.org/news/secadv/20140605.txt>
url: <http://www.securityfocus.com/bid/67899>
cert-bund: WID-SEC-2023-0500
cert-bund: CB-K15/0567
cert-bund: CB-K15/0415
cert-bund: CB-K15/0384
cert-bund: CB-K15/0080
cert-bund: CB-K15/0079
cert-bund: CB-K15/0074
cert-bund: CB-K14/1617
cert-bund: CB-K14/1537
cert-bund: CB-K14/1299
cert-bund: CB-K14/1297
cert-bund: CB-K14/1294
cert-bund: CB-K14/1202
cert-bund: CB-K14/1174
cert-bund: CB-K14/1153
cert-bund: CB-K14/0876
cert-bund: CB-K14/0756
cert-bund: CB-K14/0746
cert-bund: CB-K14/0736
cert-bund: CB-K14/0722
cert-bund: CB-K14/0716
cert-bund: CB-K14/0708
cert-bund: CB-K14/0684
cert-bund: CB-K14/0683
cert-bund: CB-K14/0680
dfn-cert: DFN-CERT-2016-0388
dfn-cert: DFN-CERT-2015-0593
dfn-cert: DFN-CERT-2015-0427
dfn-cert: DFN-CERT-2015-0396
dfn-cert: DFN-CERT-2015-0082
dfn-cert: DFN-CERT-2015-0079
dfn-cert: DFN-CERT-2015-0078
dfn-cert: DFN-CERT-2014-1717
dfn-cert: DFN-CERT-2014-1632
dfn-cert: DFN-CERT-2014-1364
dfn-cert: DFN-CERT-2014-1357
dfn-cert: DFN-CERT-2014-1350
dfn-cert: DFN-CERT-2014-1265
dfn-cert: DFN-CERT-2014-1209
dfn-cert: DFN-CERT-2014-0917
dfn-cert: DFN-CERT-2014-0789

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```
dfn-cert: DFN-CERT-2014-0778
dfn-cert: DFN-CERT-2014-0768
dfn-cert: DFN-CERT-2014-0752
dfn-cert: DFN-CERT-2014-0747
dfn-cert: DFN-CERT-2014-0738
dfn-cert: DFN-CERT-2014-0715
dfn-cert: DFN-CERT-2014-0714
dfn-cert: DFN-CERT-2014-0709
```

[\[return to 192.168.50.101 \]](#)**2.1.14 Medium 2121/tcp**

Medium (CVSS: 4.8)

NVT: FTP Unencrypted Cleartext Login

Summary

The remote host is running a FTP service that allows cleartext logins over unencrypted connections.

Quality of Detection (QoD): 70%**Vulnerability Detection Result**

The remote FTP service accepts logins without a previous sent 'AUTH TLS' command ↔. Response(s):

Non-anonymous sessions: 331 Password required for openvasvt

Anonymous sessions: 331 Password required for anonymous

Impact

An attacker can uncover login names and passwords by sniffing traffic to the FTP service.

Solution:

Solution type: Mitigation

Enable FTPS or enforce the connection via the 'AUTH TLS' command. Please see the manual of the FTP service for more information.

Vulnerability Detection Method

Tries to login to a non FTPS enabled FTP service without sending a 'AUTH TLS' command first and checks if the service is accepting the login without enforcing the use of the 'AUTH TLS' command.

Details: FTP Unencrypted Cleartext Login

OID:1.3.6.1.4.1.25623.1.0.108528

Version used: 2023-12-20T05:05:58Z

[\[return to 192.168.50.101 \]](#)

2.1.15 Medium 25/tcp

Medium (CVSS: 5.9)
NVT: SSL/TLS: Deprecated SSLv2 and SSLv3 Protocol Detection
Product detection result cpe:/a:ietf:transport_layer_security:1.0 Detected by SSL/TLS: Version Detection (OID: 1.3.6.1.4.1.25623.1.0.105782)
Summary It was possible to detect the usage of the deprecated SSLv2 and/or SSLv3 protocol on this system.
Quality of Detection (QoD): 98%
Vulnerability Detection Result In addition to TLSv1.0+ the service is also providing the deprecated SSLv2 and S↪SLv3 protocols and supports one or more ciphers. Those supported ciphers can b↪e found in the 'SSL/TLS: Report Supported Cipher Suites' (OID: 1.3.6.1.4.1.256↪23.1.0.802067) VT.
Impact An attacker might be able to use the known cryptographic flaws to eavesdrop the connection between clients and the service to get access to sensitive data transferred within the secured connection. Furthermore newly uncovered vulnerabilities in this protocols won't receive security updates anymore.
Solution: Solution type: Mitigation It is recommended to disable the deprecated SSLv2 and/or SSLv3 protocols in favor of the TLSv1.2+ protocols. Please see the references for more resources supporting you with this task.
Affected Software/OS All services providing an encrypted communication using the SSLv2 and/or SSLv3 protocols.
Vulnerability Insight The SSLv2 and SSLv3 protocols contain known cryptographic flaws like: - CVE-2014-3566: Padding Oracle On Downgraded Legacy Encryption (POODLE) - CVE-2016-0800: Decrypting RSA with Obsolete and Weakened eNcryption (DROWN)
... continues on next page ...

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Vulnerability Detection Method Checks the used SSL protocols of the services provided by this system. Details: SSL/TLS: Deprecated SSLv2 and SSLv3 Protocol Detection OID:1.3.6.1.4.1.25623.1.0.111012 Version used: 2025-03-27T05:38:50Z
Product Detection Result Product: cpe:/a:ietf:transport_layer_security:1.0 Method: SSL/TLS: Version Detection OID: 1.3.6.1.4.1.25623.1.0.105782)
References cve: CVE-2016-0800 cve: CVE-2014-3566 url: https://ssl-config.mozilla.org url: https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidel ↪ines/TG02102/BSI-TR-02102-1.html url: https://www.bsi.bund.de/EN/Themen/0effentliche-Verwaltung/Mindeststandards/ ↪TLS-Protokoll/TLS-Protokoll_node.html url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/Technisch ↪eRichtlinien/TR03116/BSI-TR-03116-4.html url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindes ↪tstandard_BSI_TLS_Version_2_4.html url: https://web.archive.org/web/20240113175943/https://www.bettercrypto.org url: https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters ↪-report-2014 url: https://drownattack.com url: https://www.imperialviolet.org/2014/10/14/poodle.html cert-bund: WID-SEC-2025-1658 cert-bund: WID-SEC-2023-0431 cert-bund: WID-SEC-2023-0427 cert-bund: CB-K18/0094 cert-bund: CB-K17/1198 cert-bund: CB-K17/1196 cert-bund: CB-K16/1828 cert-bund: CB-K16/1438 cert-bund: CB-K16/1384 cert-bund: CB-K16/1141 cert-bund: CB-K16/1107 cert-bund: CB-K16/1102 cert-bund: CB-K16/0792 cert-bund: CB-K16/0599 cert-bund: CB-K16/0597 cert-bund: CB-K16/0459 cert-bund: CB-K16/0456 cert-bund: CB-K16/0433
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cert-bund: CB-K16/0424
 cert-bund: CB-K16/0415
 cert-bund: CB-K16/0413
 cert-bund: CB-K16/0374
 cert-bund: CB-K16/0367
 cert-bund: CB-K16/0331
 cert-bund: CB-K16/0329
 cert-bund: CB-K16/0328
 cert-bund: CB-K16/0156
 cert-bund: CB-K15/1514
 cert-bund: CB-K15/1358
 cert-bund: CB-K15/1021
 cert-bund: CB-K15/0972
 cert-bund: CB-K15/0637
 cert-bund: CB-K15/0590
 cert-bund: CB-K15/0525
 cert-bund: CB-K15/0393
 cert-bund: CB-K15/0384
 cert-bund: CB-K15/0287
 cert-bund: CB-K15/0252
 cert-bund: CB-K15/0246
 cert-bund: CB-K15/0237
 cert-bund: CB-K15/0118
 cert-bund: CB-K15/0110
 cert-bund: CB-K15/0108
 cert-bund: CB-K15/0080
 cert-bund: CB-K15/0078
 cert-bund: CB-K15/0077
 cert-bund: CB-K15/0075
 cert-bund: CB-K14/1617
 cert-bund: CB-K14/1581
 cert-bund: CB-K14/1537
 cert-bund: CB-K14/1479
 cert-bund: CB-K14/1458
 cert-bund: CB-K14/1342
 cert-bund: CB-K14/1314
 cert-bund: CB-K14/1313
 cert-bund: CB-K14/1311
 cert-bund: CB-K14/1304
 cert-bund: CB-K14/1296
 dfn-cert: DFN-CERT-2018-0096
 dfn-cert: DFN-CERT-2017-1238
 dfn-cert: DFN-CERT-2017-1236
 dfn-cert: DFN-CERT-2016-1929
 dfn-cert: DFN-CERT-2016-1527
 dfn-cert: DFN-CERT-2016-1468
 dfn-cert: DFN-CERT-2016-1216

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dfn-cert: DFN-CERT-2016-1174
dfn-cert: DFN-CERT-2016-1168
dfn-cert: DFN-CERT-2016-0884
dfn-cert: DFN-CERT-2016-0841
dfn-cert: DFN-CERT-2016-0644
dfn-cert: DFN-CERT-2016-0642
dfn-cert: DFN-CERT-2016-0496
dfn-cert: DFN-CERT-2016-0495
dfn-cert: DFN-CERT-2016-0465
dfn-cert: DFN-CERT-2016-0459
dfn-cert: DFN-CERT-2016-0453
dfn-cert: DFN-CERT-2016-0451
dfn-cert: DFN-CERT-2016-0415
dfn-cert: DFN-CERT-2016-0403
dfn-cert: DFN-CERT-2016-0388
dfn-cert: DFN-CERT-2016-0360
dfn-cert: DFN-CERT-2016-0359
dfn-cert: DFN-CERT-2016-0357
dfn-cert: DFN-CERT-2016-0171
dfn-cert: DFN-CERT-2015-1431
dfn-cert: DFN-CERT-2015-1075
dfn-cert: DFN-CERT-2015-1026
dfn-cert: DFN-CERT-2015-0664
dfn-cert: DFN-CERT-2015-0548
dfn-cert: DFN-CERT-2015-0404
dfn-cert: DFN-CERT-2015-0396
dfn-cert: DFN-CERT-2015-0259
dfn-cert: DFN-CERT-2015-0254
dfn-cert: DFN-CERT-2015-0245
dfn-cert: DFN-CERT-2015-0118
dfn-cert: DFN-CERT-2015-0114
dfn-cert: DFN-CERT-2015-0083
dfn-cert: DFN-CERT-2015-0082
dfn-cert: DFN-CERT-2015-0081
dfn-cert: DFN-CERT-2015-0076
dfn-cert: DFN-CERT-2014-1717
dfn-cert: DFN-CERT-2014-1680
dfn-cert: DFN-CERT-2014-1632
dfn-cert: DFN-CERT-2014-1564
dfn-cert: DFN-CERT-2014-1542
dfn-cert: DFN-CERT-2014-1414
dfn-cert: DFN-CERT-2014-1366
dfn-cert: DFN-CERT-2014-1354

Medium (CVSS: 5.3)
NVT: SSL/TLS: Server Certificate / Certificate in Chain with RSA keys less than 2048 bits
Summary The remote SSL/TLS server certificate and/or any of the certificates in the certificate chain is using a RSA key with less than 2048 bits.
Quality of Detection (QoD): 80%
Vulnerability Detection Result The remote SSL/TLS server is using the following certificate(s) with a RSA key with less than 2048 bits (public-key-size:public-key-algorithm:serial:issuer): 1024:RSA:00FAF93A4C7FB6B9CC:1.2.840.113549.1.9.1=#726F6F74407562756E74753830342D626173652E6C6F63616C646F6D61696E,CN=ubuntu804-base.localdomain,OU=Office for Complication of Otherwise Simple Affairs,O=OCOSA,L=Everywhere,ST=There is no such thing outside US,C=XX (Server certificate)
Impact Using certificates with weak RSA key size can lead to unauthorized exposure of sensitive information.
Solution: Solution type: Mitigation Replace the certificate with a stronger key and reissue the certificates it signed.
Vulnerability Insight SSL/TLS certificates using RSA keys with less than 2048 bits are considered unsafe.
Vulnerability Detection Method Checks the RSA keys size of the server certificate and all certificates in chain for a size < 2048 bit. Details: SSL/TLS: Server Certificate / Certificate in Chain with RSA keys less than 2048. ↳.. OID:1.3.6.1.4.1.25623.1.0.150710 Version used: 2021-12-10T12:48:00Z
References url: https://www.cabforum.org/wp-content/uploads/Baseline_Requirements_V1.pdf
Medium (CVSS: 5.0)
NVT: Check if Mailserver answer to VRFY and EXPN requests
Summary
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The Mailserver on this host answers to VRFY and/or EXPN requests.
Quality of Detection (QoD): 99%
Vulnerability Detection Result 'VRFY root' produces the following answer: 252 2.0.0 root
Solution: Solution type: Workaround Disable VRFY and/or EXPN on your Mailserver. For postfix add 'disable_vrfy_command=yes' in 'main.cf'. For Sendmail add the option 'O PrivacyOptions=goaway'. It is suggested that, if you really want to publish this type of information, you use a mechanism that legitimate users actually know about, such as Finger or HTTP.
Vulnerability Insight VRFY and EXPN ask the server for information about an address. They are inherently unusable through firewalls, gateways, mail exchangers for part-time hosts, etc.
Vulnerability Detection Method Details: Check if Mailserver answer to VRFY and EXPN requests OID:1.3.6.1.4.1.25623.1.0.100072 Version used: 2023-10-31T05:06:37Z
References url: http://cr.yp.to/smtp/vrfy.html

Medium (CVSS: 5.0)
NVT: SSL/TLS: Renegotiation DoS Vulnerability (CVE-2011-1473, CVE-2011-5094)
Summary The remote SSL/TLS service is prone to a denial of service (DoS) vulnerability.
Quality of Detection (QoD): 70%
Vulnerability Detection Result The following indicates that the remote SSL/TLS service is affected: Protocol Version Successful re-done SSL/TLS handshakes (Renegotiation) over an ↪ existing / already established SSL/TLS connection ----- ↪----- TLSv1.0 10
Impact ... continues on next page ...

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The flaw might make it easier for remote attackers to cause a DoS (CPU consumption) by performing many renegotiations within a single connection.
Solution: Solution type: VendorFix Users should contact their vendors for specific patch information. A general solution is to remove/disable renegotiation capabilities altogether from/in the affected SSL/TLS service.
Affected Software/OS Every SSL/TLS service which does not properly restrict client-initiated renegotiation.
Vulnerability Insight The flaw exists because the remote SSL/TLS service does not properly restrict client-initiated renegotiation within the SSL and TLS protocols. Note: The referenced CVEs are affecting OpenSSL and Mozilla Network Security Services (NSS) but both are in a DISPUTED state with the following rationale: > It can also be argued that it is the responsibility of server deployments, not a security library, to prevent or limit renegotiation when it is inappropriate within a specific environment. Both CVEs are still kept in this VT as a reference to the origin of this flaw.
Vulnerability Detection Method Checks if the remote service allows to re-do the same SSL/TLS handshake (Renegotiation) over an existing / already established SSL/TLS connection. Details: SSL/TLS: Renegotiation DoS Vulnerability (CVE-2011-1473, CVE-2011-5094) OID:1.3.6.1.4.1.25623.1.0.117761 Version used: 2024-09-27T05:05:23Z
References cve: CVE-2011-1473 cve: CVE-2011-5094 url: https://web.archive.org/web/20211201133213/https://orchilles.com/ssl-renegotiation-dos/ url: https://mailarchive.ietf.org/arch/msg/tls/wdg46VE_jkYBbgJ5yE4P9nQ-8IU/ url: https://vincent.bernat.ch/en/blog/2011-ssl-dos-mitigation url: https://www.openwall.com/lists/oss-security/2011/07/08/2 cert-bund: WID-SEC-2024-1591 cert-bund: WID-SEC-2024-0796 cert-bund: WID-SEC-2023-1435 cert-bund: CB-K17/0980 cert-bund: CB-K17/0979 cert-bund: CB-K14/0772 cert-bund: CB-K13/0915 cert-bund: CB-K13/0462 dfn-cert: DFN-CERT-2025-0933 dfn-cert: DFN-CERT-2017-1013
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```
dfn-cert: DFN-CERT-2017-1012
dfn-cert: DFN-CERT-2014-0809
dfn-cert: DFN-CERT-2013-1928
dfn-cert: DFN-CERT-2012-1112
```

Medium (CVSS: 5.0)

NVT: SSL/TLS: Certificate Expired

Product detection result

cpe:/a:ietf:transport_layer_security

Detected by SSL/TLS: Collect and Report Certificate Details (OID: 1.3.6.1.4.1.25
 ↪623.1.0.103692)

Summary

The remote server's SSL/TLS certificate has already expired.

Quality of Detection (QoD): 99%

Vulnerability Detection Result

The certificate of the remote service expired on 2010-04-16 14:07:45.

Certificate details:

fingerprint (SHA-1) | ED093088706603BFD5DC237399B498DA2D4D31C6

fingerprint (SHA-256) | E7A7FA0D63E457C7C4A59B38B70849C6A70BDA6F830C7A
 ↪F1E32DEE436DE813CC

issued by | 1.2.840.113549.1.9.1=#726F6F74407562756E747538
 ↪30342D626173652E6C6F63616C646F6D61696E,CN=ubuntu804-base.localdomain,OU=Office
 ↪ for Complication of Otherwise Simple Affairs,O=OCOSA,L=Everywhere,ST=There is
 ↪ no such thing outside US,C=XX

public key algorithm | RSA

public key size (bits) | 1024

serial | 00FAF93A4C7FB6B9CC

signature algorithm | sha1WithRSAEncryption

subject | 1.2.840.113549.1.9.1=#726F6F74407562756E747538
 ↪30342D626173652E6C6F63616C646F6D61696E,CN=ubuntu804-base.localdomain,OU=Office
 ↪ for Complication of Otherwise Simple Affairs,O=OCOSA,L=Everywhere,ST=There is
 ↪ no such thing outside US,C=XX

subject alternative names (SAN) | None

valid from | 2010-03-17 14:07:45 UTC

valid until | 2010-04-16 14:07:45 UTC

Solution:**Solution type:** Mitigation

Replace the SSL/TLS certificate by a new one.

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Vulnerability Insight This script checks expiry dates of certificates associated with SSL/TLS-enabled services on the target and reports whether any have already expired.
Vulnerability Detection Method Details: SSL/TLS: Certificate Expired OID:1.3.6.1.4.1.25623.1.0.103955 Version used: 2024-06-14T05:05:48Z
Product Detection Result Product: cpe:/a:ietf:transport_layer_security Method: SSL/TLS: Collect and Report Certificate Details OID: 1.3.6.1.4.1.25623.1.0.103692)

Medium (CVSS: 4.3)
NVT: SSL/TLS: Deprecated TLSv1.0 and TLSv1.1 Protocol Detection
Product detection result cpe:/a:ietf:transport_layer_security:1.0 Detected by SSL/TLS: Version Detection (OID: 1.3.6.1.4.1.25623.1.0.105782)
Summary It was possible to detect the usage of the deprecated TLSv1.0 and/or TLSv1.1 protocol on this system.
Quality of Detection (QoD): 98%
Vulnerability Detection Result The service is only providing the deprecated TLSv1.0 protocol and supports one or more ciphers. Those supported ciphers can be found in the 'SSL/TLS: Report Supported Cipher Suites' (OID: 1.3.6.1.4.1.25623.1.0.802067) VT.
Impact An attacker might be able to use the known cryptographic flaws to eavesdrop the connection between clients and the service to get access to sensitive data transferred within the secured connection. Furthermore newly uncovered vulnerabilities in this protocols won't receive security updates anymore.
Solution: Solution type: Mitigation
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<p>It is recommended to disable the deprecated TLSv1.0 and/or TLSv1.1 protocols in favor of the TLSv1.2+ protocols.</p> <p>Please see the references for more resources supporting you with this task.</p>
<p>Affected Software/OS</p> <ul style="list-style-type: none"> - All services providing an encrypted communication using the TLSv1.0 and/or TLSv1.1 protocols - CVE-2023-41928: Kiloview P1 4G and P2 4G Video Encoder - CVE-2024-41270: Gorush v1.18.4 - CVE-2025-3200: Multiple products from Wiesemann & Theis
<p>Vulnerability Insight</p> <p>The TLSv1.0 and TLSv1.1 protocols contain known cryptographic flaws like:</p> <ul style="list-style-type: none"> - CVE-2011-3389: Browser Exploit Against SSL/TLS (BEAST) - CVE-2015-0204: Factoring Attack on RSA-EXPORT Keys Padding Oracle On Downgraded Legacy Encryption (FREAK)
<p>Vulnerability Detection Method</p> <p>Checks the used TLS protocols of the services provided by this system.</p> <p>Details: SSL/TLS: Deprecated TLSv1.0 and TLSv1.1 Protocol Detection</p> <p>OID:1.3.6.1.4.1.25623.1.0.117274</p> <p>Version used: 2025-04-30T05:39:51Z</p>
<p>Product Detection Result</p> <p>Product: cpe:/a:ietf:transport_layer_security:1.0</p> <p>Method: SSL/TLS: Version Detection</p> <p>OID: 1.3.6.1.4.1.25623.1.0.105782)</p>
<p>References</p> <p>cve: CVE-2011-3389</p> <p>cve: CVE-2015-0204</p> <p>cve: CVE-2023-41928</p> <p>cve: CVE-2024-41270</p> <p>cve: CVE-2025-3200</p> <p>url: https://ssl-config.mozilla.org</p> <p>url: https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html</p> <p>url: https://www.bsi.bund.de/EN/Themen/Oeffentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html</p> <p>url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html</p> <p>url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindeststandard_BSI_TLS_Version_2_4.html</p> <p>url: https://web.archive.org/web/20240113175943/https://www.bettercrypto.org</p> <p>url: https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014</p>
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url: <https://datatracker.ietf.org/doc/rfc8996/>
url: <https://vnhacker.blogspot.com/2011/09/beast.html>
url: <https://web.archive.org/web/20201108095603/https://censys.io/blog/freak>
url: <https://certvde.com/en/advisories/VDE-2025-031/>
url: <https://gist.github.com/nyxfqq/cfae38fada582a0f576d154be1aeb1fc>
url: <https://advisories.ncsc.nl/advisory?id=NCSC-2024-0273>
cert-bund: WID-SEC-2023-1435
cert-bund: CB-K18/0799
cert-bund: CB-K16/1289
cert-bund: CB-K16/1096
cert-bund: CB-K15/1751
cert-bund: CB-K15/1266
cert-bund: CB-K15/0850
cert-bund: CB-K15/0764
cert-bund: CB-K15/0720
cert-bund: CB-K15/0548
cert-bund: CB-K15/0526
cert-bund: CB-K15/0509
cert-bund: CB-K15/0493
cert-bund: CB-K15/0384
cert-bund: CB-K15/0365
cert-bund: CB-K15/0364
cert-bund: CB-K15/0302
cert-bund: CB-K15/0192
cert-bund: CB-K15/0079
cert-bund: CB-K15/0016
cert-bund: CB-K14/1342
cert-bund: CB-K14/0231
cert-bund: CB-K13/0845
cert-bund: CB-K13/0796
cert-bund: CB-K13/0790
dfn-cert: DFN-CERT-2020-0177
dfn-cert: DFN-CERT-2020-0111
dfn-cert: DFN-CERT-2019-0068
dfn-cert: DFN-CERT-2018-1441
dfn-cert: DFN-CERT-2018-1408
dfn-cert: DFN-CERT-2016-1372
dfn-cert: DFN-CERT-2016-1164
dfn-cert: DFN-CERT-2016-0388
dfn-cert: DFN-CERT-2015-1853
dfn-cert: DFN-CERT-2015-1332
dfn-cert: DFN-CERT-2015-0884
dfn-cert: DFN-CERT-2015-0800
dfn-cert: DFN-CERT-2015-0758
dfn-cert: DFN-CERT-2015-0567
dfn-cert: DFN-CERT-2015-0544
dfn-cert: DFN-CERT-2015-0530

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dfn-cert: DFN-CERT-2015-0396
dfn-cert: DFN-CERT-2015-0375
dfn-cert: DFN-CERT-2015-0374
dfn-cert: DFN-CERT-2015-0305
dfn-cert: DFN-CERT-2015-0199
dfn-cert: DFN-CERT-2015-0079
dfn-cert: DFN-CERT-2015-0021
dfn-cert: DFN-CERT-2014-1414
dfn-cert: DFN-CERT-2013-1847
dfn-cert: DFN-CERT-2013-1792
dfn-cert: DFN-CERT-2012-1979
dfn-cert: DFN-CERT-2012-1829
dfn-cert: DFN-CERT-2012-1530
dfn-cert: DFN-CERT-2012-1380
dfn-cert: DFN-CERT-2012-1377
dfn-cert: DFN-CERT-2012-1292
dfn-cert: DFN-CERT-2012-1214
dfn-cert: DFN-CERT-2012-1213
dfn-cert: DFN-CERT-2012-1180
dfn-cert: DFN-CERT-2012-1156
dfn-cert: DFN-CERT-2012-1155
dfn-cert: DFN-CERT-2012-1039
dfn-cert: DFN-CERT-2012-0956
dfn-cert: DFN-CERT-2012-0908
dfn-cert: DFN-CERT-2012-0868
dfn-cert: DFN-CERT-2012-0867
dfn-cert: DFN-CERT-2012-0848
dfn-cert: DFN-CERT-2012-0838
dfn-cert: DFN-CERT-2012-0776
dfn-cert: DFN-CERT-2012-0722
dfn-cert: DFN-CERT-2012-0638
dfn-cert: DFN-CERT-2012-0627
dfn-cert: DFN-CERT-2012-0451
dfn-cert: DFN-CERT-2012-0418
dfn-cert: DFN-CERT-2012-0354
dfn-cert: DFN-CERT-2012-0234
dfn-cert: DFN-CERT-2012-0221
dfn-cert: DFN-CERT-2012-0177
dfn-cert: DFN-CERT-2012-0170
dfn-cert: DFN-CERT-2012-0146
dfn-cert: DFN-CERT-2012-0142
dfn-cert: DFN-CERT-2012-0126
dfn-cert: DFN-CERT-2012-0123
dfn-cert: DFN-CERT-2012-0095
dfn-cert: DFN-CERT-2012-0051
dfn-cert: DFN-CERT-2012-0047
dfn-cert: DFN-CERT-2012-0021

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dfn-cert: DFN-CERT-2011-1953
dfn-cert: DFN-CERT-2011-1946
dfn-cert: DFN-CERT-2011-1844
dfn-cert: DFN-CERT-2011-1826
dfn-cert: DFN-CERT-2011-1774
dfn-cert: DFN-CERT-2011-1743
dfn-cert: DFN-CERT-2011-1738
dfn-cert: DFN-CERT-2011-1706
dfn-cert: DFN-CERT-2011-1628
dfn-cert: DFN-CERT-2011-1627
dfn-cert: DFN-CERT-2011-1619
dfn-cert: DFN-CERT-2011-1482
```

Medium (CVSS: 4.3)

NVT: SSL/TLS: RSA Temporary Key Handling 'RSA_EXPORT' Downgrade Issue (FREAK)

Product detection result

cpe:/a:ietf:transport_layer_security

Detected by SSL/TLS: Report Supported Cipher Suites (OID: 1.3.6.1.4.1.25623.1.0.↪802067)

Summary

This host is accepting 'RSA_EXPORT' cipher suites and is prone to a man-in-the-middle (MITM) vulnerability.

Quality of Detection (QoD): 80%**Vulnerability Detection Result**

'RSA_EXPORT' cipher suites accepted by this service via the SSLv3 protocol:

TLS_DHE_RSA_EXPORT_WITH_DES40_CBC_SHA

TLS_RSA_EXPORT_WITH_DES40_CBC_SHA

TLS_RSA_EXPORT_WITH_RC2_CBC_40_MD5

TLS_RSA_EXPORT_WITH_RC4_40_MD5

'RSA_EXPORT' cipher suites accepted by this service via the TLSv1.0 protocol:

TLS_DHE_RSA_EXPORT_WITH_DES40_CBC_SHA

TLS_RSA_EXPORT_WITH_DES40_CBC_SHA

TLS_RSA_EXPORT_WITH_RC2_CBC_40_MD5

TLS_RSA_EXPORT_WITH_RC4_40_MD5

Impact

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Successful exploitation will allow remote attacker to downgrade the security of a session to use 'RSA_EXPORT' cipher suites, which are significantly weaker than non-export cipher suites. This may allow a man-in-the-middle attacker to more easily break the encryption and monitor or tamper with the encrypted stream.
Solution: Solution type: VendorFix - Remove support for 'RSA_EXPORT' cipher suites from the service. Please see the references for more resources supporting you with this task. - If the service is using OpenSSL: Update to version 0.9.8zd, 1.0.0p, 1.0.1k or later.
Affected Software/OS - Hosts accepting 'RSA_EXPORT' cipher suites. - OpenSSL versions prior to 0.9.8zd, 1.0.0 prior to 1.0.0p and 1.0.1 prior to 1.0.1k.
Vulnerability Insight Flaw is due to improper handling RSA temporary keys in a non-export RSA key exchange cipher suite.
Vulnerability Detection Method Checks previous collected cipher suites. Details: SSL/TLS: RSA Temporary Key Handling 'RSA_EXPORT' Downgrade Issue (FREAK) OID:1.3.6.1.4.1.25623.1.0.805142 Version used: 2025-03-27T05:38:50Z
Product Detection Result Product: cpe:/a:ietf:transport_layer_security Method: SSL/TLS: Report Supported Cipher Suites OID: 1.3.6.1.4.1.25623.1.0.802067)
References cve: CVE-2015-0204 url: https://freakattack.com url: https://openssl-library.org/news/secadv/20150108.txt url: https://web.archive.org/web/20210122095002/http://www.securityfocus.com/bid/71936 url: https://www.secpod.com/blog/freak-attack url: https://blog.cryptographyengineering.com/2015/03/03/attack-of-week-freak-or-factoring-nsa url: https://ssl-config.mozilla.org url: https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html url: https://www.bsi.bund.de/EN/Themen/Oeffentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/Technisch
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↪eRichtlinien/TR03116/BSI-TR-03116-4.html
url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindes
↪tstandard_BSI_TLS_Version_2_4.html
url: https://web.archive.org/web/20240113175943/https://www.bettercrypto.org
url: https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters
↪-report-2014
cert-bund: CB-K18/0799
cert-bund: CB-K16/1289
cert-bund: CB-K16/1096
cert-bund: CB-K15/1751
cert-bund: CB-K15/1266
cert-bund: CB-K15/0850
cert-bund: CB-K15/0764
cert-bund: CB-K15/0720
cert-bund: CB-K15/0548
cert-bund: CB-K15/0526
cert-bund: CB-K15/0509
cert-bund: CB-K15/0493
cert-bund: CB-K15/0384
cert-bund: CB-K15/0365
cert-bund: CB-K15/0364
cert-bund: CB-K15/0302
cert-bund: CB-K15/0192
cert-bund: CB-K15/0016
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dfn-cert: DFN-CERT-2016-1372
dfn-cert: DFN-CERT-2016-1164
dfn-cert: DFN-CERT-2016-0388
dfn-cert: DFN-CERT-2015-1853
dfn-cert: DFN-CERT-2015-1332
dfn-cert: DFN-CERT-2015-0884
dfn-cert: DFN-CERT-2015-0800
dfn-cert: DFN-CERT-2015-0758
dfn-cert: DFN-CERT-2015-0567
dfn-cert: DFN-CERT-2015-0544
dfn-cert: DFN-CERT-2015-0530
dfn-cert: DFN-CERT-2015-0396
dfn-cert: DFN-CERT-2015-0375
dfn-cert: DFN-CERT-2015-0374
dfn-cert: DFN-CERT-2015-0305
dfn-cert: DFN-CERT-2015-0199
dfn-cert: DFN-CERT-2015-0021

```

Medium (CVSS: 4.0)
NVT: SSL/TLS: Certificate Signed Using A Weak Signature Algorithm
<p>Summary</p> <p>The remote service is using a SSL/TLS certificate in the certificate chain that has been signed using a cryptographically weak hashing algorithm.</p>
<p>Quality of Detection (QoD): 80%</p>
<p>Vulnerability Detection Result</p> <p>The following certificates are part of the certificate chain but using insecure ↪signature algorithms:</p> <p>Subject: 1.2.840.113549.1.9.1=#726F6F74407562756E74753830342D626173 ↪652E6C6F63616C646F6D61696E,CN=ubuntu804-base.localdomain,OU=Office for Complic ↪ation of Otherwise Simple Affairs,O=OCOSA,L=Everywhere,ST=There is no such thi ↪ng outside US,C=XX</p> <p>Signature Algorithm: sha1WithRSAEncryption</p>
<p>Solution:</p> <p>Solution type: Mitigation</p> <p>Servers that use SSL/TLS certificates signed with a weak SHA-1, MD5, MD4 or MD2 hashing algorithm will need to obtain new SHA-2 signed SSL/TLS certificates to avoid web browser SSL/TLS certificate warnings.</p>
<p>Vulnerability Insight</p> <p>The following hashing algorithms used for signing SSL/TLS certificates are considered cryptographically weak and not secure enough for ongoing use:</p> <ul style="list-style-type: none"> - Secure Hash Algorithm 1 (SHA-1) - Message Digest 5 (MD5) - Message Digest 4 (MD4) - Message Digest 2 (MD2) <p>Beginning as late as January 2017 and as early as June 2016, browser developers such as Microsoft and Google will begin warning users when visiting web sites that use SHA-1 signed Secure Socket Layer (SSL) certificates.</p> <p>NOTE: The script preference allows to set one or more custom SHA-1 fingerprints of CA certificates which are trusted by this routine. The fingerprints needs to be passed comma-separated and case-insensitive:</p> <p>Fingerprint1 or fingerprint1, Fingerprint2</p>
<p>Vulnerability Detection Method</p> <p>Check which hashing algorithm was used to sign the remote SSL/TLS certificate.</p> <p>Details: SSL/TLS: Certificate Signed Using A Weak Signature Algorithm</p> <p>OID:1.3.6.1.4.1.25623.1.0.105880</p>
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Version used: 2021-10-15T11:13:32Z	
References url: https://blog.mozilla.org/security/2014/09/23/phasing-out-certificates-with-sha-1-based-signature-algorithms/	
Medium (CVSS: 4.0) NVT: SSL/TLS: Diffie-Hellman Key Exchange Insufficient DH Group Strength Vulnerability	
Summary The SSL/TLS service uses Diffie-Hellman groups with insufficient strength (key size < 2048).	
Quality of Detection (QoD): 80%	
Vulnerability Detection Result Server Temporary Key Size: 1024 bits	
Impact An attacker might be able to decrypt the SSL/TLS communication offline.	
Solution: Solution type: Workaround - Deploy (Ephemeral) Elliptic-Curve Diffie-Hellman (ECDHE) or use a 2048-bit or stronger Diffie-Hellman group. Please see the references for more resources supporting you with this task. - For Apache Web Servers: Beginning with version 2.4.7, mod_ssl will use DH parameters which include primes with lengths of more than 1024 bits.	
Affected Software/OS All services providing an encrypted communication using Diffie-Hellman groups with insufficient strength.	
Vulnerability Insight The Diffie-Hellman group are some big numbers that are used as base for the DH computations. They can be, and often are, fixed. The security of the final secret depends on the size of these parameters. It was found that 512 and 768 bits to be weak, 1024 bits to be breakable by really powerful attackers like governments.	
Vulnerability Detection Method Checks the DHE temporary public key size. Details: SSL/TLS: Diffie-Hellman Key Exchange Insufficient DH Group Strength Vulnerability. ↪... OID:1.3.6.1.4.1.25623.1.0.106223 Version used: 2025-03-27T05:38:50Z	
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References url: https://weakdh.org url: https://weakdh.org/sysadmin.html url: https://ssl-config.mozilla.org url: https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidel ↪ines/TG02102/BSI-TR-02102-1.html url: https://www.bsi.bund.de/EN/Themen/0effentliche-Verwaltung/Mindeststandards/ ↪TLS-Protokoll/TLS-Protokoll_node.html url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/Technisch ↪eRichtlinien/TR03116/BSI-TR-03116-4.html url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindes ↪tstandard_BSI_TLS_Version_2_4.html url: https://web.archive.org/web/20240113175943/https://www.bettercrypto.org url: https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters ↪-report-2014 url: https://httpd.apache.org/docs/2.4/mod/mod_ssl.html#sslcertificatefile

[\[return to 192.168.50.101 \]](#)

2.1.16 Medium 21/tcp

Medium (CVSS: 6.4) NVT: Anonymous FTP Login Reporting
Summary Reports if the remote FTP Server allows anonymous logins.
Quality of Detection (QoD): 80%
Vulnerability Detection Result It was possible to login to the remote FTP service with the following anonymous ↪account(s): anonymous:anonymous@example.com ftp:anonymous@example.com
Impact Based on the files accessible via this anonymous FTP login and the permissions of this account an attacker might be able to: - gain access to sensitive files - upload or delete files.
Solution: Solution type: Mitigation If you do not want to share files, you should disable anonymous logins.
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<p>Vulnerability Insight</p> <p>A host that provides an FTP service may additionally provide Anonymous FTP access as well. Under this arrangement, users do not strictly need an account on the host. Instead the user typically enters 'anonymous' or 'ftp' when prompted for username. Although users are commonly asked to send their email address as their password, little to no verification is actually performed on the supplied data.</p> <p>Remark: NIST don't see 'configuration issues' as software flaws so the referenced CVE has a severity of 0.0. The severity of this VT has been raised by Greenbone to still report a configuration issue on the target.</p>
<p>Vulnerability Detection Method</p> <p>Details: Anonymous FTP Login Reporting OID:1.3.6.1.4.1.25623.1.0.900600 Version used: 2021-10-20T09:03:29Z</p>
<p>References</p> <p>cve: CVE-1999-0497</p>

Medium (CVSS: 4.8)
NVT: FTP Unencrypted Cleartext Login
<p>Summary</p> <p>The remote host is running a FTP service that allows cleartext logins over unencrypted connections.</p>
<p>Quality of Detection (QoD): 70%</p>
<p>Vulnerability Detection Result</p> <p>The remote FTP service accepts logins without a previous sent 'AUTH TLS' command ↔. Response(s):</p> <p>Non-anonymous sessions: 331 Please specify the password. Anonymous sessions: 331 Please specify the password.</p>
<p>Impact</p> <p>An attacker can uncover login names and passwords by sniffing traffic to the FTP service.</p>
<p>Solution:</p> <p>Solution type: Mitigation</p> <p>Enable FTPS or enforce the connection via the 'AUTH TLS' command. Please see the manual of the FTP service for more information.</p>
<p>Vulnerability Detection Method</p> <p>... continues on next page ...</p>

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Tries to login to a non FTPS enabled FTP service without sending a 'AUTH TLS' command first and checks if the service is accepting the login without enforcing the use of the 'AUTH TLS' command. Details: FTP Unencrypted Cleartext Login OID:1.3.6.1.4.1.25623.1.0.108528 Version used: 2023-12-20T05:05:58Z

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2.1.17 Medium 80/tcp

Medium (CVSS: 6.8) NVT: TWiki Cross-Site Request Forgery Vulnerability (Sep 2010)
Summary TWiki is prone to a cross-site request forgery (CSRF) vulnerability.
Quality of Detection (QoD): 80%
Vulnerability Detection Result Installed version: 01.Feb.2003 Fixed version: 4.3.2
Impact Successful exploitation will allow attacker to gain administrative privileges on the target application and can cause CSRF attack.
Solution: Solution type: VendorFix Upgrade to TWiki version 4.3.2 or later.
Affected Software/OS TWiki version prior to 4.3.2
Vulnerability Insight Attack can be done by tricking an authenticated TWiki user into visiting a static HTML page on another side, where a Javascript enabled browser will send an HTTP POST request to TWiki, which in turn will process the request as the TWiki user.
Vulnerability Detection Method Details: TWiki Cross-Site Request Forgery Vulnerability (Sep 2010) OID:1.3.6.1.4.1.25623.1.0.801281 Version used: 2024-03-01T14:37:10Z
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References

cve: CVE-2009-4898

url: <http://www.openwall.com/lists/oss-security/2010/08/03/8>url: <http://www.openwall.com/lists/oss-security/2010/08/02/17>url: <http://twiki.org/cgi-bin/view/Codev/SecurityAuditTokenBasedCsrfFix>url: <http://twiki.org/cgi-bin/view/Codev/DownloadTWiki>

Medium (CVSS: 6.1)

NVT: TWiki < 6.1.0 XSS Vulnerability

Summary

bin/statistics in TWiki 6.0.2 allows XSS via the webs parameter.

Quality of Detection (QoD): 80%**Vulnerability Detection Result**

Installed version: 01.Feb.2003

Fixed version: 6.1.0

Solution:**Solution type:** VendorFix

Update to version 6.1.0 or later.

Affected Software/OS

TWiki version 6.0.2 and probably prior.

Vulnerability Detection Method

Checks if a vulnerable version is present on the target host.

Details: TWiki < 6.1.0 XSS Vulnerability

OID:1.3.6.1.4.1.25623.1.0.141830

Version used: 2023-07-14T16:09:27Z

References

cve: CVE-2018-20212

url: <https://seclists.org/fulldisclosure/2019/Jan/7>url: <http://twiki.org/cgi-bin/view/Codev/DownloadTWiki>

Medium (CVSS: 6.1)

NVT: jQuery < 1.9.0 XSS Vulnerability

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Summary jQuery is prone to a cross-site scripting (XSS) vulnerability.
Quality of Detection (QoD): 80%
Vulnerability Detection Result Installed version: 1.3.2 Fixed version: 1.9.0 Installation path / port: /mutillidae/javascript/ddsmoothmenu/jquery.min.js Detection info (see OID: 1.3.6.1.4.1.25623.1.0.150658 for more info): - Identified file: http://192.168.50.101/mutillidae/javascript/ddsmoothmenu/jque ↳ ry.min.js - Referenced at: http://192.168.50.101/mutillidae/
Solution: Solution type: VendorFix Update to version 1.9.0 or later.
Affected Software/OS jQuery prior to version 1.9.0.
Vulnerability Insight The jQuery(strInput) function does not differentiate selectors from HTML in a reliable fashion. In vulnerable versions, jQuery determined whether the input was HTML by looking for the '<' character anywhere in the string, giving attackers more flexibility when attempting to construct a malicious payload. In fixed versions, jQuery only deems the input to be HTML if it explicitly starts with the '<' character, limiting exploitability only to attackers who can control the beginning of a string, which is far less common.
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: jQuery < 1.9.0 XSS Vulnerability OID:1.3.6.1.4.1.25623.1.0.141636 Version used: 2023-07-14T05:06:08Z
References cve: CVE-2012-6708 url: https://bugs.jquery.com/ticket/11290 cert-bund: WID-SEC-2022-0673 cert-bund: CB-K22/0045 cert-bund: CB-K18/1131 dfn-cert: DFN-CERT-2025-1803 dfn-cert: DFN-CERT-2023-1197 dfn-cert: DFN-CERT-2020-0590

Medium (CVSS: 6.0) NVT: TWiki CSRF Vulnerability
Summary TWiki is prone to a cross-site request forgery (CSRF) vulnerability.
Quality of Detection (QoD): 80%
Vulnerability Detection Result Installed version: 01.Feb.2003 Fixed version: 4.3.1
Impact Successful exploitation will allow attacker to gain administrative privileges on the target application and can cause CSRF attack.
Solution: Solution type: VendorFix Upgrade to version 4.3.1 or later.
Affected Software/OS TWiki version prior to 4.3.1
Vulnerability Insight Remote authenticated user can create a specially crafted image tag that, when viewed by the target user, will update pages on the target system with the privileges of the target user via HTTP requests.
Vulnerability Detection Method Details: TWiki CSRF Vulnerability OID:1.3.6.1.4.1.25623.1.0.800400 Version used: 2024-06-28T05:05:33Z
References cve: CVE-2009-1339 url: http://secunia.com/advisories/34880 url: http://bugs.debian.org/cgi-bin/bugreport.cgi?bug=526258 url: http://twiki.org/p/pub/Codev/SecurityAlert-CVE-2009-1339/TWiki-4.3.0-c-diff↵-cve-2009-1339.txt

Medium (CVSS: 5.8) NVT: HTTP Debugging Methods (TRACE/TRACK) Enabled
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Summary The remote web server supports the TRACE and/or TRACK methods. TRACE and TRACK are HTTP methods which are used to debug web server connections.
Quality of Detection (QoD): 99%
Vulnerability Detection Result The web server has the following HTTP methods enabled: TRACE
Impact An attacker may use this flaw to trick your legitimate web users to give him their credentials.
Solution: Solution type: Mitigation Disable the TRACE and TRACK methods in your web server configuration. Please see the manual of your web server or the references for more information.
Affected Software/OS Web servers with enabled TRACE and/or TRACK methods.
Vulnerability Insight It has been shown that web servers supporting this methods are subject to cross-site-scripting attacks, dubbed XST for Cross-Site-Tracing, when used in conjunction with various weaknesses in browsers.
Vulnerability Detection Method Checks if HTTP methods such as TRACE and TRACK are enabled and can be used. Details: HTTP Debugging Methods (TRACE/TRACK) Enabled OID:1.3.6.1.4.1.25623.1.0.11213 Version used: 2023-08-01T13:29:10Z
References cve: CVE-2003-1567 cve: CVE-2004-2320 cve: CVE-2004-2763 cve: CVE-2005-3398 cve: CVE-2006-4683 cve: CVE-2007-3008 cve: CVE-2008-7253 cve: CVE-2009-2823 cve: CVE-2010-0386 cve: CVE-2012-2223 cve: CVE-2014-7883 url: http://www.kb.cert.org/vuls/id/288308 url: http://www.securityfocus.com/bid/11604 url: http://www.securityfocus.com/bid/15222
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```

url: http://www.securityfocus.com/bid/19915
url: http://www.securityfocus.com/bid/24456
url: http://www.securityfocus.com/bid/33374
url: http://www.securityfocus.com/bid/36956
url: http://www.securityfocus.com/bid/36990
url: http://www.securityfocus.com/bid/37995
url: http://www.securityfocus.com/bid/9506
url: http://www.securityfocus.com/bid/9561
url: http://www.kb.cert.org/vuls/id/867593
url: https://httpd.apache.org/docs/current/en/mod/core.html#traceenable
url: https://techcommunity.microsoft.com/t5/iis-support-blog/http-track-and-trac
↪e-verbs/ba-p/784482
url: https://owasp.org/www-community/attacks/Cross_Site_Tracing
cert-bund: CB-K14/0981
dfn-cert: DFN-CERT-2021-1825
dfn-cert: DFN-CERT-2014-1018
dfn-cert: DFN-CERT-2010-0020

```

Medium (CVSS: 5.3)

NVT: phpinfo() Output Reporting (HTTP)

Summary

Reporting of files containing the output of the phpinfo() PHP function previously detected via HTTP.

Quality of Detection (QoD): 80%**Vulnerability Detection Result**

The following files are calling the function phpinfo() which disclose potentiall
↪y sensitive information:

<http://192.168.50.101/mutillidae/phpinfo.php>

Concluded from:

```

<title>phpinfo()</title><meta name="ROBOTS" content="NOINDEX,NOFOLLOW,NOARCHIV
↪E" /></head>

```

```

<tr><td class="e">Configuration File (php.ini) Path </td><td class="v">/etc/ph
↪p5/cgi </td></tr>

```

```

<h2>PHP Core</h2>

```

```

<h2>PHP Variables</h2>

```

<http://192.168.50.101/phpinfo.php>

Concluded from:

```

<title>phpinfo()</title><meta name="ROBOTS" content="NOINDEX,NOFOLLOW,NOARCHIV
↪E" /></head>

```

```

<tr><td class="e">Configuration File (php.ini) Path </td><td class="v">/etc/ph
↪p5/cgi </td></tr>

```

```

<h2>PHP Core</h2>

```

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<h2>PHP Variables</h2>
<p>Impact</p> <p>Some of the information that can be gathered from this file includes:</p> <p>The username of the user running the PHP process, if it is a sudo user, the IP address of the host, the web server version, the system version (Unix, Linux, Windows, ...), and the root directory of the web server.</p>
<p>Solution:</p> <p>Solution type: Workaround</p> <p>Delete the listed files or restrict access to them.</p>
<p>Affected Software/OS</p> <p>All systems exposing a file containing the output of the phpinfo() PHP function.</p> <p>This VT is also reporting if an affected endpoint for the following products have been identified:</p> <ul style="list-style-type: none">- CVE-2008-0149: TUTOS- CVE-2023-49282, CVE-2023-49283: Microsoft Graph PHP SDK- CVE-2024-10486: Google for WooCommerce plugin for WordPress
<p>Vulnerability Insight</p> <p>Many PHP installation tutorials instruct the user to create a file called phpinfo.php or similar containing the phpinfo() statement. Such a file is often left back in the webserver directory.</p>
<p>Vulnerability Detection Method</p> <p>This script reports files identified by the following separate VT: 'phpinfo() Output Detection (HTTP)' (OID: 1.3.6.1.4.1.25623.1.0.108474).</p> <p>Details: phpinfo() Output Reporting (HTTP)</p> <p>OID:1.3.6.1.4.1.25623.1.0.11229</p> <p>Version used: 2025-07-09T05:43:50Z</p>
<p>References</p> <p>cve: CVE-2008-0149</p> <p>cve: CVE-2023-49282</p> <p>cve: CVE-2023-49283</p> <p>cve: CVE-2024-10486</p> <p>url: https://www.php.net/manual/en/function.phpinfo.php</p> <p>url: https://beaglesecurity.com/blog/vulnerability/revealing-phpinfo.html</p>
<p>Medium (CVSS: 5.0)</p> <p>NVT: QWikiwiki directory traversal vulnerability</p>
<p>Summary</p> <p>The remote host is running QWikiwiki, a Wiki application written in PHP.</p> <p>... continues on next page ...</p>

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The remote version of this software contains a validation input flaw which may allow an attacker to use it to read arbitrary files on the remote host with the privileges of the web server.
Quality of Detection (QoD): 99%
Vulnerability Detection Result Vulnerable URL: <code>http://192.168.50.101/mutillidae/index.php?page=../../../../../../../../etc/passwd%00</code> ↪ <code>../../../../../../../../etc/passwd%00</code>
Solution: Solution type: WillNotFix No known solution was made available for at least one year since the disclosure of this vulnerability. Likely none will be provided anymore. General solution options are to upgrade to a newer release, disable respective features, remove the product or replace the product by another one.
Vulnerability Detection Method Details: QWikiwiki directory traversal vulnerability OID:1.3.6.1.4.1.25623.1.0.16100 Version used: 2025-04-15T05:54:49Z
References cve: CVE-2005-0283 url: <code>http://www.securityfocus.com/bid/12163</code>

Medium (CVSS: 5.0)
NVT: /doc directory browsable
Summary The /doc directory is browsable. /doc shows the content of the /usr/doc directory and therefore it shows which programs and - important! - the version of the installed programs.
Quality of Detection (QoD): 80%
Vulnerability Detection Result Vulnerable URL: <code>http://192.168.50.101/doc/</code>
Solution: Solution type: Mitigation Use access restrictions for the /doc directory. If you use Apache you might use this in your access.conf: <Directory /usr/doc> AllowOverride None order deny, allow deny from all allow from localhost </Directory>
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Vulnerability Detection Method Details: /doc directory browsable OID:1.3.6.1.4.1.25623.1.0.10056 Version used: 2023-08-01T13:29:10Z
References cve: CVE-1999-0678 url: http://www.securityfocus.com/bid/318

Medium (CVSS: 5.0)
NVT: awiki <= 20100125 Multiple LFI Vulnerabilities - Active Check
Summary awiki is prone to multiple local file include (LFI) vulnerabilities because it fails to properly sanitize user-supplied input.
Quality of Detection (QoD): 99%
Vulnerability Detection Result Vulnerable URL: http://192.168.50.101/mutillidae/index.php?page=/etc/passwd
Impact An attacker can exploit this vulnerability to obtain potentially sensitive information and execute arbitrary local scripts in the context of the webserver process. This may allow the attacker to compromise the application and the host.
Solution: Solution type: WillNotFix No known solution was made available for at least one year since the disclosure of this vulnerability. Likely none will be provided anymore. General solution options are to upgrade to a newer release, disable respective features, remove the product or replace the product by another one.
Affected Software/OS awiki version 20100125 and prior.
Vulnerability Detection Method Sends a crafted HTTP GET request and checks the response. Details: awiki <= 20100125 Multiple LFI Vulnerabilities - Active Check OID:1.3.6.1.4.1.25623.1.0.103210 Version used: 2025-04-15T05:54:49Z
References url: https://www.exploit-db.com/exploits/36047/ url: http://www.securityfocus.com/bid/49187

Medium (CVSS: 4.8)
NVT: Cleartext Transmission of Sensitive Information via HTTP
Summary The host / application transmits sensitive information (username, passwords) in cleartext via HTTP.
Quality of Detection (QoD): 80%
Vulnerability Detection Result The following input fields were identified (URL:input name): http://192.168.50.101/dvwa/login.php:password http://192.168.50.101/phpMyAdmin/:pma_password http://192.168.50.101/phpMyAdmin/?D=A:pma_password http://192.168.50.101/tikiwiki/tiki-install.php:pass http://192.168.50.101/twiki/bin/view/TWiki/TWikiUserAuthentication:oldpassword
Impact An attacker could use this situation to compromise or eavesdrop on the HTTP communication between the client and the server using a man-in-the-middle attack to get access to sensitive data like usernames or passwords.
Solution: Solution type: Workaround Enforce the transmission of sensitive data via an encrypted SSL/TLS connection. Additionally make sure the host / application is redirecting all users to the secured SSL/TLS connection before allowing to input sensitive data into the mentioned functions.
Affected Software/OS Hosts / applications which doesn't enforce the transmission of sensitive data via an encrypted SSL/TLS connection.
Vulnerability Detection Method Evaluate previous collected information and check if the host / application is not enforcing the transmission of sensitive data via an encrypted SSL/TLS connection. The script is currently checking the following: - HTTP Basic Authentication (Basic Auth) - HTTP Forms (e.g. Login) with input field of type 'password' Details: Cleartext Transmission of Sensitive Information via HTTP OID:1.3.6.1.4.1.25623.1.0.108440 Version used: 2023-09-07T05:05:21Z
References url: https://www.owasp.org/index.php/Top_10_2013-A2-Broken_Authentication_and_Session_Management ↪ssion_Management
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url: https://www.owasp.org/index.php/Top_10_2013-A6-Sensitive_Data_Exposure
 url: <https://cwe.mitre.org/data/definitions/319.html>

Medium (CVSS: 4.3)

NVT: jQuery < 1.6.3 XSS Vulnerability

Summary

jQuery is prone to a cross-site scripting (XSS) vulnerability.

Quality of Detection (QoD): 80%**Vulnerability Detection Result**

Installed version: 1.3.2

Fixed version: 1.6.3

Installation

path / port: /mutillidae/javascript/ddsmoothmenu/jquery.min.js

Detection info (see OID: 1.3.6.1.4.1.25623.1.0.150658 for more info):

- Identified file: <http://192.168.50.101/mutillidae/javascript/ddsmoothmenu/jquery.min.js>

- Referenced at: <http://192.168.50.101/mutillidae/>

Solution:**Solution type:** VendorFix

Update to version 1.6.3 or later.

Affected Software/OS

jQuery prior to version 1.6.3.

Vulnerability Insight

Cross-site scripting (XSS) vulnerability in jQuery before 1.6.3, when using location.hash to select elements, allows remote attackers to inject arbitrary web script or HTML via a crafted tag.

Vulnerability Detection Method

Checks if a vulnerable version is present on the target host.

Details: jQuery < 1.6.3 XSS Vulnerability

OID:1.3.6.1.4.1.25623.1.0.141637

Version used: 2023-07-14T05:06:08Z

References

cve: CVE-2011-4969

url: <https://blog.jquery.com/2011/09/01/jquery-1-6-3-released/>

cert-bund: CB-K17/0195

dfn-cert: DFN-CERT-2017-0199

dfn-cert: DFN-CERT-2016-0890

Medium (CVSS: 4.3)
NVT: phpMyAdmin 'error.php' Cross Site Scripting Vulnerability
Summary phpMyAdmin is prone to a cross-site scripting (XSS) vulnerability.
Quality of Detection (QoD): 99%
Vulnerability Detection Result Vulnerability was detected according to the Vulnerability Detection Method.
Impact Successful exploitation will allow attackers to inject arbitrary HTML code within the error page and conduct phishing attacks.
Solution: Solution type: WillNotFix No known solution was made available for at least one year since the disclosure of this vulnerability. Likely none will be provided anymore. General solution options are to upgrade to a newer release, disable respective features, remove the product or replace the product by another one.
Affected Software/OS phpMyAdmin version 3.3.8.1 and prior.
Vulnerability Insight The flaw is caused by input validation errors in the 'error.php' script when processing crafted BBcode tags containing '@' characters, which could allow attackers to inject arbitrary HTML code within the error page and conduct phishing attacks.
Vulnerability Detection Method Details: phpMyAdmin 'error.php' Cross Site Scripting Vulnerability OID:1.3.6.1.4.1.25623.1.0.801660 Version used: 2023-10-17T05:05:34Z
References cve: CVE-2010-4480 url: http://www.exploit-db.com/exploits/15699/ url: http://www.vupen.com/english/advisories/2010/3133 dfn-cert: DFN-CERT-2011-0467 dfn-cert: DFN-CERT-2011-0451 dfn-cert: DFN-CERT-2011-0016 dfn-cert: DFN-CERT-2011-0002

Medium (CVSS: 4.3)
NVT: Apache HTTP Server 'httpOnly' Cookie Information Disclosure Vulnerability
Product detection result cpe:/a:apache:http_server:2.2.8 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↪.0.117232)
Summary Apache HTTP Server is prone to a cookie information disclosure vulnerability.
Quality of Detection (QoD): 99%
Vulnerability Detection Result Vulnerability was detected according to the Vulnerability Detection Method.
Impact Successful exploitation will allow attackers to obtain sensitive information that may aid in further attacks.
Solution: Solution type: VendorFix Update to Apache HTTP Server version 2.2.22 or later.
Affected Software/OS Apache HTTP Server versions 2.2.0 through 2.2.21.
Vulnerability Insight The flaw is due to an error within the default error response for status code 400 when no custom ErrorDocument is configured, which can be exploited to expose 'httpOnly' cookies.
Vulnerability Detection Method Details: Apache HTTP Server 'httpOnly' Cookie Information Disclosure Vulnerability OID:1.3.6.1.4.1.25623.1.0.902830 Version used: 2025-03-05T05:38:53Z
Product Detection Result Product: cpe:/a:apache:http_server:2.2.8 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2012-0053
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url: http://secunia.com/advisories/47779
url: http://www.securityfocus.com/bid/51706
url: http://www.exploit-db.com/exploits/18442
url: http://rhn.redhat.com/errata/RHSA-2012-0128.html
url: http://httpd.apache.org/security/vulnerabilities_22.html
url: http://svn.apache.org/viewvc?view=revision&revision=1235454
url: http://lists.opensuse.org/opensuse-security-announce/2012-02/msg00026.html
cert-bund: CB-K15/0080
cert-bund: CB-K14/1505
cert-bund: CB-K14/0608
dfn-cert: DFN-CERT-2015-0082
dfn-cert: DFN-CERT-2014-1592
dfn-cert: DFN-CERT-2014-0635
dfn-cert: DFN-CERT-2013-1307
dfn-cert: DFN-CERT-2012-1276
dfn-cert: DFN-CERT-2012-1112
dfn-cert: DFN-CERT-2012-0928
dfn-cert: DFN-CERT-2012-0758
dfn-cert: DFN-CERT-2012-0744
dfn-cert: DFN-CERT-2012-0568
dfn-cert: DFN-CERT-2012-0425
dfn-cert: DFN-CERT-2012-0424
dfn-cert: DFN-CERT-2012-0387
dfn-cert: DFN-CERT-2012-0343
dfn-cert: DFN-CERT-2012-0332
dfn-cert: DFN-CERT-2012-0306
dfn-cert: DFN-CERT-2012-0264
dfn-cert: DFN-CERT-2012-0203
dfn-cert: DFN-CERT-2012-0188

```

[\[return to 192.168.50.101 \]](#)

2.1.18 Medium 445/tcp

Medium (CVSS: 6.0)

NVT: Samba 3.0.0 <= 3.0.25rc3 MS-RPC Remote Shell Command Execution Vulnerability - Active Check

Product detection result

cpe:/a:samba:samba:3.0.20

Detected by SMB NativeLanMan (OID: 1.3.6.1.4.1.25623.1.0.102011)

Summary

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Samba is prone to a vulnerability that allows attackers to execute arbitrary shell commands because the software fails to sanitize user-supplied input.
Quality of Detection (QoD): 99%
Vulnerability Detection Result By sending a special crafted SMB request it was possible to execute ‘ping -p 5f ↪4f70656e564153565431333734375f -c50 192.168.50.100’ on the remote host. Received answer (ICMP "Data" field): 0x00: 3F 9B 45 69 8B F8 0C 00 56 54 31 33 37 34 37 5F ?.Ei....VT13747_ 0x10: 5F 4F 70 65 6E 56 41 53 56 54 31 33 37 34 37 5F _OpenVASVT13747_ 0x20: 5F 4F 70 65 6E 56 41 53 56 54 31 33 37 34 37 5F _OpenVASVT13747_ 0x30: 5F 4F 70 65 6E 56 41 53 _OpenVAS
Impact An attacker may leverage this issue to execute arbitrary shell commands on an affected system with the privileges of the application.
Solution: Solution type: VendorFix Updates are available. Please see the referenced vendor advisory.
Affected Software/OS Samba versions 3.0.0 through 3.0.25rc3.
Vulnerability Detection Method Sends a crafted SMB request and checks if the target is connecting back to the scanner host. Note: For a successful detection of this flaw the scanner host needs to be able to directly receive ICMP echo requests from the target. Details: Samba 3.0.0 <= 3.0.25rc3 MS-RPC Remote Shell Command Execution Vulnerability - . ↪.. OID:1.3.6.1.4.1.25623.1.0.108011 Version used: 2025-03-18T05:38:50Z
Product Detection Result Product: cpe:/a:samba:samba:3.0.20 Method: SMB NativeLanMan OID: 1.3.6.1.4.1.25623.1.0.102011)
References cve: CVE-2007-2447 url: https://www.samba.org/samba/security/CVE-2007-2447.html url: https://web.archive.org/web/20210121173708/http://www.securityfocus.com/bid/23972

[[return to 192.168.50.101](#)]

2.1.19 Medium 22/tcp

Medium (CVSS: 5.3)						
NVT: Weak Host Key Algorithm(s) (SSH)						
<p>Product detection result</p> <p>cpe:/a:ietf:secure_shell_protocol</p> <p>Detected by SSH Protocol Algorithms Supported (OID: 1.3.6.1.4.1.25623.1.0.105565 ↵)</p>						
<p>Summary</p> <p>The remote SSH server is configured to allow / support weak host key algorithm(s).</p>						
<p>Quality of Detection (QoD): 80%</p>						
<p>Vulnerability Detection Result</p> <p>The remote SSH server supports the following weak host key algorithm(s):</p> <table><tr><th>host key algorithm</th><th>Description</th></tr><tr><td colspan="2">-----</td></tr><tr><td>ssh-dss</td><td>Digital Signature Algorithm (DSA) / Digital Signature Standard (DSS)</td></tr></table>	host key algorithm	Description	-----		ssh-dss	Digital Signature Algorithm (DSA) / Digital Signature Standard (DSS)
host key algorithm	Description					

ssh-dss	Digital Signature Algorithm (DSA) / Digital Signature Standard (DSS)					
<p>Solution:</p> <p>Solution type: Mitigation</p> <p>Disable the reported weak host key algorithm(s).</p>						
<p>Vulnerability Detection Method</p> <p>Checks the supported host key algorithms of the remote SSH server.</p> <p>Currently weak host key algorithms are defined as the following:</p> <p>- ssh-dss: Digital Signature Algorithm (DSA) / Digital Signature Standard (DSS)</p> <p>Details: Weak Host Key Algorithm(s) (SSH)</p> <p>OID:1.3.6.1.4.1.25623.1.0.117687</p> <p>Version used: 2024-06-14T05:05:48Z</p>						
<p>Product Detection Result</p> <p>Product: cpe:/a:ietf:secure_shell_protocol</p> <p>Method: SSH Protocol Algorithms Supported</p> <p>OID: 1.3.6.1.4.1.25623.1.0.105565)</p>						
<p>References</p> <p>url: https://www.rfc-editor.org/rfc/rfc8332</p> <p>url: https://www.rfc-editor.org/rfc/rfc8709</p> <p>... continues on next page ...</p>						

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url: <https://www.rfc-editor.org/rfc/rfc4253#section-6.6>

Medium (CVSS: 5.3)

NVT: Weak Key Exchange (KEX) Algorithm(s) Supported (SSH)

Product detection result

cpe:/a:ietf:secure_shell_protocol

Detected by SSH Protocol Algorithms Supported (OID: 1.3.6.1.4.1.25623.1.0.105565
↪)**Summary**

The remote SSH server is configured to allow / support weak key exchange (KEX) algorithm(s).

Quality of Detection (QoD): 80%**Vulnerability Detection Result**

The remote SSH server supports the following weak KEX algorithm(s):

KEX algorithm | Reason

↪-----

diffie-hellman-group-exchange-sha1 | Using SHA-1

diffie-hellman-group1-sha1 | Using Oakley Group 2 (a 1024-bit MODP group
↪) and SHA-1**Impact**

An attacker can quickly break individual connections.

Solution:**Solution type:** Mitigation

Disable the reported weak KEX algorithm(s)

- 1024-bit MODP group / prime KEX algorithms:

Alternatively use elliptic-curve Diffie-Hellmann in general, e.g. Curve 25519.

Vulnerability Insight

- 1024-bit MODP group / prime KEX algorithms:

Millions of HTTPS, SSH, and VPN servers all use the same prime numbers for Diffie-Hellman key exchange. Practitioners believed this was safe as long as new key exchange messages were generated for every connection. However, the first step in the number field sieve-the most efficient algorithm for breaking a Diffie-Hellman connection-is dependent only on this prime.

A nation-state can break a 1024-bit prime.

Vulnerability Detection Method

Checks the supported KEX algorithms of the remote SSH server.

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Currently weak KEX algorithms are defined as the following: <ul style="list-style-type: none">- non-elliptic-curve Diffie-Hellmann (DH) KEX algorithms with 1024-bit MODP group / prime- ephemerally generated key exchange groups uses SHA-1- using RSA 1024-bit modulus key Details: Weak Key Exchange (KEX) Algorithm(s) Supported (SSH) OID:1.3.6.1.4.1.25623.1.0.150713 Version used: 2024-06-14T05:05:48Z
Product Detection Result Product: cpe:/a:ietf:secure_shell_protocol Method: SSH Protocol Algorithms Supported OID: 1.3.6.1.4.1.25623.1.0.105565)
References url: https://weakdh.org/sysadmin.html url: https://www.rfc-editor.org/rfc/rfc9142 url: https://www.rfc-editor.org/rfc/rfc9142#name-summary-guidance-for-implem url: https://www.rfc-editor.org/rfc/rfc6194 url: https://www.rfc-editor.org/rfc/rfc4253#section-6.5

Medium (CVSS: 4.3)
NVT: Weak Encryption Algorithm(s) Supported (SSH)
Product detection result cpe:/a:ietf:secure_shell_protocol Detected by SSH Protocol Algorithms Supported (OID: 1.3.6.1.4.1.25623.1.0.105565 ↪)
Summary The remote SSH server is configured to allow / support weak encryption algorithm(s).
Quality of Detection (QoD): 80%
Vulnerability Detection Result The remote SSH server supports the following weak client-to-server encryption al ↪gorithm(s): 3des-cbc aes128-cbc aes192-cbc aes256-cbc arcfour arcfour128 arcfour256
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<pre>blowfish-cbc cast128-cbc rijndael-cbc@lysator.liu.se The remote SSH server supports the following weak server-to-client encryption al gorithms(s): 3des-cbc aes128-cbc aes192-cbc aes256-cbc arcfour arcfour128 arcfour256 blowfish-cbc cast128-cbc rijndael-cbc@lysator.liu.se</pre>
<p>Solution:</p> <p>Solution type: Mitigation</p> <p>Disable the reported weak encryption algorithm(s).</p>
<p>Vulnerability Insight</p> <ul style="list-style-type: none">- The 'arcfour' cipher is the Arcfour stream cipher with 128-bit keys. The Arcfour cipher is believed to be compatible with the RC4 cipher [SCHNEIER]. Arcfour (and RC4) has problems with weak keys, and should not be used anymore.- The 'none' algorithm specifies that no encryption is to be done. Note that this method provides no confidentiality protection, and it is NOT RECOMMENDED to use it.- A vulnerability exists in SSH messages that employ CBC mode that may allow an attacker to recover plaintext from a block of ciphertext.
<p>Vulnerability Detection Method</p> <p>Checks the supported encryption algorithms (client-to-server and server-to-client) of the remote SSH server.</p> <p>Currently weak encryption algorithms are defined as the following:</p> <ul style="list-style-type: none">- Arcfour (RC4) cipher based algorithms- 'none' algorithm- CBC mode cipher based algorithms <p>Details: Weak Encryption Algorithm(s) Supported (SSH)</p> <p>OID:1.3.6.1.4.1.25623.1.0.105611</p> <p>Version used: 2024-06-14T05:05:48Z</p>
<p>Product Detection Result</p> <p>Product: cpe:/a:ietf:secure_shell_protocol</p> <p>Method: SSH Protocol Algorithms Supported</p> <p>OID: 1.3.6.1.4.1.25623.1.0.105565)</p>
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Referencesurl: <https://www.rfc-editor.org/rfc/rfc8758>url: <https://www.kb.cert.org/vuls/id/958563>url: <https://www.rfc-editor.org/rfc/rfc4253#section-6.3>[\[return to 192.168.50.101 \]](#)**2.1.20 Medium 5900/tcp**

Medium (CVSS: 4.8)

NVT: VNC Server Unencrypted Data Transmission

Summary

The remote host is running a VNC server providing one or more insecure or cryptographically weak Security Type(s) not intended for use on untrusted networks.

Quality of Detection (QoD): 70%**Vulnerability Detection Result**

The VNC server provides the following insecure or cryptographically weak Security Type(s):

2 (VNC authentication)

Impact

An attacker can uncover sensitive data by sniffing traffic to the VNC server.

Solution:**Solution type:** Mitigation

Run the session over an encrypted channel provided by IPsec [RFC4301] or SSH [RFC4254]. Some VNC server vendors are also providing more secure Security Types within their products.

Vulnerability Detection Method

Details: VNC Server Unencrypted Data Transmission

OID:1.3.6.1.4.1.25623.1.0.108529

Version used: 2023-07-12T05:05:04Z

Referencesurl: <https://tools.ietf.org/html/rfc6143#page-10>[\[return to 192.168.50.101 \]](#)**2.1.21 Medium 5432/tcp**

Medium (CVSS: 5.9)
NVT: SSL/TLS: Report Weak Cipher Suites
Product detection result cpe:/a:ietf:transport_layer_security Detected by SSL/TLS: Report Supported Cipher Suites (OID: 1.3.6.1.4.1.25623.1.0.↪802067)
Summary This routine reports all weak SSL/TLS cipher suites accepted by a service.
Quality of Detection (QoD): 98%
Vulnerability Detection Result 'Weak' cipher suites accepted by this service via the SSLv3 protocol: TLS_RSA_WITH_RC4_128_SHA 'Weak' cipher suites accepted by this service via the TLSv1.0 protocol: TLS_RSA_WITH_RC4_128_SHA
Impact This could allow remote attackers to obtain sensitive information or have other, unspecified impacts.
Solution: Solution type: Mitigation The configuration of this services should be changed so that it does not accept the listed weak cipher suites anymore. Please see the references for more resources supporting you with this task.
Affected Software/OS All services providing an encrypted communication using weak SSL/TLS cipher suites.
Vulnerability Insight These rules are applied for the evaluation of the cryptographic strength: <ul style="list-style-type: none"> - RC4 is considered to be weak (CVE-2013-2566, CVE-2015-2808) - Ciphers using 64 bit or less are considered to be vulnerable to brute force methods and therefore considered as weak (CVE-2015-4000) - 1024 bit RSA authentication is considered to be insecure and therefore as weak - Any cipher considered to be secure for only the next 10 years is considered as medium - Any other cipher is considered as strong
Vulnerability Detection Method Checks previous collected cipher suites.
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<p>NOTE: No severity for SMTP services with 'Opportunistic TLS' and weak cipher suites on port 25/tcp is reported. If too strong cipher suites are configured for this service the alternative would be to fall back to an even more insecure cleartext communication.</p> <p>Details: SSL/TLS: Report Weak Cipher Suites</p> <p>OID: 1.3.6.1.4.1.25623.1.0.103440</p> <p>Version used: 2025-03-27T05:38:50Z</p>
<p>Product Detection Result</p> <p>Product: cpe:/a:ietf:transport_layer_security</p> <p>Method: SSL/TLS: Report Supported Cipher Suites</p> <p>OID: 1.3.6.1.4.1.25623.1.0.802067)</p>
<p>References</p> <p>cve: CVE-2013-2566</p> <p>cve: CVE-2015-2808</p> <p>cve: CVE-2015-4000</p> <p>url: https://ssl-config.mozilla.org</p> <p>url: https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidel ines/TG02102/BSI-TR-02102-1.html</p> <p>url: https://www.bsi.bund.de/EN/Themen/0effentliche-Verwaltung/Mindeststandards/ 0TLS-Protokoll/TLS-Protokoll_node.html</p> <p>url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/Technisch 0eRichtlinien/TR03116/BSI-TR-03116-4.html</p> <p>url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindes tstandard_BSI_TLS_Version_2_4.html</p> <p>url: https://web.archive.org/web/20240113175943/https://www.bettercrypto.org</p> <p>url: https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters 0-report-2014</p> <p>cert-bund: CB-K21/0067</p> <p>cert-bund: CB-K19/0812</p> <p>cert-bund: CB-K17/1750</p> <p>cert-bund: CB-K16/1593</p> <p>cert-bund: CB-K16/1552</p> <p>cert-bund: CB-K16/1102</p> <p>cert-bund: CB-K16/0617</p> <p>cert-bund: CB-K16/0599</p> <p>cert-bund: CB-K16/0168</p> <p>cert-bund: CB-K16/0121</p> <p>cert-bund: CB-K16/0090</p> <p>cert-bund: CB-K16/0030</p> <p>cert-bund: CB-K15/1751</p> <p>cert-bund: CB-K15/1591</p> <p>cert-bund: CB-K15/1550</p> <p>cert-bund: CB-K15/1517</p> <p>cert-bund: CB-K15/1514</p> <p>cert-bund: CB-K15/1464</p>
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cert-bund: CB-K15/1442
 cert-bund: CB-K15/1334
 cert-bund: CB-K15/1269
 cert-bund: CB-K15/1136
 cert-bund: CB-K15/1090
 cert-bund: CB-K15/1059
 cert-bund: CB-K15/1022
 cert-bund: CB-K15/1015
 cert-bund: CB-K15/0986
 cert-bund: CB-K15/0964
 cert-bund: CB-K15/0962
 cert-bund: CB-K15/0932
 cert-bund: CB-K15/0927
 cert-bund: CB-K15/0926
 cert-bund: CB-K15/0907
 cert-bund: CB-K15/0901
 cert-bund: CB-K15/0896
 cert-bund: CB-K15/0889
 cert-bund: CB-K15/0877
 cert-bund: CB-K15/0850
 cert-bund: CB-K15/0849
 cert-bund: CB-K15/0834
 cert-bund: CB-K15/0827
 cert-bund: CB-K15/0802
 cert-bund: CB-K15/0764
 cert-bund: CB-K15/0733
 cert-bund: CB-K15/0667
 cert-bund: CB-K14/0935
 cert-bund: CB-K13/0942
 dfn-cert: DFN-CERT-2023-2939
 dfn-cert: DFN-CERT-2021-0775
 dfn-cert: DFN-CERT-2020-1561
 dfn-cert: DFN-CERT-2020-1276
 dfn-cert: DFN-CERT-2017-1821
 dfn-cert: DFN-CERT-2016-1692
 dfn-cert: DFN-CERT-2016-1648
 dfn-cert: DFN-CERT-2016-1168
 dfn-cert: DFN-CERT-2016-0665
 dfn-cert: DFN-CERT-2016-0642
 dfn-cert: DFN-CERT-2016-0184
 dfn-cert: DFN-CERT-2016-0135
 dfn-cert: DFN-CERT-2016-0101
 dfn-cert: DFN-CERT-2016-0035
 dfn-cert: DFN-CERT-2015-1853
 dfn-cert: DFN-CERT-2015-1679
 dfn-cert: DFN-CERT-2015-1632
 dfn-cert: DFN-CERT-2015-1608

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dfn-cert: DFN-CERT-2015-1542
dfn-cert: DFN-CERT-2015-1518
dfn-cert: DFN-CERT-2015-1406
dfn-cert: DFN-CERT-2015-1341
dfn-cert: DFN-CERT-2015-1194
dfn-cert: DFN-CERT-2015-1144
dfn-cert: DFN-CERT-2015-1113
dfn-cert: DFN-CERT-2015-1078
dfn-cert: DFN-CERT-2015-1067
dfn-cert: DFN-CERT-2015-1038
dfn-cert: DFN-CERT-2015-1016
dfn-cert: DFN-CERT-2015-1012
dfn-cert: DFN-CERT-2015-0980
dfn-cert: DFN-CERT-2015-0977
dfn-cert: DFN-CERT-2015-0976
dfn-cert: DFN-CERT-2015-0960
dfn-cert: DFN-CERT-2015-0956
dfn-cert: DFN-CERT-2015-0944
dfn-cert: DFN-CERT-2015-0937
dfn-cert: DFN-CERT-2015-0925
dfn-cert: DFN-CERT-2015-0884
dfn-cert: DFN-CERT-2015-0881
dfn-cert: DFN-CERT-2015-0879
dfn-cert: DFN-CERT-2015-0866
dfn-cert: DFN-CERT-2015-0844
dfn-cert: DFN-CERT-2015-0800
dfn-cert: DFN-CERT-2015-0737
dfn-cert: DFN-CERT-2015-0696
dfn-cert: DFN-CERT-2014-0977

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Medium (CVSS: 5.9)

NVT: SSL/TLS: Deprecated SSLv2 and SSLv3 Protocol Detection

Product detection result

cpe:/a:ietf:transport_layer_security:1.0

Detected by SSL/TLS: Version Detection (OID: 1.3.6.1.4.1.25623.1.0.105782)

Summary

It was possible to detect the usage of the deprecated SSLv2 and/or SSLv3 protocol on this system.

Quality of Detection (QoD): 98%**Vulnerability Detection Result**

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<p>In addition to TLSv1.0+ the service is also providing the deprecated SSLv3 protocol and supports one or more ciphers. Those supported ciphers can be found in the 'SSL/TLS: Report Supported Cipher Suites' (OID: 1.3.6.1.4.1.25623.1.0.8020 → 67) VT.</p>
<p>Impact</p> <p>An attacker might be able to use the known cryptographic flaws to eavesdrop the connection between clients and the service to get access to sensitive data transferred within the secured connection.</p> <p>Furthermore newly uncovered vulnerabilities in this protocols won't receive security updates anymore.</p>
<p>Solution:</p> <p>Solution type: Mitigation</p> <p>It is recommended to disable the deprecated SSLv2 and/or SSLv3 protocols in favor of the TLSv1.2+ protocols.</p> <p>Please see the references for more resources supporting you with this task.</p>
<p>Affected Software/OS</p> <p>All services providing an encrypted communication using the SSLv2 and/or SSLv3 protocols.</p>
<p>Vulnerability Insight</p> <p>The SSLv2 and SSLv3 protocols contain known cryptographic flaws like:</p> <ul style="list-style-type: none"> - CVE-2014-3566: Padding Oracle On Downgraded Legacy Encryption (POODLE) - CVE-2016-0800: Decrypting RSA with Obsolete and Weakened eNcryption (DROWN)
<p>Vulnerability Detection Method</p> <p>Checks the used SSL protocols of the services provided by this system.</p> <p>Details: SSL/TLS: Deprecated SSLv2 and SSLv3 Protocol Detection</p> <p>OID: 1.3.6.1.4.1.25623.1.0.111012</p> <p>Version used: 2025-03-27T05:38:50Z</p>
<p>Product Detection Result</p> <p>Product: cpe:/a:ietf:transport_layer_security:1.0</p> <p>Method: SSL/TLS: Version Detection</p> <p>OID: 1.3.6.1.4.1.25623.1.0.105782)</p>
<p>References</p> <p>cve: CVE-2016-0800</p> <p>cve: CVE-2014-3566</p> <p>url: https://ssl-config.mozilla.org</p> <p>url: https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html</p> <p>url: https://www.bsi.bund.de/EN/Themen/Oeffentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html</p>
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url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/Technisch
↪eRichtlinien/TR03116/BSI-TR-03116-4.html
url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindes
↪tstandard_BSI_TLS_Version_2_4.html
url: https://web.archive.org/web/20240113175943/https://www.bettercrypto.org
url: https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters
↪-report-2014
url: https://drownattack.com
url: https://www.imperialviolet.org/2014/10/14/poodle.html
cert-bund: WID-SEC-2025-1658
cert-bund: WID-SEC-2023-0431
cert-bund: WID-SEC-2023-0427
cert-bund: CB-K18/0094
cert-bund: CB-K17/1198
cert-bund: CB-K17/1196
cert-bund: CB-K16/1828
cert-bund: CB-K16/1438
cert-bund: CB-K16/1384
cert-bund: CB-K16/1141
cert-bund: CB-K16/1107
cert-bund: CB-K16/1102
cert-bund: CB-K16/0792
cert-bund: CB-K16/0599
cert-bund: CB-K16/0597
cert-bund: CB-K16/0459
cert-bund: CB-K16/0456
cert-bund: CB-K16/0433
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cert-bund: CB-K16/0156
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cert-bund: CB-K15/1358
cert-bund: CB-K15/1021
cert-bund: CB-K15/0972
cert-bund: CB-K15/0637
cert-bund: CB-K15/0590
cert-bund: CB-K15/0525
cert-bund: CB-K15/0393
cert-bund: CB-K15/0384
cert-bund: CB-K15/0287
cert-bund: CB-K15/0252

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cert-bund: CB-K15/0246
 cert-bund: CB-K15/0237
 cert-bund: CB-K15/0118
 cert-bund: CB-K15/0110
 cert-bund: CB-K15/0108
 cert-bund: CB-K15/0080
 cert-bund: CB-K15/0078
 cert-bund: CB-K15/0077
 cert-bund: CB-K15/0075
 cert-bund: CB-K14/1617
 cert-bund: CB-K14/1581
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 cert-bund: CB-K14/1458
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 dfn-cert: DFN-CERT-2017-1236
 dfn-cert: DFN-CERT-2016-1929
 dfn-cert: DFN-CERT-2016-1527
 dfn-cert: DFN-CERT-2016-1468
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 dfn-cert: DFN-CERT-2016-0496
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 dfn-cert: DFN-CERT-2016-0403
 dfn-cert: DFN-CERT-2016-0388
 dfn-cert: DFN-CERT-2016-0360
 dfn-cert: DFN-CERT-2016-0359
 dfn-cert: DFN-CERT-2016-0357
 dfn-cert: DFN-CERT-2016-0171
 dfn-cert: DFN-CERT-2015-1431

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dfn-cert: DFN-CERT-2015-1075
dfn-cert: DFN-CERT-2015-1026
dfn-cert: DFN-CERT-2015-0664
dfn-cert: DFN-CERT-2015-0548
dfn-cert: DFN-CERT-2015-0404
dfn-cert: DFN-CERT-2015-0396
dfn-cert: DFN-CERT-2015-0259
dfn-cert: DFN-CERT-2015-0254
dfn-cert: DFN-CERT-2015-0245
dfn-cert: DFN-CERT-2015-0118
dfn-cert: DFN-CERT-2015-0114
dfn-cert: DFN-CERT-2015-0083
dfn-cert: DFN-CERT-2015-0082
dfn-cert: DFN-CERT-2015-0081
dfn-cert: DFN-CERT-2015-0076
dfn-cert: DFN-CERT-2014-1717
dfn-cert: DFN-CERT-2014-1680
dfn-cert: DFN-CERT-2014-1632
dfn-cert: DFN-CERT-2014-1564
dfn-cert: DFN-CERT-2014-1542
dfn-cert: DFN-CERT-2014-1414
dfn-cert: DFN-CERT-2014-1366
dfn-cert: DFN-CERT-2014-1354

```

Medium (CVSS: 5.3)

NVT: SSL/TLS: Server Certificate / Certificate in Chain with RSA keys less than 2048 bits

Summary

The remote SSL/TLS server certificate and/or any of the certificates in the certificate chain is using a RSA key with less than 2048 bits.

Quality of Detection (QoD): 80%**Vulnerability Detection Result**

The remote SSL/TLS server is using the following certificate(s) with a RSA key with less than 2048 bits (public-key-size:public-key-algorithm:serial:issuer):
 1024:RSA:00FAF93A4C7FB6B9CC:1.2.840.113549.1.9.1=#726F6F74407562756E74753830342D
 626173652E6C6F63616C646F6D61696E,CN=ubuntu804-base.localdomain,OU=Office for C
 omplication of Otherwise Simple Affairs,O=OCOSA,L=Everywhere,ST=There is no su
 ch thing outside US,C=XX (Server certificate)

Impact

Using certificates with weak RSA key size can lead to unauthorized exposure of sensitive information.

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Solution:	
Solution type: Mitigation	
Replace the certificate with a stronger key and reissue the certificates it signed.	
Vulnerability Insight	
SSL/TLS certificates using RSA keys with less than 2048 bits are considered unsafe.	
Vulnerability Detection Method	
Checks the RSA keys size of the server certificate and all certificates in chain for a size < 2048 bit.	
Details: SSL/TLS: Server Certificate / Certificate in Chain with RSA keys less than 2048.	
↪..	
OID:1.3.6.1.4.1.25623.1.0.150710	
Version used: 2021-12-10T12:48:00Z	
References	
url: https://www.cabforum.org/wp-content/uploads/Baseline_Requirements_V1.pdf	

Medium (CVSS: 5.0)	
NVT: SSL/TLS: Certificate Expired	
Product detection result	
cpe:/a:ietf:transport_layer_security	
Detected by SSL/TLS: Collect and Report Certificate Details (OID: 1.3.6.1.4.1.25	
↪623.1.0.103692)	
Summary	
The remote server's SSL/TLS certificate has already expired.	
Quality of Detection (QoD): 99%	
Vulnerability Detection Result	
The certificate of the remote service expired on 2010-04-16 14:07:45.	
Certificate details:	
fingerprint (SHA-1)	ED093088706603BFD5DC237399B498DA2D4D31C6
fingerprint (SHA-256)	E7A7FA0D63E457C7C4A59B38B70849C6A70BDA6F830C7A
↪F1E32DEE436DE813CC	
issued by	1.2.840.113549.1.9.1=#726F6F74407562756E747538
↪30342D626173652E6C6F63616C646F6D61696E,CN=ubuntu804-base.localdomain,OU=Office	
↪ for Complication of Otherwise Simple Affairs,0=OC0SA,L=Everywhere,ST=There is	
↪ no such thing outside US,C=XX	
public key algorithm	RSA
public key size (bits)	1024
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serial	00FAF93A4C7FB6B9CC
signature algorithm	sha1WithRSAEncryption
subject	1.2.840.113549.1.9.1=#726F6F74407562756E747538 ↪30342D626173652E6C6F63616C646F6D61696E,CN=ubuntu804-base.localdomain,OU=Office ↪ for Complication of Otherwise Simple Affairs,0=OCOSA,L=Everywhere,ST=There is ↪ no such thing outside US,C=XX
subject alternative names (SAN)	None
valid from	2010-03-17 14:07:45 UTC
valid until	2010-04-16 14:07:45 UTC
Solution: Solution type: Mitigation Replace the SSL/TLS certificate by a new one.	
Vulnerability Insight This script checks expiry dates of certificates associated with SSL/TLS-enabled services on the target and reports whether any have already expired.	
Vulnerability Detection Method Details: SSL/TLS: Certificate Expired OID:1.3.6.1.4.1.25623.1.0.103955 Version used: 2024-06-14T05:05:48Z	
Product Detection Result Product: cpe:/a:ietf:transport_layer_security Method: SSL/TLS: Collect and Report Certificate Details OID: 1.3.6.1.4.1.25623.1.0.103692)	

Medium (CVSS: 5.0)
NVT: SSL/TLS: Renegotiation DoS Vulnerability (CVE-2011-1473, CVE-2011-5094)
Summary The remote SSL/TLS service is prone to a denial of service (DoS) vulnerability.
Quality of Detection (QoD): 70%
Vulnerability Detection Result The following indicates that the remote SSL/TLS service is affected: Protocol Version Successful re-done SSL/TLS handshakes (Renegotiation) over an ↪ existing / already established SSL/TLS connection ----- ↪----- TLSh1.0 10
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Impact	The flaw might make it easier for remote attackers to cause a DoS (CPU consumption) by performing many renegotiations within a single connection.
Solution:	
Solution type: VendorFix	Users should contact their vendors for specific patch information. A general solution is to remove/disable renegotiation capabilities altogether from/in the affected SSL/TLS service.
Affected Software/OS	Every SSL/TLS service which does not properly restrict client-initiated renegotiation.
Vulnerability Insight	The flaw exists because the remote SSL/TLS service does not properly restrict client-initiated renegotiation within the SSL and TLS protocols. Note: The referenced CVEs are affecting OpenSSL and Mozilla Network Security Services (NSS) but both are in a DISPUTED state with the following rationale: > It can also be argued that it is the responsibility of server deployments, not a security library, to prevent or limit renegotiation when it is inappropriate within a specific environment. Both CVEs are still kept in this VT as a reference to the origin of this flaw.
Vulnerability Detection Method	Checks if the remote service allows to re-do the same SSL/TLS handshake (Renegotiation) over an existing / already established SSL/TLS connection. Details: SSL/TLS: Renegotiation DoS Vulnerability (CVE-2011-1473, CVE-2011-5094) OID:1.3.6.1.4.1.25623.1.0.117761 Version used: 2024-09-27T05:05:23Z
References	cve: CVE-2011-1473 cve: CVE-2011-5094 url: https://web.archive.org/web/20211201133213/https://orchilles.com/ssl-renegotiation-dos/ url: https://mailarchive.ietf.org/arch/msg/tls/wdg46VE_jkYBbgJ5yE4P9nQ-8IU/ url: https://vincent.bernat.ch/en/blog/2011-ssl-dos-mitigation url: https://www.openwall.com/lists/oss-security/2011/07/08/2 cert-bund: WID-SEC-2024-1591 cert-bund: WID-SEC-2024-0796 cert-bund: WID-SEC-2023-1435 cert-bund: CB-K17/0980 cert-bund: CB-K17/0979 cert-bund: CB-K14/0772 cert-bund: CB-K13/0915 cert-bund: CB-K13/0462 dfn-cert: DFN-CERT-2025-0933
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dfn-cert: DFN-CERT-2017-1013 dfn-cert: DFN-CERT-2017-1012 dfn-cert: DFN-CERT-2014-0809 dfn-cert: DFN-CERT-2013-1928 dfn-cert: DFN-CERT-2012-1112
Medium (CVSS: 4.3) NVT: SSL/TLS: Deprecated TLSv1.0 and TLSv1.1 Protocol Detection
Product detection result cpe:/a:ietf:transport_layer_security:1.0 Detected by SSL/TLS: Version Detection (OID: 1.3.6.1.4.1.25623.1.0.105782)
Summary It was possible to detect the usage of the deprecated TLSv1.0 and/or TLSv1.1 protocol on this system.
Quality of Detection (QoD): 98%
Vulnerability Detection Result The service is only providing the deprecated TLSv1.0 protocol and supports one or more ciphers. Those supported ciphers can be found in the 'SSL/TLS: Report Supported Cipher Suites' (OID: 1.3.6.1.4.1.25623.1.0.802067) VT.
Impact An attacker might be able to use the known cryptographic flaws to eavesdrop the connection between clients and the service to get access to sensitive data transferred within the secured connection. Furthermore newly uncovered vulnerabilities in this protocols won't receive security updates anymore.
Solution: Solution type: Mitigation It is recommended to disable the deprecated TLSv1.0 and/or TLSv1.1 protocols in favor of the TLSv1.2+ protocols. Please see the references for more resources supporting you with this task.
Affected Software/OS - All services providing an encrypted communication using the TLSv1.0 and/or TLSv1.1 protocols - CVE-2023-41928: Kiloview P1 4G and P2 4G Video Encoder - CVE-2024-41270: Gorush v1.18.4 - CVE-2025-3200: Multiple products from Wiesemann & Theis
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Vulnerability Insight The TLSv1.0 and TLSv1.1 protocols contain known cryptographic flaws like: - CVE-2011-3389: Browser Exploit Against SSL/TLS (BEAST) - CVE-2015-0204: Factoring Attack on RSA-EXPORT Keys Padding Oracle On Downgraded Legacy Encryption (FREAK)
Vulnerability Detection Method Checks the used TLS protocols of the services provided by this system. Details: SSL/TLS: Deprecated TLSv1.0 and TLSv1.1 Protocol Detection OID: 1.3.6.1.4.1.25623.1.0.117274 Version used: 2025-04-30T05:39:51Z
Product Detection Result Product: cpe:/a:ietf:transport_layer_security:1.0 Method: SSL/TLS: Version Detection OID: 1.3.6.1.4.1.25623.1.0.105782)
References cve: CVE-2011-3389 cve: CVE-2015-0204 cve: CVE-2023-41928 cve: CVE-2024-41270 cve: CVE-2025-3200 url: https://ssl-config.mozilla.org url: https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuides/ines/TG02102/BSI-TR-02102-1.html url: https://www.bsi.bund.de/EN/Themen/Oeffentliche-Verwaltung/Mindeststandards/TLSProtokoll/TLS-Protokoll_node.html url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindeststandard_BSI_TLS_Version_2_4.html url: https://web.archive.org/web/20240113175943/https://www.bettercrypto.org url: https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014 url: https://datatracker.ietf.org/doc/rfc8996/ url: https://vnhacker.blogspot.com/2011/09/beast.html url: https://web.archive.org/web/20201108095603/https://censys.io/blog/freak url: https://certvde.com/en/advisories/VDE-2025-031/ url: https://gist.github.com/nyxfqq/cfae38fada582a0f576d154be1aeb1fc url: https://advisories.ncsc.nl/advisory?id=NCSC-2024-0273 cert-bund: WID-SEC-2023-1435 cert-bund: CB-K18/0799 cert-bund: CB-K16/1289 cert-bund: CB-K16/1096 cert-bund: CB-K15/1751
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cert-bund: CB-K15/1266
 cert-bund: CB-K15/0850
 cert-bund: CB-K15/0764
 cert-bund: CB-K15/0720
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 cert-bund: CB-K15/0526
 cert-bund: CB-K15/0509
 cert-bund: CB-K15/0493
 cert-bund: CB-K15/0384
 cert-bund: CB-K15/0365
 cert-bund: CB-K15/0364
 cert-bund: CB-K15/0302
 cert-bund: CB-K15/0192
 cert-bund: CB-K15/0079
 cert-bund: CB-K15/0016
 cert-bund: CB-K14/1342
 cert-bund: CB-K14/0231
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 cert-bund: CB-K13/0796
 cert-bund: CB-K13/0790
 dfn-cert: DFN-CERT-2020-0177
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 dfn-cert: DFN-CERT-2015-1332
 dfn-cert: DFN-CERT-2015-0884
 dfn-cert: DFN-CERT-2015-0800
 dfn-cert: DFN-CERT-2015-0758
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 dfn-cert: DFN-CERT-2015-0544
 dfn-cert: DFN-CERT-2015-0530
 dfn-cert: DFN-CERT-2015-0396
 dfn-cert: DFN-CERT-2015-0375
 dfn-cert: DFN-CERT-2015-0374
 dfn-cert: DFN-CERT-2015-0305
 dfn-cert: DFN-CERT-2015-0199
 dfn-cert: DFN-CERT-2015-0079
 dfn-cert: DFN-CERT-2015-0021
 dfn-cert: DFN-CERT-2014-1414
 dfn-cert: DFN-CERT-2013-1847
 dfn-cert: DFN-CERT-2013-1792
 dfn-cert: DFN-CERT-2012-1979

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dfn-cert: DFN-CERT-2012-1829
dfn-cert: DFN-CERT-2012-1530
dfn-cert: DFN-CERT-2012-1380
dfn-cert: DFN-CERT-2012-1377
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dfn-cert: DFN-CERT-2012-1214
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dfn-cert: DFN-CERT-2012-0776
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dfn-cert: DFN-CERT-2012-0627
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dfn-cert: DFN-CERT-2012-0221
dfn-cert: DFN-CERT-2012-0177
dfn-cert: DFN-CERT-2012-0170
dfn-cert: DFN-CERT-2012-0146
dfn-cert: DFN-CERT-2012-0142
dfn-cert: DFN-CERT-2012-0126
dfn-cert: DFN-CERT-2012-0123
dfn-cert: DFN-CERT-2012-0095
dfn-cert: DFN-CERT-2012-0051
dfn-cert: DFN-CERT-2012-0047
dfn-cert: DFN-CERT-2012-0021
dfn-cert: DFN-CERT-2011-1953
dfn-cert: DFN-CERT-2011-1946
dfn-cert: DFN-CERT-2011-1844
dfn-cert: DFN-CERT-2011-1826
dfn-cert: DFN-CERT-2011-1774
dfn-cert: DFN-CERT-2011-1743
dfn-cert: DFN-CERT-2011-1738
dfn-cert: DFN-CERT-2011-1706
dfn-cert: DFN-CERT-2011-1628
dfn-cert: DFN-CERT-2011-1627
dfn-cert: DFN-CERT-2011-1619

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dfn-cert: DFN-CERT-2011-1482

Medium (CVSS: 4.0)

NVT: SSL/TLS: Certificate Signed Using A Weak Signature Algorithm

Summary

The remote service is using a SSL/TLS certificate in the certificate chain that has been signed using a cryptographically weak hashing algorithm.

Quality of Detection (QoD): 80%**Vulnerability Detection Result**

The following certificates are part of the certificate chain but using insecure ↪signature algorithms:

Subject: 1.2.840.113549.1.9.1=#726F6F74407562756E74753830342D626173
 ↪652E6C6F63616C646F6D61696E,CN=ubuntu804-base.localdomain,OU=Office for Complic
 ↪ation of Otherwise Simple Affairs,O=OCOSA,L=Everywhere,ST=There is no such thi
 ↪ng outside US,C=XX

Signature Algorithm: sha1WithRSAEncryption

Solution:**Solution type:** Mitigation

Servers that use SSL/TLS certificates signed with a weak SHA-1, MD5, MD4 or MD2 hashing algorithm will need to obtain new SHA-2 signed SSL/TLS certificates to avoid web browser SSL/TLS certificate warnings.

Vulnerability Insight

The following hashing algorithms used for signing SSL/TLS certificates are considered cryptographically weak and not secure enough for ongoing use:

- Secure Hash Algorithm 1 (SHA-1)
- Message Digest 5 (MD5)
- Message Digest 4 (MD4)
- Message Digest 2 (MD2)

Beginning as late as January 2017 and as early as June 2016, browser developers such as Microsoft and Google will begin warning users when visiting web sites that use SHA-1 signed Secure Socket Layer (SSL) certificates.

NOTE: The script preference allows to set one or more custom SHA-1 fingerprints of CA certificates which are trusted by this routine. The fingerprints needs to be passed comma-separated and case-insensitive:

Fingerprint1

or

fingerprint1, Fingerprint2

Vulnerability Detection Method

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<p>Check which hashing algorithm was used to sign the remote SSL/TLS certificate. Details: SSL/TLS: Certificate Signed Using A Weak Signature Algorithm OID:1.3.6.1.4.1.25623.1.0.105880 Version used: 2021-10-15T11:13:32Z</p>
<p>References url: https://blog.mozilla.org/security/2014/09/23/phasing-out-certificates-with-sha-1-based-signature-algorithms/</p>

Medium (CVSS: 4.0)
NVT: SSL/TLS: Diffie-Hellman Key Exchange Insufficient DH Group Strength Vulnerability
<p>Summary The SSL/TLS service uses Diffie-Hellman groups with insufficient strength (key size < 2048).</p>
<p>Quality of Detection (QoD): 80%</p>
<p>Vulnerability Detection Result Server Temporary Key Size: 1024 bits</p>
<p>Impact An attacker might be able to decrypt the SSL/TLS communication offline.</p>
<p>Solution: Solution type: Workaround - Deploy (Ephemeral) Elliptic-Curve Diffie-Hellman (ECDHE) or use a 2048-bit or stronger Diffie-Hellman group. Please see the references for more resources supporting you with this task. - For Apache Web Servers: Beginning with version 2.4.7, mod_ssl will use DH parameters which include primes with lengths of more than 1024 bits.</p>
<p>Affected Software/OS All services providing an encrypted communication using Diffie-Hellman groups with insufficient strength.</p>
<p>Vulnerability Insight The Diffie-Hellman group are some big numbers that are used as base for the DH computations. They can be, and often are, fixed. The security of the final secret depends on the size of these parameters. It was found that 512 and 768 bits to be weak, 1024 bits to be breakable by really powerful attackers like governments.</p>
<p>Vulnerability Detection Method Checks the DHE temporary public key size. Details: SSL/TLS: Diffie-Hellman Key Exchange Insufficient DH Group Strength Vulnerability. ↪..</p>
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OID:1.3.6.1.4.1.25623.1.0.106223 Version used: 2025-03-27T05:38:50Z
References url: https://weakdh.org url: https://weakdh.org/sysadmin.html url: https://ssl-config.mozilla.org url: https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html url: https://www.bsi.bund.de/EN/Themen/0effentliche-Verwaltung/Mindeststandards/0TLS-Protokoll/TLS-Protokoll_node.html url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html url: https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindeststandard_BSI_TLS_Version_2_4.html url: https://web.archive.org/web/20240113175943/https://www.bettercrypto.org url: https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014 url: https://httpd.apache.org/docs/2.4/mod/mod_ssl.html#sslcertificatefile

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2.1.22 Low general/tcp

Low (CVSS: 2.6) NVT: TCP Timestamps Information Disclosure
Summary The remote host implements TCP timestamps and therefore allows to compute the uptime.
Quality of Detection (QoD): 80%
Vulnerability Detection Result It was detected that the host implements RFC1323/RFC7323. The following timestamps were retrieved with a delay of 1 seconds in-between: Packet 1: 3200047 Packet 2: 3200153
Impact A side effect of this feature is that the uptime of the remote host can sometimes be computed.
Solution: Solution type: Mitigation
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<p>To disable TCP timestamps on linux add the line 'net.ipv4.tcp_timestamps = 0' to /etc/sysctl.conf. Execute 'sysctl -p' to apply the settings at runtime.</p> <p>To disable TCP timestamps on Windows execute 'netsh int tcp set global timestamps=disabled' Starting with Windows Server 2008 and Vista, the timestamp can not be completely disabled. The default behavior of the TCP/IP stack on this Systems is to not use the Timestamp options when initiating TCP connections, but use them if the TCP peer that is initiating communication includes them in their synchronize (SYN) segment.</p> <p>See the references for more information.</p>
<p>Affected Software/OS</p> <p>TCP implementations that implement RFC1323/RFC7323.</p>
<p>Vulnerability Insight</p> <p>The remote host implements TCP timestamps, as defined by RFC1323/RFC7323.</p>
<p>Vulnerability Detection Method</p> <p>Special IP packets are forged and sent with a little delay in between to the target IP. The responses are searched for a timestamps. If found, the timestamps are reported.</p> <p>Details: TCP Timestamps Information Disclosure</p> <p>OID:1.3.6.1.4.1.25623.1.0.80091</p> <p>Version used: 2023-12-15T16:10:08Z</p>
<p>References</p> <p>url: https://datatracker.ietf.org/doc/html/rfc1323</p> <p>url: https://datatracker.ietf.org/doc/html/rfc7323</p> <p>url: https://web.archive.org/web/20151213072445/http://www.microsoft.com/en-us/download/details.aspx?id=9152</p> <p>url: https://www.fortiguard.com/psirt/FG-IR-16-090</p>

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2.1.23 Low 25/tcp

Low (CVSS: 3.7)
NVT: SSL/TLS: 'DHE_EXPORT' MITM Security Bypass Vulnerability (LogJam)
<p>Product detection result</p> <p>cpe:/a:ietf:transport_layer_security</p> <p>Detected by SSL/TLS: Report Supported Cipher Suites (OID: 1.3.6.1.4.1.25623.1.0.↵802067)</p>
Summary
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This host is accepting 'DHE_EXPORT' cipher suites and is prone to a man-in-the-middle (MITM) vulnerability.
Quality of Detection (QoD): 80%
Vulnerability Detection Result 'DHE_EXPORT' cipher suites accepted by this service via the SSLv3 protocol: TLS_DHE_RSA_EXPORT_WITH_DES40_CBC_SHA TLS_DH_anon_EXPORT_WITH_DES40_CBC_SHA TLS_DH_anon_EXPORT_WITH_RC4_40_MD5 'DHE_EXPORT' cipher suites accepted by this service via the TLSv1.0 protocol: TLS_DHE_RSA_EXPORT_WITH_DES40_CBC_SHA TLS_DH_anon_EXPORT_WITH_DES40_CBC_SHA TLS_DH_anon_EXPORT_WITH_RC4_40_MD5
Impact Successful exploitation will allow a man-in-the-middle attacker to downgrade the security of a TLS session to 512-bit export-grade cryptography, which is significantly weaker, allowing the attacker to more easily break the encryption and monitor or tamper with the encrypted stream.
Solution: Solution type: VendorFix - Remove support for 'DHE_EXPORT' cipher suites from the service. Please see the references for more resources supporting you with this task. - If the service is using OpenSSL: Update to version 1.0.1n, 1.0.2b or later.
Affected Software/OS - Hosts accepting 'DHE_EXPORT' cipher suites. - OpenSSL versions prior to 1.0.1n and 1.0.2 prior to 1.0.2b.
Vulnerability Insight Flaw is triggered when handling Diffie-Hellman key exchanges defined in the 'DHE_EXPORT' cipher suites.
Vulnerability Detection Method Checks previous collected cipher suites. Details: SSL/TLS: 'DHE_EXPORT' MITM Security Bypass Vulnerability (LogJam) OID:1.3.6.1.4.1.25623.1.0.805188 Version used: 2025-03-27T05:38:50Z
Product Detection Result Product: cpe:/a:ietf:transport_layer_security Method: SSL/TLS: Report Supported Cipher Suites OID: 1.3.6.1.4.1.25623.1.0.802067)
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References

cve: CVE-2015-4000
 url: <https://weakdh.org>
 url: <https://weakdh.org/sysadmin.html>
 url: <https://web.archive.org/web/20210122160144/http://www.securityfocus.com/bid/74733>
 url: <https://weakdh.org/imperfect-forward-secrecy.pdf>
 url: <https://openwall.com/lists/oss-security/2015/05/20/8>
 url: <https://blog.cloudflare.com/logjam-the-latest-tls-vulnerability-explained>
 url: <https://openssl-library.org/post/2015-05-20-logjam-freak-upcoming-changes/index.html>
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 url: <https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014>
 cert-bund: CB-K21/0067
 cert-bund: CB-K19/0812
 cert-bund: CB-K16/1593
 cert-bund: CB-K16/1552
 cert-bund: CB-K16/0617
 cert-bund: CB-K16/0599
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 cert-bund: CB-K15/0932

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cert-bund: CB-K15/0907
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cert-bund: CB-K15/0896
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cert-bund: CB-K15/0802
cert-bund: CB-K15/0733
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dfn-cert: DFN-CERT-2021-0775
dfn-cert: DFN-CERT-2020-1561
dfn-cert: DFN-CERT-2020-1276
dfn-cert: DFN-CERT-2016-1692
dfn-cert: DFN-CERT-2016-1648
dfn-cert: DFN-CERT-2016-0665
dfn-cert: DFN-CERT-2016-0642
dfn-cert: DFN-CERT-2016-0184
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dfn-cert: DFN-CERT-2016-0101
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dfn-cert: DFN-CERT-2015-1113
dfn-cert: DFN-CERT-2015-1078
dfn-cert: DFN-CERT-2015-1067
dfn-cert: DFN-CERT-2015-1016
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dfn-cert: DFN-CERT-2015-0976
dfn-cert: DFN-CERT-2015-0960
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dfn-cert: DFN-CERT-2015-0944
dfn-cert: DFN-CERT-2015-0925
dfn-cert: DFN-CERT-2015-0879
dfn-cert: DFN-CERT-2015-0844
dfn-cert: DFN-CERT-2015-0737

Low (CVSS: 3.4)
NVT: SSL/TLS: SSLv3 Protocol CBC Cipher Suites Information Disclosure Vulnerability (POODLE)
<p>Product detection result</p> <p>cpe:/a:ietf:transport_layer_security</p> <p>Detected by SSL/TLS: Report Supported Cipher Suites (OID: 1.3.6.1.4.1.25623.1.0.↪802067)</p>
<p>Summary</p> <p>This host is prone to an information disclosure vulnerability.</p>
<p>Quality of Detection (QoD): 80%</p>
<p>Vulnerability Detection Result</p> <p>Vulnerability was detected according to the Vulnerability Detection Method.</p>
<p>Impact</p> <p>Successful exploitation will allow a man-in-the-middle attackers gain access to the plain text data stream.</p>
<p>Solution:</p> <p>Solution type: Mitigation</p> <p>Possible Mitigations are:</p> <ul style="list-style-type: none">- Disable SSLv3- Disable cipher suites supporting CBC cipher modes- Enable TLS_FALLBACK_SCSV if the service is providing TLSv1.0+
<p>Vulnerability Insight</p> <p>The flaw is due to the block cipher padding not being deterministic and not covered by the Message Authentication Code</p>
<p>Vulnerability Detection Method</p> <p>Evaluate previous collected information about this service.</p> <p>Details: SSL/TLS: SSLv3 Protocol CBC Cipher Suites Information Disclosure Vulnerability .↪..</p> <p>OID:1.3.6.1.4.1.25623.1.0.802087</p> <p>Version used: 2024-09-30T08:38:05Z</p>
<p>Product Detection Result</p> <p>Product: cpe:/a:ietf:transport_layer_security</p> <p>Method: SSL/TLS: Report Supported Cipher Suites</p> <p>OID: 1.3.6.1.4.1.25623.1.0.802067)</p>
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References

cve: CVE-2014-3566

url: <https://www.openssl.org/~bodo/ssl-poodle.pdf>url: <http://www.securityfocus.com/bid/70574>url: <https://www.imperialviolet.org/2014/10/14/poodle.html>url: <https://www.dfranke.us/posts/2014-10-14-how-poodle-happened.html>url: <http://googleonlinesecurity.blogspot.in/2014/10/this-poodle-bites-exploitin-↪g-ssl-30.html>

cert-bund: WID-SEC-2025-1658

cert-bund: WID-SEC-2023-0431

cert-bund: CB-K17/1198

cert-bund: CB-K17/1196

cert-bund: CB-K16/1828

cert-bund: CB-K16/1438

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cert-bund: CB-K15/0972

cert-bund: CB-K15/0637

cert-bund: CB-K15/0590

cert-bund: CB-K15/0525

cert-bund: CB-K15/0393

cert-bund: CB-K15/0384

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cert-bund: CB-K15/0246

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cert-bund: CB-K15/0075

cert-bund: CB-K14/1617

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cert-bund: CB-K14/1313

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dfn-cert: DFN-CERT-2014-1366
dfn-cert: DFN-CERT-2014-1354
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2.1.24 Low general/icmp

Low (CVSS: 2.1)
NVT: ICMP Timestamp Reply Information Disclosure
Summary The remote host responded to an ICMP timestamp request.
Quality of Detection (QoD): 80%
Vulnerability Detection Result The following response / ICMP packet has been received: - ICMP Type: 14 - ICMP Code: 0
Impact This information could theoretically be used to exploit weak time-based random number generators in other services.
Solution: Solution type: Mitigation Various mitigations are possible: - Disable the support for ICMP timestamp on the remote host completely - Protect the remote host by a firewall, and block ICMP packets passing through the firewall in either direction (either completely or only for untrusted networks)
Vulnerability Insight The Timestamp Reply is an ICMP message which replies to a Timestamp message. It consists of the originating timestamp sent by the sender of the Timestamp as well as a receive timestamp and a transmit timestamp.
Vulnerability Detection Method Sends an ICMP Timestamp (Type 13) request and checks if a Timestamp Reply (Type 14) is received. Details: ICMP Timestamp Reply Information Disclosure OID:1.3.6.1.4.1.25623.1.0.103190 Version used: 2025-01-21T05:37:33Z
References cve: CVE-1999-0524 url: https://datatracker.ietf.org/doc/html/rfc792 url: https://datatracker.ietf.org/doc/html/rfc2780 cert-bund: CB-K15/1514 cert-bund: CB-K14/0632 dfn-cert: DFN-CERT-2014-0658

[\[return to 192.168.50.101 \]](#)

2.1.25 Low 22/tcp

Low (CVSS: 2.6)
NVT: Weak MAC Algorithm(s) Supported (SSH)
<p>Product detection result</p> <p>cpe:/a:ietf:secure_shell_protocol</p> <p>Detected by SSH Protocol Algorithms Supported (OID: 1.3.6.1.4.1.25623.1.0.105565 ↪)</p>
<p>Summary</p> <p>The remote SSH server is configured to allow / support weak MAC algorithm(s).</p>
<p>Quality of Detection (QoD): 80%</p>
<p>Vulnerability Detection Result</p> <p>The remote SSH server supports the following weak client-to-server MAC algorithm ↪(s):</p> <p>hmac-md5</p> <p>hmac-md5-96</p> <p>hmac-sha1-96</p> <p>umac-64@openssh.com</p> <p>The remote SSH server supports the following weak server-to-client MAC algorithm ↪(s):</p> <p>hmac-md5</p> <p>hmac-md5-96</p> <p>hmac-sha1-96</p> <p>umac-64@openssh.com</p>
<p>Solution:</p> <p>Solution type: Mitigation</p> <p>Disable the reported weak MAC algorithm(s).</p>
<p>Vulnerability Detection Method</p> <p>Checks the supported MAC algorithms (client-to-server and server-to-client) of the remote SSH server.</p> <p>Currently weak MAC algorithms are defined as the following:</p> <ul style="list-style-type: none">- MD5 based algorithms- 96-bit based algorithms- 64-bit based algorithms- 'none' algorithm <p>Details: Weak MAC Algorithm(s) Supported (SSH)</p> <p>OID:1.3.6.1.4.1.25623.1.0.105610</p> <p>Version used: 2024-06-14T05:05:48Z</p>
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Product Detection Result

Product: cpe:/a:ietf:secure_shell_protocol
 Method: SSH Protocol Algorithms Supported
 OID: 1.3.6.1.4.1.25623.1.0.105565)

References

url: <https://www.rfc-editor.org/rfc/rfc6668>
 url: <https://www.rfc-editor.org/rfc/rfc4253#section-6.4>

[[return to 192.168.50.101](#)]**2.1.26 Low 5432/tcp**

Low (CVSS: 3.4)

NVT: SSL/TLS: SSLv3 Protocol CBC Cipher Suites Information Disclosure Vulnerability (POODLE)

Product detection result

cpe:/a:ietf:transport_layer_security
 Detected by SSL/TLS: Report Supported Cipher Suites (OID: 1.3.6.1.4.1.25623.1.0.↔802067)

Summary

This host is prone to an information disclosure vulnerability.

Quality of Detection (QoD): 80%**Vulnerability Detection Result**

Vulnerability was detected according to the Vulnerability Detection Method.

Impact

Successful exploitation will allow a man-in-the-middle attackers gain access to the plain text data stream.

Solution:**Solution type:** Mitigation

Possible Mitigations are:

- Disable SSLv3
- Disable cipher suites supporting CBC cipher modes
- Enable TLS_FALLBACK_SCSV if the service is providing TLSv1.0+

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Vulnerability Insight The flaw is due to the block cipher padding not being deterministic and not covered by the Message Authentication Code
Vulnerability Detection Method Evaluate previous collected information about this service. Details: SSL/TLS: SSLv3 Protocol CBC Cipher Suites Information Disclosure Vulnerability . ↪.. OID:1.3.6.1.4.1.25623.1.0.802087 Version used: 2024-09-30T08:38:05Z
Product Detection Result Product: cpe:/a:ietf:transport_layer_security Method: SSL/TLS: Report Supported Cipher Suites OID: 1.3.6.1.4.1.25623.1.0.802067)
References cve: CVE-2014-3566 url: https://www.openssl.org/~bodo/ssl-poodle.pdf url: http://www.securityfocus.com/bid/70574 url: https://www.imperialviolet.org/2014/10/14/poodle.html url: https://www.dfranke.us/posts/2014-10-14-how-poodle-happened.html url: http://googleonlinesecurity.blogspot.in/2014/10/this-poodle-bites-exploitin ↪g-ssl-30.html cert-bund: WID-SEC-2025-1658 cert-bund: WID-SEC-2023-0431 cert-bund: CB-K17/1198 cert-bund: CB-K17/1196 cert-bund: CB-K16/1828 cert-bund: CB-K16/1438 cert-bund: CB-K16/1384 cert-bund: CB-K16/1102 cert-bund: CB-K16/0599 cert-bund: CB-K16/0156 cert-bund: CB-K15/1514 cert-bund: CB-K15/1358 cert-bund: CB-K15/1021 cert-bund: CB-K15/0972 cert-bund: CB-K15/0637 cert-bund: CB-K15/0590 cert-bund: CB-K15/0525 cert-bund: CB-K15/0393 cert-bund: CB-K15/0384 cert-bund: CB-K15/0287 cert-bund: CB-K15/0252
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