

# Scan Report

December 31, 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 “Scan1”. The scan started at Wed Dec 31 16:09:48 2025 UTC and ended at Wed Dec 31 16:58:58 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.
192.168.159.131	0	19	39	6	0	0
Total: 1	0	19	39	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 64 results selected by the filtering described above. Before filtering there were 530 results.

## 1.1 Host Authentications

Host	Protocol	Result	Port/User
192.168.159.131	SMB	Success	Protocol SMB, Port 445, User

# 2 Results per Host

## 2.1 192.168.159.131

Host scan start    Wed Dec 31 16:12:58 2025 UTC

Host scan end    Wed Dec 31 16:58:52 2025 UTC

Service (Port)	Threat Level
3632/tcp	High
general/tcp	High
1099/tcp	High
2121/tcp	High
512/tcp	High
8787/tcp	High
6697/tcp	High
21/tcp	High
80/tcp	High

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Service (Port)	Threat Level
1524/tcp	High
8009/tcp	High
5432/tcp	High
5900/tcp	High
6200/tcp	High
22/tcp	Medium
2121/tcp	Medium
25/tcp	Medium
21/tcp	Medium
80/tcp	Medium
445/tcp	Medium
5432/tcp	Medium
5900/tcp	Medium
22/tcp	Low
general/tcp	Low
general/icmp	Low
25/tcp	Low
5432/tcp	Low

### 2.1.1 High 3632/tcp

High (CVSS: 9.3) NVT: DistCC RCE Vulnerability (CVE-2004-2687)
<b>Summary</b> DistCC is prone to a remote code execution (RCE) vulnerability.
<b>Quality of Detection (QoD):</b> 99%
<b>Vulnerability Detection Result</b> It was possible to execute the "id" command. Result: uid=1(daemon) gid=1(daemon)
<b>Impact</b> DistCC by default trusts its clients completely that in turn could allow a malicious client to execute arbitrary commands on the server.
<b>Solution:</b> <b>Solution type:</b> VendorFix Vendor updates are available. Please see the references for more information. For more information about DistCC's security see the references.
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**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 192.168.159.131](#) ]

### 2.1.2 High general/tcp

High (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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<b>Impact</b>	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.
<b>Solution:</b>	
<b>Solution type:</b>	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
<b>Vulnerability Detection Method</b>	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
<b>Product Detection Result</b>	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)

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### 2.1.3 High 1099/tcp

High (CVSS: 7.5)
NVT: Java RMI Server Insecure Default Configuration RCE Vulnerability - Active Check
<b>Summary</b> 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.
<b>Quality of Detection (QoD):</b> 95%
<b>Vulnerability Detection Result</b> 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: 192.168.159.132 (receiving IP on scanner host side)
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Destination port: 25756/tcp (receiving port on scanner host side) Originating IP: 192.168.159.131 (originating IP from target host side)
<b>Impact</b> 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.
<b>Solution:</b> <b>Solution type:</b> Workaround Disable class-loading. Please contact the vendor of the affected system for additional guidance.
<b>Vulnerability Insight</b> The vulnerability exists because of an incorrect default configuration of the Remote Method Invocation (RMI) Server in the affected software.
<b>Vulnerability Detection Method</b> 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
<b>References</b> cve: CVE-2011-3556 url: <a href="https://web.archive.org/web/20211208040855/http://www.securitytracker.com/id?1026215">https://web.archive.org/web/20211208040855/http://www.securitytracker.com/id?1026215</a> url: <a href="https://web.archive.org/web/20110824060234/http://download.oracle.com/java/e/1.3/docs/guide/rmi/spec/rmi-protocol.html">https://web.archive.org/web/20110824060234/http://download.oracle.com/java/e/1.3/docs/guide/rmi/spec/rmi-protocol.html</a> url: <a href="https://tools.cisco.com/security/center/viewAlert.x?alertId=23665">https://tools.cisco.com/security/center/viewAlert.x?alertId=23665</a> dfn-cert: DFN-CERT-2012-1829 dfn-cert: DFN-CERT-2012-1380 dfn-cert: DFN-CERT-2012-1377 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
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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 192.168.159.131](#) ]

#### 2.1.4 High 2121/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

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
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<p>... continued from previous page ...</p> <ul style="list-style-type: none"> <li>- CVE-2013-7404: GE Healthcare Discovery NM 750b</li> <li>- CVE-2014-9198: Schneider Electric ETG3000 FactoryCast HMI gateways</li> <li>- CVE-2015-7261: QNAP iArtist Lite distributed with QNAP Signage Station</li> <li>- CVE-2016-8731: Foscam C1 devices</li> <li>- CVE-2017-8218: vsftpd on TP-Link C2 and C20i devices</li> <li>- CVE-2018-9068: IMM2 for IBM and Lenovo System x</li> <li>- CVE-2018-17771: Ingenico Telium 2 PoS terminals</li> <li>- CVE-2018-19063, CVE-2018-19064: Foscam C2 and Opticam i5 devices</li> </ul> <p>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.</p>
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### 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

[\[ return to 192.168.159.131 \]](#)

#### 2.1.5 High 512/tcp

High (CVSS: 10.0)
NVT: The rexec service is running
<b>Summary</b>

This remote host is running a rexec service.

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<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> The rexec service was detected on the target system.
<b>Solution:</b> <b>Solution type:</b> Mitigation Disable the rexec service and use alternatives like SSH instead.
<b>Vulnerability Insight</b> rexec (remote execution client for an exec server) has the same kind of functionality that rsh has: you can execute shell commands on a remote computer. The main difference is that rexec authenticate by reading the username and password *unencrypted* from the socket.
<b>Vulnerability Detection Method</b> Checks whether an rexec service is exposed on the target host. Details: The rexec service is running OID:1.3.6.1.4.1.25623.1.0.100111 Version used: 2023-09-12T05:05:19Z
<b>References</b> cve: CVE-1999-0618

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### 2.1.6 High 8787/tcp

High (CVSS: 10.0)
NVT: Distributed Ruby (dRuby/DRb) Multiple RCE Vulnerabilities
<b>Summary</b> Systems using Distributed Ruby (dRuby/DRb), which is available in Ruby versions 1.6 and later, may permit unauthorized systems to execute distributed commands.
<b>Quality of Detection (QoD):</b> 99%
<b>Vulnerability Detection Result</b> The service is running in \$SAFE >= 1 mode. However it is still possible to run a ↪ arbitrary syscall commands on the remote host. Sending an invalid syscall the service returned the following response: <pre>Flo::Errno::ENOSYS:bt["3/usr/lib/ruby/1.8/druby/druby.rb:1555:in `syscall'"]0/usr/lib/</pre> ... continues on next page ...

<p>... continued from previous page ...</p> <pre>→ruby/1.8/druby/druby.rb:1555:in `send'"4/usr/lib/ruby/1.8/druby/druby.rb:1555:in `__se →nd__'"A/usr/lib/ruby/1.8/druby/druby.rb:1555:in `perform_without_block'"3/usr/lib/ →ruby/1.8/druby/druby.rb:1515:in `perform'"5/usr/lib/ruby/1.8/druby/druby.rb:1589:in `m →ain_loop'"0/usr/lib/ruby/1.8/druby/druby.rb:1585:in `loop'"5/usr/lib/ruby/1.8/druby/ →druby.rb:1585:in `main_loop'"1/usr/lib/ruby/1.8/druby/druby.rb:1581:in `start'"5/usr →/lib/ruby/1.8/druby/druby.rb:1581:in `main_loop'"//usr/lib/ruby/1.8/druby/druby.rb:143 →0:in `run'"1/usr/lib/ruby/1.8/druby/druby.rb:1427:in `start'"//usr/lib/ruby/1.8/dr →b/druby.rb:1427:in `run'"6/usr/lib/ruby/1.8/druby/druby.rb:1347:in `initialize'"//us →r/lib/ruby/1.8/druby/druby.rb:1627:in `new'"9/usr/lib/ruby/1.8/druby/druby.rb:1627:in →`start_service'"%/usr/sbin/druby_timeserver.rb:12:errnoi+:mesg"Function not im →plemented</pre>
<p><b>Impact</b></p> <p>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.</p>
<p><b>Solution:</b></p> <p><b>Solution type:</b> Mitigation</p> <p>Administrators of environments that rely on Distributed Ruby should ensure that appropriate controls are in place. Code-level controls may include:</p> <ul style="list-style-type: none"> <li>- Implementing taint on untrusted input</li> <li>- Setting \$SAFE levels appropriately (&gt;=2 is recommended if untrusted hosts are allowed to submit Ruby commands, and &gt;=3 may be appropriate)</li> <li>- Including drb/acl.rb to set ACLEntry to restrict access to trusted hosts</li> </ul>
<p><b>Vulnerability Detection Method</b></p> <p>Send a crafted command to the service and check for a remote command execution via the instance_eval or syscall requests.</p> <p>Details: <b>Distributed Ruby (dRuby/DRb) Multiple RCE Vulnerabilities</b>  OID:1.3.6.1.4.1.25623.1.0.108010  Version used: 2024-06-28T05:05:33Z</p>
<p><b>References</b></p> <pre>url: https://tools.cisco.com/security/center/viewAlert.x?alertId=22750 url: http://www.securityfocus.com/bid/47071 url: http://blog.security-labs.com/archives/2011/05/12/druby_for_penetration_tes →ters/ url: http://www.ruby-doc.org/stdlib-1.9.3/libdoc/druby/rdoc/DRb.html</pre>

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### 2.1.7 High 6697/tcp

High (CVSS: 8.1)
NVT: UnrealIRCd Authentication Spoofing Vulnerability
<b>Product detection result</b> cpe:/a:unrealircd:unrealircd:3.2.8.1 Detected by UnrealIRCd Detection (OID: 1.3.6.1.4.1.25623.1.0.809884)
<b>Summary</b> UnrealIRCd is prone to authentication spoofing vulnerability.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> Installed version: 3.2.8.1 Fixed version: 3.2.10.7
<b>Impact</b> Successful exploitation of this vulnerability will allow remote attackers to spoof certificate fingerprints and consequently log in as another user.
<b>Solution:</b> <b>Solution type:</b> VendorFix Update to version 3.2.10.7, 4.0.6 or later.
<b>Affected Software/OS</b> UnrealIRCd before 3.2.10.7 and 4.x before 4.0.6.
<b>Vulnerability Insight</b> The flaw exists due to an error in the 'm_authenticate' function in 'modules/m_sasl.c' script.
<b>Vulnerability Detection Method</b> Checks if a vulnerable version is present on the target host. Details: UnrealIRCd Authentication Spoofing Vulnerability OID: 1.3.6.1.4.1.25623.1.0.809883 Version used: 2025-12-17T05:46:28Z
<b>Product Detection Result</b> Product: cpe:/a:unrealircd:unrealircd:3.2.8.1 Method: UnrealIRCd Detection OID: 1.3.6.1.4.1.25623.1.0.809884)
<b>References</b> cve: CVE-2016-7144
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```
url: http://seclists.org/oss-sec/2016/q3/420
url: http://www.securityfocus.com/bid/92763
url: http://www.openwall.com/lists/oss-security/2016/09/05/8
url: https://github.com/unrealircd/unrealircd/commit/f473e355e1dc422c4f019dbf86b
→c50ba1a34a766
url: https://bugs.unrealircd.org/main_page.php
```

[ [return to 192.168.159.131](#) ]

### 2.1.8 High 21/tcp

<p>High (CVSS: 9.8)</p> <p>NVT: vsftpd Compromised Source Packages Backdoor Vulnerability</p>
<p><b>Product detection result</b> cpe:/a:beasts:vsftpd:2.3.4 Detected by vsFTPd FTP Server Detection (OID: 1.3.6.1.4.1.25623.1.0.111050)</p>
<p><b>Summary</b> vsftpd is prone to a backdoor vulnerability.</p>
<p><b>Quality of Detection (QoD):</b> 99%</p>
<p><b>Vulnerability Detection Result</b> Vulnerability was detected according to the Vulnerability Detection Method.</p>
<p><b>Impact</b> Attackers can exploit this issue to execute arbitrary commands in the context of the application. Successful attacks will compromise the affected application.</p>
<p><b>Solution:</b> <b>Solution type:</b> VendorFix The repaired package can be downloaded from the referenced vendor homepage. Please validate the package with its signature.</p>
<p><b>Affected Software/OS</b> The vsftpd 2.3.4 source package downloaded between 20110630 and 20110703 is affected.</p>
<p><b>Vulnerability Insight</b> The tainted source package contains a backdoor which opens a shell on port 6200/tcp.</p>
<p><b>Vulnerability Detection Method</b></p>
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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
<b>Product Detection Result</b> Product: cpe:/a:beasts:vsftpd:2.3.4 Method: vsFTPd FTP Server Detection OID: 1.3.6.1.4.1.25623.1.0.111050)
<b>References</b> cve: CVE-2011-2523 url: <a href="https://scarybeastsecurity.blogspot.com/2011/07/alert-vsftpd-download-backdoored.html">https://scarybeastsecurity.blogspot.com/2011/07/alert-vsftpd-download-backdoored.html</a> url: <a href="https://web.archive.org/web/20210127090551/https://www.securityfocus.com/bid/48539/">https://web.archive.org/web/20210127090551/https://www.securityfocus.com/bid/48539/</a> url: <a href="https://security.appspot.com/vsftpd.html">https://security.appspot.com/vsftpd.html</a>

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

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

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<ul style="list-style-type: none"> <li>- CVE-2013-7404: GE Healthcare Discovery NM 750b</li> <li>- CVE-2014-9198: Schneider Electric ETG3000 FactoryCast HMI gateways</li> <li>- CVE-2015-7261: QNAP iArtist Lite distributed with QNAP Signage Station</li> <li>- CVE-2016-8731: Foscam C1 devices</li> <li>- CVE-2017-8218: vsftpd on TP-Link C2 and C20i devices</li> <li>- CVE-2018-9068: IMM2 for IBM and Lenovo System x</li> <li>- CVE-2018-17771: Ingenico Telium 2 PoS terminals</li> <li>- CVE-2018-19063, CVE-2018-19064: Foscam C2 and Opticam i5 devices</li> </ul> <p>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.</p>
<p><b>Vulnerability Detection Method</b>  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</p>
<p><b>References</b></p> <p>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</p>

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### 2.1.9 High 80/tcp

High (CVSS: 10.0)
NVT: TWiki < 4.2.4 Multiple XSS / Command Execution Vulnerabilities
<b>Summary</b>
TWiki is prone to multiple cross-site scripting (XSS) and command execution vulnerabilities.

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<p style="text-align: right;">... continued from previous page ...</p> <p><b>Quality of Detection (QoD):</b> 80%</p> <p><b>Vulnerability Detection Result</b>          Installed version: 01.Feb.2003          Fixed version: 4.2.4</p> <p><b>Impact</b>          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.</p> <p><b>Solution:</b>  <b>Solution type:</b> VendorFix          Update to version 4.2.4 or later.</p> <p><b>Affected Software/OS</b>          TWiki versions prior to 4.2.4.</p> <p><b>Vulnerability Insight</b>          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.</p> <p><b>Vulnerability Detection Method</b>          Details: TWiki &lt; 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</p> <p><b>References</b>          cve: CVE-2008-5304          cve: CVE-2008-5305          url: <a href="http://twiki.org/cgi-bin/view/Codev.SecurityAlert-CVE-2008-5304">http://twiki.org/cgi-bin/view/Codev.SecurityAlert-CVE-2008-5304</a>          url: <a href="http://www.securityfocus.com/bid/32668">http://www.securityfocus.com/bid/32668</a>          url: <a href="http://www.securityfocus.com/bid/32669">http://www.securityfocus.com/bid/32669</a>          url: <a href="http://twiki.org/cgi-bin/view/Codev/SecurityAlert-CVE-2008-5305">http://twiki.org/cgi-bin/view/Codev/SecurityAlert-CVE-2008-5305</a></p>
High (CVSS: 9.8) NVT: PHP < 5.3.13, 5.4.x < 5.4.3 Multiple Vulnerabilities - Active Check
<p><b>Summary</b>          PHP is prone to multiple vulnerabilities.</p>
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<b>Quality of Detection (QoD): 95%</b>	
<b>Vulnerability Detection Result</b>	
<p>By doing the following HTTP POST request:</p> <pre>"HTTP POST" body : &lt;?php phpinfo();?&gt; URL           : http://192.168.159.131/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%3                 ↪D%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%2                 ↪E%72%65%64%69%72%65%63%74%5F%73%74%61%74%75%73%5F%65%6E%76%3D%30+%2D%6E</pre> <p>it was possible to execute the "&lt;?php phpinfo();?&gt;" command.</p> <p>Result:</p> <pre>&lt;title&gt;phpinfo()&lt;/title&gt;&lt;meta name="ROBOTS" content="NOINDEX, NOFOLLOW, NOARCHIV ↪E" /&gt;&lt;/head&gt; &lt;tr&gt;&lt;td class="e"&gt;Configuration File (php.ini) Path &lt;/td&gt;&lt;td class="v"&gt;/etc/ph ↪p5/cgi &lt;/td&gt;&lt;/tr&gt; &lt;h2&gt;PHP Core&lt;/h2&gt; &lt;h2&gt;PHP Variables&lt;/h2&gt;</pre>	
<b>Impact</b>	
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.	
<b>Solution:</b>	
<b>Solution type:</b> VendorFix PHP: Update to version 5.3.13, 5.4.3 or later - Other products / applications: Please contact the vendor for a solution	
<b>Affected Software/OS</b>	
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.	
<b>Vulnerability Insight</b>	
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: <a href="http://example.com/index.php?-s">http://example.com/index.php?-s</a>	
<b>Vulnerability Detection Method</b>	
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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%20-%20cgi-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%20/53388>  
url: <https://web.archive.org/web/20120709064615/http://www.h-online.com/open/news/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  
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

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dfn-cert: DFN-CERT-2012-0878	
<p>High (CVSS: 7.5)</p> <p>NVT: EasyPHP Webserver &lt;= 12.1 Multiple Vulnerabilities - Active Check</p>	
<p><b>Summary</b></p> <p>EasyPHP Webserver is prone to multiple vulnerabilities.</p>	
<p><b>Quality of Detection (QoD):</b> 99%</p>	
<p><b>Vulnerability Detection Result</b></p> <p>Vulnerable URL: <a href="http://192.168.159.131/phpinfo.php">http://192.168.159.131/phpinfo.php</a></p> <p>Concluded from:</p> <pre>&lt;title&gt;phpinfo()&lt;/title&gt;&lt;meta name="ROBOTS" content="NOINDEX, NOFOLLOW, NOARCHIV ↪E" /&gt;&lt;/head&gt; &lt;tr&gt;&lt;td class="e"&gt;Configuration File (php.ini) Path &lt;/td&gt;&lt;td class="v"&gt;/etc/ph ↪p5/cgi &lt;/td&gt;&lt;/tr&gt; &lt;h2&gt;PHP Core&lt;/h2&gt; &lt;h2&gt;PHP Variables&lt;/h2&gt;</pre>	
<p><b>Impact</b></p> <p>Successful exploitation will allow attackers to gain administrative access, disclose the information, inject PHP code/shell and execute a remote PHP Code.</p>	
<p><b>Solution:</b></p> <p><b>Solution type:</b> WillNotFix</p> <p>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.</p>	
<p><b>Affected Software/OS</b></p> <p>EasyPHP version 12.1 and prior.</p>	
<p><b>Vulnerability Insight</b></p> <p>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.</p>	
<p><b>Vulnerability Detection Method</b></p> <p>Sends a crafted HTTP GET request and checks the response.</p> <p>Note: It is currently expected that a result of this VT is reported if the system is generally exposing a <code>phpinfo()</code> 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.</p>	
<p>... continues on next page ...</p>	

<p>... continued from previous page ...</p> <p>Details: EasyPHP Webserver &lt;= 12.1 Multiple Vulnerabilities - Active Check  OID:1.3.6.1.4.1.25623.1.0.803189  Version used: 2025-11-11T05:40:18Z</p> <p><b>References</b>  url: <a href="https://cxsecurity.com/issue/WLB-2013040069">https://cxsecurity.com/issue/WLB-2013040069</a></p>
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<p>High (CVSS: 7.5)</p> <p>NVT: Test HTTP dangerous methods</p>
<p><b>Summary</b>  Misconfigured web servers allows remote clients to perform dangerous HTTP methods such as PUT and DELETE.</p>
<p><b>Quality of Detection (QoD):</b> 99%</p>
<p><b>Vulnerability Detection Result</b>  We could upload the following files via the PUT method at this web server:  <a href="http://192.168.159.131/dav/puttest1327086468.html">http://192.168.159.131/dav/puttest1327086468.html</a>  We could delete the following files via the DELETE method at this web server:  <a href="http://192.168.159.131/dav/puttest1327086468.html">http://192.168.159.131/dav/puttest1327086468.html</a></p>
<p><b>Impact</b>  <ul style="list-style-type: none"> <li>- Enabled PUT method: This might allow an attacker to upload and run arbitrary code on this web server.</li> <li>- Enabled DELETE method: This might allow an attacker to delete additional files on this web server.</li> </ul> </p>
<p><b>Solution:</b>  <b>Solution type:</b> Mitigation  Use access restrictions to these dangerous HTTP methods or disable them completely.</p>
<p><b>Affected Software/OS</b>  Web servers with enabled PUT and/or DELETE methods.</p>
<p><b>Vulnerability Detection Method</b>  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  OID:1.3.6.1.4.1.25623.1.0.10498  Version used: 2023-08-01T13:29:10Z</p>
<p><b>References</b>  url: <a href="http://www.securityfocus.com/bid/12141">http://www.securityfocus.com/bid/12141</a></p>

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owasp:	OWASP-CM-001

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### 2.1.10 High 1524/tcp

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

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### 2.1.11 High 8009/tcp

High (CVSS: 9.8)
NVT: Apache Tomcat AJP RCE Vulnerability (Ghostcat) - Active Check
<b>Summary</b>
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```
font-weight: normal;
font-style: italic;
background: #D2A41C;
text-align: left;
}
td {
color: #000000;
font-family: Arial, Helvetica, sans-serif;
}

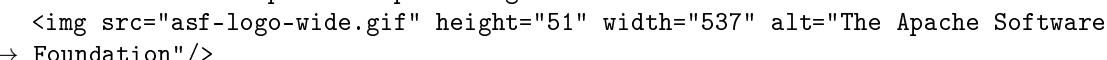
td.menu {
background: #FFDC75;
}
.center {
text-align: center;
}
.code {
color: #000000;
font-family: "Courier New", Courier, monospace;
font-size: 110%;
margin-left: 2.5em;
}

#banner {
margin-bottom: 12px;
}
p#congrats {
margin-top: 0;
font-weight: bold;
text-align: center;
}
p#footer {
text-align: right;
font-size: 80%;
}
/*]]> */
</style>
</head>
<body>
<!-- Header --&gt;
&lt;table id="banner" width="100%"&gt;
&lt;tr&gt;
&lt;td align="left" style="width:130px"&gt;
&lt;a href="http://tomcat.apache.org/"&gt;

</a>
</td>
<td>
... continues on next page ...

```

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```
</td>
<td align="left" valign="top"><b>Apache Tomcat/5.5</b></td>
<td align="right">
<a href="http://www.apache.org/">

</a>
</td>
</tr>
</table>
<table>
<tr>
<!-- Table of Contents -->
<td valign="top">
<table width="100%" border="1" cellspacing="0" cellpadding="3">
<tr>
<th>Administration</th>
</tr>
<tr>
<td class="menu">
<a href="manager/status">Status</a><br/>
<a href="admin">Tomcat Administration</a><br/>
<a href="manager/html">Tomcat Manager</a><br/>
 &nbsp;
</td>
</tr>
</table>
<br />
<table width="100%" border="1" cellspacing="0" cellpadding="3">
<tr>
<th>Documentation</th>
</tr>
<tr>
<td class="menu">
<a href="RELEASE-NOTES.txt">Release Notes</a><br/>
<a href="tomcat-docs/changelog.html">Change Log</a><br/>
<br/>
<a href="tomcat-docs">Tomcat Documentation</a><br/>
 &nbsp;
&nbsp;
</td>
</tr>
</table>

<br/>
<table width="100%" border="1" cellspacing="0" cellpadding="3">
<tr>
```

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```

<th>Tomcat Online</th>
</tr>
<tr>
    <td class="menu">
        <a href="http://tomcat.apache.org/">Home Page</a><br/>
        <a href="http://tomcat.apache.org/faq/">FAQ</a><br/>
        <a href="http://tomcat.apache.org/bugreport.html">Bug D
        ↳atabase</a><br/>
        <a href="http://issues.apache.org/bugzilla/buglist.cgi?bug_s
        ↳tatus=UNCONFIRMED&amp;bug_status=NEW&amp;bug_status=ASSIGNED&amp;bug_status=RE
        ↳OPENED&amp;bug_status=RESOLVED&amp;resolution=LATER&amp;resolution=REMIND&amp;
        ↳resolution=---&amp;bugidtype=include&amp;product=Tomcat+5&amp;cmdtype=doit&amp
        ↳;order=Importance">Open Bugs</a><br/>
        <a href="http://mail-archives.apache.org/mod_mbox/tomcat-use
        ↳rs/">Users Mailing List</a><br/>
        <a href="http://mail-archives.apache.org/mod_mbox/tomcat-dev
        ↳/">Developers Mailing List</a><br/>
        <a href="irc://irc.freenode.net/#tomcat">IRC</a><br/>
        &nbsp;
    </td>
</tr>
</table>

<br/>
<table width="100%" border="1" cellspacing="0" cellpadding="3">
    <tr>
        <th>Examples</th>
    </tr>
    <tr>
        <td class="menu">
            <a href="jsp-examples/">JSP Examples</a><br/>
            <a href="servlets-examples/">Servlet Examples</a><br/>
            <a href="webdav/">WebDAV capabilities</a><br/>
        &nbsp;
        </td>
    </tr>
</table>

<br/>
<table width="100%" border="1" cellspacing="0" cellpadding="3">
    <tr>
        <th>Miscellaneous</th>
    </tr>
    <tr>
        <td class="menu">
            <a href="http://java.sun.com/products/jsp">Sun's Java&n
            ↳bsp;Server Pages Site</a><br/>
        ... continues on next page ...
    </td>

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<pre> &lt;a href="http://java.sun.com/products/servlet"&gt;Sun'snbsp;Se →rvletnbsp;Site&lt;/a&gt;&lt;br/&gt;     &amp;nbsp;         &lt;/td&gt;     &lt;/tr&gt; &lt;/table&gt; &lt;/td&gt; &lt;td style="width:20px"&gt;&amp;nbsp;&lt;/td&gt;  &lt;!-- Body --&gt; &lt;td align="left" valign="top"&gt;     &lt;p id="congrats"&gt;If you're seeing this page via a web browser, it mean →s you've setup Tomcat successfully. Congratulations!&lt;/p&gt;      &lt;p&gt;As you may have guessed by now, this is the default Tomcat home pag →e. It can be found on the local filesystem at:&lt;/p&gt;     &lt;p class="code"&gt;\$CATALINA_HOME/webapps/ROOT/index.jsp&lt;/p&gt;      &lt;p&gt;where "\$CATALINA_HOME" is the root of the Tomcat installation direc →tory. If you're seeing this page, and you don't think you should be, then eith →er you're either a user who has arrived at new installation of Tomcat, or you' →re an administrator who hasn't got his/her setup quite right. Providing the la →tter is the case, please refer to the &lt;a href="tomcat-docs"&gt;Tomcat Documentati →on&lt;/a&gt; for more detailed setup and administration information than is found in → the INSTALL file.&lt;/p&gt;     &lt;p&gt;&lt;b&gt;NOTE:&lt;/b&gt; This page is precompiled. If you change it, this pag →e will not change since         it was compiled into a servlet at build time.         (See &lt;tt&gt;\$CATALINA_HOME/webapps/ROOT/WEB-INF/web.xml&lt;/tt&gt; as t →o how it was mapped.)     &lt;/p&gt;     &lt;p&gt;&lt;b&gt;NOTE:&lt;/b&gt; For security reasons, using the administration webapp         is restricted to users with role "admin". The manager webapp         is restricted to users with role "manager".&lt;/b&gt;         Users are defined in &lt;code&gt;\$CATALINA_HOME/conf/tomcat-users.xml&lt;/cod →e&gt;.&lt;/p&gt;     &lt;p&gt;Included with this release are a host of sample Servlets and JSPs → (with associated source code), extensive documentation (including the Servlet → 2.4 and JSP 2.0 API JavaDoc), and an introductory guide to developing web app →lications.&lt;/p&gt;     &lt;p&gt;Tomcat mailing lists are available at the Tomcat project web site →:&lt;/p&gt;     &lt;ul&gt;         &lt;li&gt;&lt;b&gt;&lt;a href="mailto:users@tomcat.apache.org"&gt;users@tomc </pre>	
<b>Solution:</b> <b>Solution type:</b> VendorFix ... continues on next page ...	

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<ul style="list-style-type: none"> <li>- Update Apache Tomcat to version 7.0.100, 8.5.51, 9.0.31 or later</li> <li>- For other products using Tomcat please contact the vendor for more information on fixed versions</li> </ul>
<p><b>Affected Software/OS</b>  Apache Tomcat versions prior 7.0.100, 8.5.51 or 9.0.31 when the AJP connector is enabled.  Other products like JBoss or Wildfly which are using Tomcat might be affected as well.</p>
<p><b>Vulnerability Insight</b>  Apache Tomcat server has a file containing vulnerability, which can be used by an attacker to read or include any files in all webapp directories on Tomcat, such as webapp configuration files or source code.</p>
<p><b>Vulnerability Detection Method</b>  Sends a crafted AJP request and checks the response.  Details: Apache Tomcat AJP RCE Vulnerability (Ghostcat) - Active Check  OID:1.3.6.1.4.1.25623.1.0.143545  Version used: 2025-07-11T05:42:17Z</p>
<p><b>References</b></p> <p>cve: CVE-2020-1938  url: <a href="https://lists.apache.org/thread/bnys51vg1875dsslkkx2vmwxv833135x">https://lists.apache.org/thread/bnys51vg1875dsslkkx2vmwxv833135x</a>  url: <a href="https://tomcat.apache.org/security-9.html#Fixed_in_Apache_Tomcat_9.0.31">https://tomcat.apache.org/security-9.html#Fixed_in_Apache_Tomcat_9.0.31</a>  url: <a href="https://tomcat.apache.org/security-8.html#Fixed_in_Apache_Tomcat_8.5.51">https://tomcat.apache.org/security-8.html#Fixed_in_Apache_Tomcat_8.5.51</a>  url: <a href="https://tomcat.apache.org/security-7.html#Fixed_in_Apache_Tomcat_7.0.100">https://tomcat.apache.org/security-7.html#Fixed_in_Apache_Tomcat_7.0.100</a>  url: <a href="https://web.archive.org/web/20250114042903/https://www.chaitin.cn/en/ghostcat-at">https://web.archive.org/web/20250114042903/https://www.chaitin.cn/en/ghostcat-at</a>  url: <a href="https://www.cnvd.org.cn/flaw/show/CNVD-2020-10487">https://www.cnvd.org.cn/flaw/show/CNVD-2020-10487</a>  url: <a href="https://github.com/YDHCUI/CNVD-2020-10487-Tomcat-Ajp-lfi">https://github.com/YDHCUI/CNVD-2020-10487-Tomcat-Ajp-lfi</a>  url: <a href="https://securityboulevard.com/2020/02/patch-your-tomcat-and-jboss-instances-to-protect-from-ghostcat-vulnerability-cve-2020-1938-and/">https://securityboulevard.com/2020/02/patch-your-tomcat-and-jboss-instances-to-protect-from-ghostcat-vulnerability-cve-2020-1938-and/</a>  url: <a href="https://www.cisa.gov/known-exploited-vulnerabilities-catalog">https://www.cisa.gov/known-exploited-vulnerabilities-catalog</a>  cisa: Known Exploited Vulnerability (KEV) catalog  cert-bund: WID-SEC-2023-2480  cert-bund: CB-K20/0711  cert-bund: CB-K20/0705  cert-bund: CB-K20/0693  cert-bund: CB-K20/0555  cert-bund: CB-K20/0543  cert-bund: CB-K20/0154  dfn-cert: DFN-CERT-2021-1736  dfn-cert: DFN-CERT-2020-1508  dfn-cert: DFN-CERT-2020-1413  dfn-cert: DFN-CERT-2020-1276  dfn-cert: DFN-CERT-2020-1134  dfn-cert: DFN-CERT-2020-0850</p>
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dfn-cert: DFN-CERT-2020-0835  
dfn-cert: DFN-CERT-2020-0821  
dfn-cert: DFN-CERT-2020-0569  
dfn-cert: DFN-CERT-2020-0557  
dfn-cert: DFN-CERT-2020-0501  
dfn-cert: DFN-CERT-2020-0381

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### 2.1.12 High 5432/tcp

High (CVSS: 9.0)
NVT: PostgreSQL Default Credentials (PostgreSQL Protocol)
<b>Product detection result</b> cpe:/a:postgresql:postgresql:8.3.1 Detected by PostgreSQL Detection Consolidation (OID: 1.3.6.1.4.1.25623.1.0.12802 ←5)
<b>Summary</b> It was possible to login into the remote PostgreSQL as user postgres using weak credentials.
<b>Quality of Detection (QoD):</b> 99%
<b>Vulnerability Detection Result</b> It was possible to login as user postgres with password "postgres".
<b>Solution:</b> <b>Solution type:</b> Mitigation Change the password as soon as possible.
<b>Vulnerability Detection Method</b> Details: PostgreSQL Default Credentials (PostgreSQL Protocol) OID:1.3.6.1.4.1.25623.1.0.103552 Version used: 2024-07-19T15:39:06Z
<b>Product Detection Result</b> Product: cpe:/a:postgresql:postgresql:8.3.1 Method: PostgreSQL Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.128025)

High (CVSS: 7.4) NVT: SSL/TLS: OpenSSL CCS Man in the Middle Security Bypass Vulnerability
<b>Summary</b> OpenSSL is prone to a security bypass vulnerability.
<b>Quality of Detection (QoD):</b> 70%
<b>Vulnerability Detection Result</b> Vulnerability was detected according to the Vulnerability Detection Method.
<b>Impact</b> 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.
<b>Solution:</b> <b>Solution type:</b> VendorFix Updates are available. Please see the references for more information.
<b>Affected Software/OS</b> OpenSSL before 0.9.8za, 1.0.0 before 1.0.0m and 1.0.1 before 1.0.1h.
<b>Vulnerability Insight</b> 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.
<b>Vulnerability Detection Method</b> 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 Version used: 2025-01-17T15:39:18Z
<b>References</b> cve: CVE-2014-0224 url: <a href="https://www.openssl.org/news/secadv/20140605.txt">https://www.openssl.org/news/secadv/20140605.txt</a> url: <a href="http://www.securityfocus.com/bid/67899">http://www.securityfocus.com/bid/67899</a> 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 ... continues on next page ...

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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
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

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### 2.1.13 High 5900/tcp

High (CVSS: 9.0)
NVT: VNC Brute Force Login
<b>Summary</b> Try to log in with given passwords via VNC protocol.
<b>Quality of Detection (QoD):</b> 95%
<b>Vulnerability Detection Result</b> It was possible to connect to the VNC server with the password: password
<b>Solution:</b> <b>Solution type:</b> Mitigation Change the password to something hard to guess or enable password protection at all.
<b>Vulnerability Insight</b> 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. 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. Note as well that passwords can be max. 8 characters long.
<b>Vulnerability Detection Method</b> Details: VNC Brute Force Login OID:1.3.6.1.4.1.25623.1.0.106056 Version used: 2021-07-23T07:56:26Z

[ [return to 192.168.159.131](#) ]

### 2.1.14 High 6200/tcp

High (CVSS: 9.8)
NVT: vsftpd Compromised Source Packages Backdoor Vulnerability
<b>Summary</b> vsftpd is prone to a backdoor vulnerability.
<b>Quality of Detection (QoD):</b> 99%
<b>Vulnerability Detection Result</b> Vulnerability was detected according to the Vulnerability Detection Method.
... continues on next page ...

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<b>Impact</b> Attackers can exploit this issue to execute arbitrary commands in the context of the application. Successful attacks will compromise the affected application.
<b>Solution:</b> <b>Solution type:</b> VendorFix The repaired package can be downloaded from the referenced vendor homepage. Please validate the package with its signature.
<b>Affected Software/OS</b> The vsftpd 2.3.4 source package downloaded between 20110630 and 20110703 is affected.
<b>Vulnerability Insight</b> The tainted source package contains a backdoor which opens a shell on port 6200/tcp.
<b>Vulnerability Detection Method</b> 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
<b>References</b> cve: CVE-2011-2523 url: <a href="https://scarybeastsecurity.blogspot.com/2011/07/alert-vsftpd-download-backdoor.html">https://scarybeastsecurity.blogspot.com/2011/07/alert-vsftpd-download-backdoor.html</a> url: <a href="https://web.archive.org/web/20210127090551/https://www.securityfocus.com/bid/48539/">https://web.archive.org/web/20210127090551/https://www.securityfocus.com/bid/48539/</a> url: <a href="https://security.appspot.com/vsftpd.html">https://security.appspot.com/vsftpd.html</a>

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### 2.1.15 Medium 22/tcp

Medium (CVSS: 5.3)
NVT: Weak Key Exchange (KEX) Algorithm(s) Supported (SSH)
<b>Product detection result</b> cpe:/a:ietf:secure_shell_protocol Detected by SSH Protocol Algorithms Supported (OID: 1.3.6.1.4.1.25623.1.0.105565 →)
<b>Summary</b> ... continues on next page ...

<p>... continued from previous page ...</p> <p>The remote SSH server is configured to allow / support weak key exchange (KEX) algorithm(s).</p> <p><b>Quality of Detection (QoD):</b> 80%</p> <p><b>Vulnerability Detection Result</b></p> <p>The remote SSH server supports the following weak KEX algorithm(s):</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">KEX algorithm</th><th style="text-align: left;">Reason</th></tr> </thead> <tbody> <tr> <td>diffie-hellman-group-exchange-sha1</td><td>Using SHA-1</td></tr> <tr> <td>diffie-hellman-group1-sha1</td><td>Using Oakley Group 2 (a 1024-bit MODP group →) and SHA-1</td></tr> </tbody> </table> <p><b>Impact</b></p> <p>An attacker can quickly break individual connections.</p> <p><b>Solution:</b></p> <p><b>Solution type:</b> Mitigation</p> <p>Disable the reported weak KEX algorithm(s)</p> <ul style="list-style-type: none"> <li>- 1024-bit MODP group / prime KEX algorithms:</li> </ul> <p>Alternatively use elliptic-curve Diffie-Hellmann in general, e.g. Curve 25519.</p> <p><b>Vulnerability Insight</b></p> <ul style="list-style-type: none"> <li>- 1024-bit MODP group / prime KEX algorithms:</li> </ul> <p>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.</p> <p><b>Vulnerability Detection Method</b></p> <p>Checks the supported KEX algorithms of the remote SSH server.</p> <p>Currently weak KEX algorithms are defined as the following:</p> <ul style="list-style-type: none"> <li>- non-elliptic-curve Diffie-Hellmann (DH) KEX algorithms with 1024-bit MODP group / prime</li> <li>- ephemeral key exchange groups uses SHA-1</li> <li>- using RSA 1024-bit modulus key</li> </ul> <p>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</p> <p><b>Product Detection Result</b></p> <p>Product: cpe:/a:ietf:secure_shell_protocol</p> <p>Method: SSH Protocol Algorithms Supported OID: 1.3.6.1.4.1.25623.1.0.105565)</p>	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
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					
<p>... continues on next page ...</p>						

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### References

[url: https://weakdh.org/sysadmin.html](https://weakdh.org/sysadmin.html)  
[url: https://www.rfc-editor.org/rfc/rfc9142](https://www.rfc-editor.org/rfc/rfc9142)  
[url: https://www.rfc-editor.org/rfc/rfc9142#name-summary-guidance-for-implem](https://www.rfc-editor.org/rfc/rfc9142#name-summary-guidance-for-implem)  
[url: https://www.rfc-editor.org/rfc/rfc6194](https://www.rfc-editor.org/rfc/rfc6194)  
[url: https://www.rfc-editor.org/rfc/rfc4253#section-6.5](https://www.rfc-editor.org/rfc/rfc4253#section-6.5)

Medium (CVSS: 5.3)

NVT: Weak Host Key Algorithm(s) (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 host key algorithm(s).

### Quality of Detection (QoD): 80%

### Vulnerability Detection Result

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

host key algorithm | Description

↔-----

ssh-dss	Digital Signature Algorithm (DSA) / Digital Signature Standard (DSS)
---------	--

### Solution:

**Solution type:** Mitigation

Disable the reported weak host key algorithm(s).

### Vulnerability Detection Method

Checks the supported host key algorithms of the remote SSH server.

Currently weak host key algorithms are defined as the following:

- ssh-dss: Digital Signature Algorithm (DSA) / Digital Signature Standard (DSS)

Details: Weak Host Key Algorithm(s) (SSH)

OID:1.3.6.1.4.1.25623.1.0.117687

Version used: 2024-06-14T05:05:48Z

### Product Detection Result

Product: cpe:/a:ietf:secure\_shell\_protocol

Method: SSH Protocol Algorithms Supported

... continues on next page ...

OID: 1.3.6.1.4.1.25623.1.0.105565)	... continued from previous page ...
<b>References</b> url: <a href="https://www.rfc-editor.org/rfc/rfc8332">https://www.rfc-editor.org/rfc/rfc8332</a> url: <a href="https://www.rfc-editor.org/rfc/rfc8709">https://www.rfc-editor.org/rfc/rfc8709</a> url: <a href="https://www.rfc-editor.org/rfc/rfc4253#section-6.6">https://www.rfc-editor.org/rfc/rfc4253#section-6.6</a>	

Medium (CVSS: 4.3)  NVT: Weak Encryption Algorithm(s) Supported (SSH)
<b>Product detection result</b> cpe:/a:ietf:secure_shell_protocol Detected by SSH Protocol Algorithms Supported (OID: 1.3.6.1.4.1.25623.1.0.105565 ↔)
<b>Summary</b> The remote SSH server is configured to allow / support weak encryption algorithm(s).
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> The remote SSH server supports the following weak client-to-server encryption algorithms: 3des-cbc aes128-cbc aes192-cbc aes256-cbc arcfour arcfour128 arcfour256 blowfish-cbc cast128-cbc rijndael-cbc@lysator.liu.se The remote SSH server supports the following weak server-to-client encryption algorithms: 3des-cbc aes128-cbc aes192-cbc aes256-cbc arcfour arcfour128 arcfour256 blowfish-cbc
... continues on next page ...

	... continued from previous page ...
cast128-cbc rijndael-cbc@lysator.liu.se	
<b>Solution:</b> <b>Solution type:</b> Mitigation Disable the reported weak encryption algorithm(s).	
<b>Vulnerability Insight</b> <ul style="list-style-type: none"><li>- 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.</li><li>- 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.</li><li>- A vulnerability exists in SSH messages that employ CBC mode that may allow an attacker to recover plaintext from a block of ciphertext.</li></ul>	
<b>Vulnerability Detection Method</b> Checks the supported encryption algorithms (client-to-server and server-to-client) of the remote SSH server. Currently weak encryption algorithms are defined as the following: <ul style="list-style-type: none"><li>- Arcfour (RC4) cipher based algorithms</li><li>- 'none' algorithm</li><li>- CBC mode cipher based algorithms</li></ul> Details: Weak Encryption Algorithm(s) Supported (SSH) OID:1.3.6.1.4.1.25623.1.0.105611 Version used: 2024-06-14T05:05:48Z	
<b>Product Detection Result</b> Product: cpe:/a:ietf:secure_shell_protocol Method: SSH Protocol Algorithms Supported OID: 1.3.6.1.4.1.25623.1.0.105565)	
<b>References</b> url: <a href="https://www.rfc-editor.org/rfc/rfc8758">https://www.rfc-editor.org/rfc/rfc8758</a> url: <a href="https://www.kb.cert.org/vuls/id/958563">https://www.kb.cert.org/vuls/id/958563</a> url: <a href="https://www.rfc-editor.org/rfc/rfc4253#section-6.3">https://www.rfc-editor.org/rfc/rfc4253#section-6.3</a>	

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### 2.1.16 Medium 2121/tcp

Medium (CVSS: 4.8) NVT: FTP Unencrypted Cleartext Login
<b>Summary</b> The remote host is running a FTP service that allows cleartext logins over unencrypted connections.
<b>Quality of Detection (QoD):</b> 70%
<b>Vulnerability Detection Result</b> 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
<b>Impact</b> An attacker can uncover login names and passwords by sniffing traffic to the FTP service.
<b>Solution:</b> <b>Solution type:</b> Mitigation Enable FTPS or enforce the connection via the 'AUTH TLS' command. Please see the manual of the FTP service for more information.
<b>Vulnerability Detection Method</b> 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: <b>FTP Unencrypted Cleartext Login</b> 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 25/tcp

Medium (CVSS: 6.8) NVT: Multiple Vendors STARTTLS Implementation Plaintext Arbitrary Command Injection Vulnerability
<b>Summary</b> Multiple vendors' implementations of 'STARTTLS' are prone to a vulnerability that lets attackers inject arbitrary commands.
... continues on next page ...

<p>... continued from previous page ...</p>
<b>Quality of Detection (QoD):</b> 99%
<b>Vulnerability Detection Result</b> Vulnerability was detected according to the Vulnerability Detection Method.
<b>Impact</b> An attacker can exploit this issue to execute arbitrary commands in the context of the user running the application. Successful exploits can allow attackers to obtain email usernames and passwords.
<b>Solution:</b> <b>Solution type:</b> VendorFix Updates are available. Please see the references for more information.
<b>Affected Software/OS</b> The following vendors are known to be affected: Ipswitch Kerio Postfix Qmail-TLS Oracle SCO Group spamdyke ISC
<b>Vulnerability Detection Method</b> Send a special crafted 'STARTTLS' request and check the response. Details: Multiple Vendors STARTTLS Implementation Plaintext Arbitrary Command Injection . ↪.. OID:1.3.6.1.4.1.25623.1.0.103935 Version used: 2023-10-31T05:06:37Z
<b>References</b> cve: CVE-2011-0411 cve: CVE-2011-1430 cve: CVE-2011-1431 cve: CVE-2011-1432 cve: CVE-2011-1506 cve: CVE-2011-1575 cve: CVE-2011-1926 cve: CVE-2011-2165 url: <a href="http://www.securityfocus.com/bid/46767">http://www.securityfocus.com/bid/46767</a> url: <a href="http://kolab.org/pipermail/kolab-announce/2011/000101.html">http://kolab.org/pipermail/kolab-announce/2011/000101.html</a> url: <a href="http://bugzilla.cyrusimap.org/show_bug.cgi?id=3424">http://bugzilla.cyrusimap.org/show_bug.cgi?id=3424</a> url: <a href="http://cyrusimap.org/mediawiki/index.php/Bugs_Resolved_in_2.4.7">http://cyrusimap.org/mediawiki/index.php/Bugs_Resolved_in_2.4.7</a>
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url: http://www.kb.cert.org/vuls/id/MAPG-8D9M4P
url: http://files.kolab.org/server/release/kolab-server-2.3.2/sources/release-no
→tes.txt
url: http://www.postfix.org/CVE-2011-0411.html
url: http://www.pureftpd.org/project/pure-ftpd/news
url: http://www.watchguard.com/support/release-notes/xcs/9/en-US/EN_ReleaseNotes
→_XCS_9_1_1/EN_ReleaseNotes_WG_XCS_9_1_TLS_Hotfix.pdf
url: http://www.spamdyke.org/documentation/Changelog.txt
url: http://datatracker.ietf.org/doc/draft-josefsson-kerberos5-starttls/?include
→_text=1
url: http://www.securityfocus.com/archive/1/516901
url: http://support.avaya.com/css/P8/documents/100134676
url: http://support.avaya.com/css/P8/documents/100141041
url: http://www.oracle.com/technetwork/topics/security/cpuapr2011-301950.html
url: http://inoa.net/qmail-tls/vu555316.patch
url: http://www.kb.cert.org/vuls/id/555316
cert-bund: CB-K15/1514
dfn-cert: DFN-CERT-2011-0917
dfn-cert: DFN-CERT-2011-0912
dfn-cert: DFN-CERT-2011-0897
dfn-cert: DFN-CERT-2011-0844
dfn-cert: DFN-CERT-2011-0818
dfn-cert: DFN-CERT-2011-0808
dfn-cert: DFN-CERT-2011-0771
dfn-cert: DFN-CERT-2011-0741
dfn-cert: DFN-CERT-2011-0712
dfn-cert: DFN-CERT-2011-0673
dfn-cert: DFN-CERT-2011-0597
dfn-cert: DFN-CERT-2011-0596
dfn-cert: DFN-CERT-2011-0519
dfn-cert: DFN-CERT-2011-0516
dfn-cert: DFN-CERT-2011-0483
dfn-cert: DFN-CERT-2011-0434
dfn-cert: DFN-CERT-2011-0393
dfn-cert: DFN-CERT-2011-0381
```

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

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<p>... continued from previous page ...</p> <p>It was possible to detect the usage of the deprecated SSLv2 and/or SSLv3 protocol on this system.</p> <p><b>Quality of Detection (QoD):</b> 98%</p> <p><b>Vulnerability Detection Result</b> 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.</p> <p><b>Impact</b> 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.</p> <p><b>Solution:</b> <b>Solution type:</b> 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.</p> <p><b>Affected Software/OS</b> All services providing an encrypted communication using the SSLv2 and/or SSLv3 protocols.</p> <p><b>Vulnerability Insight</b> 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)</p> <p><b>Vulnerability Detection Method</b> 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</p> <p><b>Product Detection Result</b> 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)</p> <p><b>References</b> cve: CVE-2016-0800</p>
... continues on next page ...

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cve: CVE-2014-3566  
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](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/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html>  
url: [https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard\\_BSI\\_TLS\\_Version\\_2\\_4.html](https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_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  
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

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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
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

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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
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Medium (CVSS: 5.3)
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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.
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#### **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 →ompliation of Otherwise Simple Affairs,O=OCUSA,L=Everywhere,ST=There is no su ... continues on next page ...
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<p style="text-align: right;">... continued from previous page ...</p> <p>↪ ch thing outside US,C=XX (Server certificate)</p> <p><b>Impact</b> Using certificates with weak RSA key size can lead to unauthorized exposure of sensitive information.</p> <p><b>Solution:</b> <b>Solution type:</b> Mitigation Replace the certificate with a stronger key and reissue the certificates it signed.</p> <p><b>Vulnerability Insight</b> SSL/TLS certificates using RSA keys with less than 2048 bits are considered unsafe.</p> <p><b>Vulnerability Detection Method</b> Checks the RSA keys size of the server certificate and all certificates in chain for a size &lt; 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</p> <p><b>References</b> url: <a href="https://www.cabforum.org/wp-content/uploads/Baseline_Requirements_V1.pdf">https://www.cabforum.org/wp-content/uploads/Baseline_Requirements_V1.pdf</a></p>
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<p>Medium (CVSS: 5.0)</p> <p>NVT: SSL/TLS: Renegotiation DoS Vulnerability (CVE-2011-1473, CVE-2011-5094)</p>
<p><b>Summary</b> The remote SSL/TLS service is prone to a denial of service (DoS) vulnerability.</p>
<p><b>Quality of Detection (QoD):</b> 70%</p>
<p><b>Vulnerability Detection Result</b> 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</p> <hr/> <p>↪----- TLSv1.0   10</p>
<p><b>Impact</b> The flaw might make it easier for remote attackers to cause a DoS (CPU consumption) by performing many renegotiations within a single connection.</p>
<p>... continues on next page ...</p>

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<b>Solution:</b>	
<b>Solution type:</b> 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.
<b>Affected Software/OS</b>	Every SSL/TLS service which does not properly restrict client-initiated renegotiation.
<b>Vulnerability Insight</b>	<p>The flaw exists because the remote SSL/TLS service does not properly restrict client-initiated renegotiation within the SSL and TLS protocols.</p> <p>Note: The referenced CVEs are affecting OpenSSL and Mozilla Network Security Services (NSS) but both are in a DISPUTED state with the following rationale:</p> <ul style="list-style-type: none"> <li>&gt; 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.</li> </ul> <p>Both CVEs are still kept in this VT as a reference to the origin of this flaw.</p>
<b>Vulnerability Detection Method</b>	<p>Checks if the remote service allows to re-do the same SSL/TLS handshake (Renegotiation) over an existing / already established SSL/TLS connection.</p> <p>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</p>
<b>References</b>	<p>cve: CVE-2011-1473  cve: CVE-2011-5094  url: <a href="https://web.archive.org/web/20211201133213/https://orchilles.com/ssl-renegotiation-dos/">https://web.archive.org/web/20211201133213/https://orchilles.com/ssl-renegotiation-dos/</a>  url: <a href="https://mailarchive.ietf.org/arch/msg/tls/wdg46VE_jkYBbgJ5yE4P9nQ-8IU/">https://mailarchive.ietf.org/arch/msg/tls/wdg46VE_jkYBbgJ5yE4P9nQ-8IU/</a>  url: <a href="https://vincent.bernat.ch/en/blog/2011-ssl-dos-mitigation">https://vincent.bernat.ch/en/blog/2011-ssl-dos-mitigation</a>  url: <a href="https://www.openwall.com/lists/oss-security/2011/07/08/2">https://www.openwall.com/lists/oss-security/2011/07/08/2</a>  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  dfn-cert: DFN-CERT-2017-1012  dfn-cert: DFN-CERT-2014-0809  dfn-cert: DFN-CERT-2013-1928  dfn-cert: DFN-CERT-2012-1112</p>

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

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Details: SSL/TLS: Certificate Expired OID:1.3.6.1.4.1.25623.1.0.103955 Version used: 2024-06-14T05:05:48Z
<b>Product Detection Result</b> 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: Check if Mailserver answer to VRFY and EXPN requests
<b>Summary</b> The Mailserver on this host answers to VRFY and/or EXPN requests.
<b>Quality of Detection (QoD):</b> 99%
<b>Vulnerability Detection Result</b> 'VRFY root' produces the following answer: 252 2.0.0 root
<b>Solution:</b> <b>Solution type:</b> 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.
<b>Vulnerability Insight</b> 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.
<b>Vulnerability Detection Method</b> 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
<b>References</b> url: <a href="http://cr.yp.to/smtp/vrfy.html">http://cr.yp.to/smtp/vrfy.html</a>

Medium (CVSS: 4.3) NVT: SSL/TLS: RSA Temporary Key Handling 'RSA_EXPORT' Downgrade Issue (FREAK)
<b>Product detection result</b> 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)
<b>Summary</b> This host is accepting 'RSA_EXPORT' cipher suites and is prone to a man-in-the-middle (MITM) vulnerability.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> '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
<b>Impact</b> 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.
<b>Solution:</b> <b>Solution type:</b> 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.
<b>Affected Software/OS</b> - 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.
<b>Vulnerability Insight</b> ... continues on next page ...

<p>... continued from previous page ...</p> <p>Flaw is due to improper handling RSA temporary keys in a non-export RSA key exchange cipher suite.</p> <p><b>Vulnerability Detection Method</b>      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</p> <p><b>Product Detection Result</b>      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)</p> <p><b>References</b></p> <p>cve: CVE-2015-0204      url: <a href="https://freakattack.com">https://freakattack.com</a>      url: <a href="https://openssl-library.org/news/secadv/20150108.txt">https://openssl-library.org/news/secadv/20150108.txt</a>      url: <a href="https://web.archive.org/web/20210122095002/http://www.securityfocus.com/bid/71936">https://web.archive.org/web/20210122095002/http://www.securityfocus.com/bid/71936</a>      url: <a href="https://www.secpod.com/blog/freak-attack">https://www.secpod.com/blog/freak-attack</a>      url: <a href="https://blog.cryptographyengineering.com/2015/03/03/attack-of-the-week-freak-or-factoring-nsa">https://blog.cryptographyengineering.com/2015/03/03/attack-of-the-week-freak-or-factoring-nsa</a>      url: <a href="https://ssl-config.mozilla.org">https://ssl-config.mozilla.org</a>      url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html">https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html</a>      url: <a href="https://www.bsi.bund.de/EN/Themen/Offentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html">https://www.bsi.bund.de/EN/Themen/Offentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html</a>      url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html</a>      url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html</a>      url: <a href="https://web.archive.org/web/20240113175943/https://www.bettercrypto.org">https://web.archive.org/web/20240113175943/https://www.bettercrypto.org</a>      url: <a href="https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014">https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014</a>      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</p>
<p>... continues on next page ...</p>

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```
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
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
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: 4.3)

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.

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<b>Impact</b>	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.
<b>Solution:</b> <b>Solution type:</b> 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.
<b>Affected Software/OS</b>	<ul style="list-style-type: none"> <li>- All services providing an encrypted communication using the TLSv1.0 and/or TLSv1.1 protocols</li> <li>- CVE-2023-41928: Kiloview P1 4G and P2 4G Video Encoder</li> <li>- CVE-2024-41270: Gorush v1.18.4</li> <li>- CVE-2025-3200: Multiple products from Wiesemann &amp; Theis</li> </ul>
<b>Vulnerability Insight</b>	The TLSv1.0 and TLSv1.1 protocols contain known cryptographic flaws like: <ul style="list-style-type: none"> <li>- CVE-2011-3389: Browser Exploit Against SSL/TLS (BEAST)</li> <li>- CVE-2015-0204: Factoring Attack on RSA-EXPORT Keys Padding Oracle On Downgraded Legacy Encryption (FREAK)</li> </ul>
<b>Vulnerability Detection Method</b>	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
<b>Product Detection Result</b>	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)
<b>References</b>	url: <a href="https://ssl-config.mozilla.org">https://ssl-config.mozilla.org</a> cve: CVE-2011-3389 cve: CVE-2015-0204 cve: CVE-2023-41928 cve: CVE-2024-41270 cve: CVE-2025-3200 url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html">https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html</a>
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url: [https://www.bsi.bund.de/EN/Themen/0effentliche-Verwaltung/Mindeststandards/→TLS-Protokoll/TLS-Protokoll\\_node.html](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](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://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

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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-2015-0079  
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

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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 dfn-cert: DFN-CERT-2011-1482
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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 dfn-cert: DFN-CERT-2011-1482
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Medium (CVSS: 4.0)
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NVT: SSL/TLS: Diffie-Hellman Key Exchange Insufficient DH Group Strength Vulnerability
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<b>Summary</b>
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The SSL/TLS service uses Diffie-Hellman groups with insufficient strength (key size < 2048).
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<b>Quality of Detection (QoD):</b> 80%
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<b>Vulnerability Detection Result</b>
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Server Temporary Key Size: 1024 bits
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<b>Impact</b>
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An attacker might be able to decrypt the SSL/TLS communication offline.
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<b>Solution:</b>
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<b>Solution type:</b> Workaround
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- |  |
|--|
| <ul style="list-style-type: none"> <li>- 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.</li> <li>- 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.</li> </ul> |
|--|

<b>Affected Software/OS</b>
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<p>... continued from previous page ...</p> <p>All services providing an encrypted communication using Diffie-Hellman groups with insufficient strength.</p>
<p><b>Vulnerability Insight</b>  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><b>Vulnerability Detection Method</b>  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</p>
<p><b>References</b></p> <p>url: <a href="https://weakdh.org">https://weakdh.org</a>  url: <a href="https://weakdh.org/sysadmin.html">https://weakdh.org/sysadmin.html</a>  url: <a href="https://ssl-config.mozilla.org">https://ssl-config.mozilla.org</a>  url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html">https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html</a>  url: <a href="https://www.bsi.bund.de/EN/Themen/0effentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html">https://www.bsi.bund.de/EN/Themen/0effentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html</a>  url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html</a>  url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html</a>  url: <a href="https://web.archive.org/web/20240113175943/https://www.bettercrypto.org">https://web.archive.org/web/20240113175943/https://www.bettercrypto.org</a>  url: <a href="https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014">https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014</a>  url: <a href="https://httpd.apache.org/docs/2.4/mod/mod_ssl.html#sslcertificatefile">https://httpd.apache.org/docs/2.4/mod/mod_ssl.html#sslcertificatefile</a></p>

Medium (CVSS: 4.0) NVT: SSL/TLS: Certificate Signed Using A Weak Signature Algorithm
<p><b>Summary</b>  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><b>Quality of Detection (QoD):</b> 80%</p>
<p><b>Vulnerability Detection Result</b>  The following certificates are part of the certificate chain but using insecure signature algorithms:  ... continues on next page ... </p>

<p style="text-align: right;">... continued from previous page ...</p> <p><b>Subject:</b> 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  <b>Signature Algorithm:</b> sha1WithRSAEncryption</p> <p><b>Solution:</b>  <b>Solution type:</b> 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.</p> <p><b>Vulnerability Insight</b>      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</p> <p><b>Vulnerability Detection Method</b>      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><b>References</b>      url: <a href="https://blog.mozilla.org/security/2014/09/23/phasing-out-certificates-with-sha-1-based-signature-algorithms/">https://blog.mozilla.org/security/2014/09/23/phasing-out-certificates-with-sha-1-based-signature-algorithms/</a></p>
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[ [return to 192.168.159.131](#) ]

### 2.1.18 Medium 21/tcp

Medium (CVSS: 6.4)
NVT: Anonymous FTP Login Reporting
<b>Summary</b> Reports if the remote FTP Server allows anonymous logins.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> It was possible to login to the remote FTP service with the following anonymous account(s): anonymous:anonymous@example.com ftp:anonymous@example.com
<b>Impact</b> 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.
<b>Solution:</b> <b>Solution type:</b> Mitigation If you do not want to share files, you should disable anonymous logins.
<b>Vulnerability Insight</b> 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. 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.
<b>Vulnerability Detection Method</b> Details: Anonymous FTP Login Reporting OID:1.3.6.1.4.1.25623.1.0.900600 Version used: 2021-10-20T09:03:29Z
<b>References</b> cve: CVE-1999-0497

Medium (CVSS: 4.8)
NVT: FTP Unencrypted Cleartext Login
<b>Summary</b> The remote host is running a FTP service that allows cleartext logins over unencrypted connections.
<b>Quality of Detection (QoD):</b> 70%
<b>Vulnerability Detection Result</b> The remote FTP service accepts logins without a previous sent 'AUTH TLS' command →. Response(s): Non-anonymous sessions: 331 Please specify the password. Anonymous sessions: 331 Please specify the password.
<b>Impact</b> An attacker can uncover login names and passwords by sniffing traffic to the FTP service.
<b>Solution:</b> <b>Solution type:</b> Mitigation Enable FTPS or enforce the connection via the 'AUTH TLS' command. Please see the manual of the FTP service for more information.
<b>Vulnerability Detection Method</b> 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: <b>FTP Unencrypted Cleartext Login</b> OID:1.3.6.1.4.1.25623.1.0.108528 Version used: 2023-12-20T05:05:58Z

[ [return to 192.168.159.131](#) ]

### 2.1.19 Medium 80/tcp

Medium (CVSS: 6.8)
NVT: TWiki Cross-Site Request Forgery Vulnerability (Sep 2010)
<b>Summary</b> TWiki is prone to a cross-site request forgery (CSRF) vulnerability.
<b>Quality of Detection (QoD):</b> 80%
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<p><b>Vulnerability Detection Result</b> Installed version: 01.Feb.2003 Fixed version: 4.3.2</p>
<p><b>Impact</b> Successful exploitation will allow attacker to gain administrative privileges on the target application and can cause CSRF attack.</p>
<p><b>Solution:</b> <b>Solution type:</b> VendorFix Upgrade to TWiki version 4.3.2 or later.</p>
<p><b>Affected Software/OS</b> TWiki version prior to 4.3.2</p>
<p><b>Vulnerability Insight</b> 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.</p>
<p><b>Vulnerability Detection Method</b> 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</p>
<p><b>References</b> cve: CVE-2009-4898 url: <a href="http://www.openwall.com/lists/oss-security/2010/08/03/8">http://www.openwall.com/lists/oss-security/2010/08/03/8</a> url: <a href="http://www.openwall.com/lists/oss-security/2010/08/02/17">http://www.openwall.com/lists/oss-security/2010/08/02/17</a> url: <a href="http://twiki.org/cgi-bin/view/Codev/SecurityAuditTokenBasedCsrfFix">http://twiki.org/cgi-bin/view/Codev/SecurityAuditTokenBasedCsrfFix</a> url: <a href="http://twiki.org/cgi-bin/view/Codev/DownloadTWiki">http://twiki.org/cgi-bin/view/Codev/DownloadTWiki</a></p>

Medium (CVSS: 6.1)
NVT: jQuery < 1.9.0 XSS Vulnerability
<p><b>Summary</b> jQuery is prone to a cross-site scripting (XSS) vulnerability.</p>
<p><b>Quality of Detection (QoD):</b> 80%</p>
<p><b>Vulnerability Detection Result</b> Installed version: 1.3.2 Fixed version: 1.9.0</p>
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<p>... continued from previous page ...</p> <p><b>Installation</b> 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://192.168.159.131/mutillidae/javascript/ddsmoothmenu/jquery.min.js - Referenced at: http://192.168.159.131/mutillidae/</p> <p><b>Solution:</b> <b>Solution type:</b> VendorFix Update to version 1.9.0 or later.</p> <p><b>Affected Software/OS</b> jQuery prior to version 1.9.0.</p> <p><b>Vulnerability Insight</b> 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 '&lt;' 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 '&lt;' character, limiting exploitability only to attackers who can control the beginning of a string, which is far less common.</p> <p><b>Vulnerability Detection Method</b> Checks if a vulnerable version is present on the target host. Details: jQuery &lt; 1.9.0 XSS Vulnerability OID:1.3.6.1.4.1.25623.1.0.141636 Version used: 2023-07-14T05:06:08Z</p> <p><b>References</b> cve: CVE-2012-6708 url: <a href="https://bugs.jquery.com/ticket/11290">https://bugs.jquery.com/ticket/11290</a> 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</p>
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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.

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<p>... continued from previous page ...</p> <p><b>Quality of Detection (QoD):</b> 80%</p> <p><b>Vulnerability Detection Result</b>          Installed version: 01.Feb.2003          Fixed version: 6.1.0</p> <p><b>Solution:</b>  <b>Solution type:</b> VendorFix          Update to version 6.1.0 or later.</p> <p><b>Affected Software/OS</b>          TWiki version 6.0.2 and probably prior.</p> <p><b>Vulnerability Detection Method</b>          Checks if a vulnerable version is present on the target host.          Details: TWiki &lt; 6.1.0 XSS Vulnerability          OID:1.3.6.1.4.1.25623.1.0.141830          Version used: 2023-07-14T16:09:27Z</p> <p><b>References</b>          cve: CVE-2018-20212          url: <a href="https://seclists.org/fulldisclosure/2019/Jan/7">https://seclists.org/fulldisclosure/2019/Jan/7</a>          url: <a href="http://twiki.org/cgi-bin/view/Codev/DownloadTWiki">http://twiki.org/cgi-bin/view/Codev/DownloadTWiki</a></p>
---

<p>Medium (CVSS: 6.0)</p> <p>NVT: TWiki CSRF Vulnerability</p>
<p><b>Summary</b>          TWiki is prone to a cross-site request forgery (CSRF) vulnerability.</p>
<p><b>Quality of Detection (QoD):</b> 80%</p>
<p><b>Vulnerability Detection Result</b>          Installed version: 01.Feb.2003          Fixed version: 4.3.1</p>
<p><b>Impact</b>          Successful exploitation will allow attacker to gain administrative privileges on the target application and can cause CSRF attack.</p>
<p><b>Solution:</b>  <b>Solution type:</b> VendorFix          Upgrade to version 4.3.1 or later.</p>

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<b>Affected Software/OS</b> TWiki version prior to 4.3.1	
<b>Vulnerability Insight</b> 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.	
<b>Vulnerability Detection Method</b> Details: TWiki CSRF Vulnerability OID:1.3.6.1.4.1.25623.1.0.800400 Version used: 2024-06-28T05:05:33Z	
<b>References</b> cve: CVE-2009-1339 url: <a href="http://seunia.com/advisories/34880">http://seunia.com/advisories/34880</a> url: <a href="http://bugs.debian.org/cgi-bin/bugreport.cgi?bug=526258">http://bugs.debian.org/cgi-bin/bugreport.cgi?bug=526258</a> url: <a href="http://twiki.org/p/pub/Codev/SecurityAlert-CVE-2009-1339/TWiki-4.3.0-c-diff--cve-2009-1339.txt">http://twiki.org/p/pub/Codev/SecurityAlert-CVE-2009-1339/TWiki-4.3.0-c-diff--cve-2009-1339.txt</a>	

Medium (CVSS: 5.8)
NVT: HTTP Debugging Methods (TRACE/TRACK) Enabled
<b>Summary</b> 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.
<b>Quality of Detection (QoD):</b> 99%
<b>Vulnerability Detection Result</b> The web server has the following HTTP methods enabled: TRACE
<b>Impact</b> An attacker may use this flaw to trick your legitimate web users to give him their credentials.
<b>Solution:</b> <b>Solution type:</b> 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.
<b>Affected Software/OS</b>
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Web servers with enabled TRACE and/or TRACK methods.
<b>Vulnerability Insight</b> It has been shown that web servers supporting these methods are subject to cross-site-scripting attacks, dubbed XST for Cross-Site-Tracing, when used in conjunction with various weaknesses in browsers.
<b>Vulnerability Detection Method</b> 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
<b>References</b> 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: <a href="http://www.kb.cert.org/vuls/id/288308">http://www.kb.cert.org/vuls/id/288308</a> url: <a href="http://www.securityfocus.com/bid/11604">http://www.securityfocus.com/bid/11604</a> url: <a href="http://www.securityfocus.com/bid/15222">http://www.securityfocus.com/bid/15222</a> url: <a href="http://www.securityfocus.com/bid/19915">http://www.securityfocus.com/bid/19915</a> url: <a href="http://www.securityfocus.com/bid/24456">http://www.securityfocus.com/bid/24456</a> url: <a href="http://www.securityfocus.com/bid/33374">http://www.securityfocus.com/bid/33374</a> url: <a href="http://www.securityfocus.com/bid/36956">http://www.securityfocus.com/bid/36956</a> url: <a href="http://www.securityfocus.com/bid/36990">http://www.securityfocus.com/bid/36990</a> url: <a href="http://www.securityfocus.com/bid/37995">http://www.securityfocus.com/bid/37995</a> url: <a href="http://www.securityfocus.com/bid/9506">http://www.securityfocus.com/bid/9506</a> url: <a href="http://www.securityfocus.com/bid/9561">http://www.securityfocus.com/bid/9561</a> url: <a href="http://www.kb.cert.org/vuls/id/867593">http://www.kb.cert.org/vuls/id/867593</a> url: <a href="https://httpd.apache.org/docs/current/en/mod/core.html#traceenable">https://httpd.apache.org/docs/current/en/mod/core.html#traceenable</a> url: <a href="https://techcommunity.microsoft.com/t5/iis-support-blog/http-track-and-trace-verbs/ba-p/784482">https://techcommunity.microsoft.com/t5/iis-support-blog/http-track-and-trace-verbs/ba-p/784482</a> url: <a href="https://owasp.org/www-community/attacks/Cross_Site_Tracing">https://owasp.org/www-community/attacks/Cross_Site_Tracing</a> 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)
<b>Summary</b> Reporting of files containing the output of the phpinfo() PHP function previously detected via HTTP.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> The following files are calling the function phpinfo() which disclose potentially sensitive information: <a href="http://192.168.159.131/mutillidae/phpinfo.php">http://192.168.159.131/mutillidae/phpinfo.php</a> Concluded from: <pre>&lt;title&gt;phpinfo()&lt;/title&gt;&lt;meta name="ROBOTS" content="NOINDEX,NOFOLLOW,NOARCHIVE" /&gt;&lt;/head&gt; &lt;tr&gt;&lt;td class="e"&gt;Configuration File (php.ini) Path &lt;/td&gt;&lt;td class="v"&gt;/etc/php5/cgi &lt;/td&gt;&lt;/tr&gt; &lt;h2&gt;PHP Core&lt;/h2&gt; &lt;h2&gt;PHP Variables&lt;/h2&gt;</pre> <a href="http://192.168.159.131/phpinfo.php">http://192.168.159.131/phpinfo.php</a> Concluded from: <pre>&lt;title&gt;phpinfo()&lt;/title&gt;&lt;meta name="ROBOTS" content="NOINDEX,NOFOLLOW,NOARCHIVE" /&gt;&lt;/head&gt; &lt;tr&gt;&lt;td class="e"&gt;Configuration File (php.ini) Path &lt;/td&gt;&lt;td class="v"&gt;/etc/php5/cgi &lt;/td&gt;&lt;/tr&gt; &lt;h2&gt;PHP Core&lt;/h2&gt; &lt;h2&gt;PHP Variables&lt;/h2&gt;</pre>
<b>Impact</b> Some of the information that can be gathered from this file includes: 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.
<b>Solution:</b> <b>Solution type:</b> Workaround Delete the listed files or restrict access to them.
<b>Affected Software/OS</b> All systems exposing a file containing the output of the phpinfo() PHP function. This VT is also reporting if an affected endpoint for the following products have been identified: - CVE-2008-0149: TUTOS - CVE-2023-49282, CVE-2023-49283: Microsoft Graph PHP SDK - CVE-2024-10486: Google for WooCommerce plugin for WordPress

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### Vulnerability Insight

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.

### Vulnerability Detection Method

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).

Details: phpinfo() Output Reporting (HTTP)

OID:1.3.6.1.4.1.25623.1.0.11229

Version used: 2025-07-09T05:43:50Z

### References

cve: CVE-2008-0149

cve: CVE-2023-49282

cve: CVE-2023-49283

cve: CVE-2024-10486

url: <https://www.php.net/manual/en/function.phpinfo.php>

url: <https://beaglesecurity.com/blog/vulnerability/revealing-phpinfo.html>

Medium (CVSS: 5.0)

NVT: QWikiwiki directory traversal vulnerability

### Summary

The remote host is running QWikiwiki, a Wiki application written in PHP.

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: <http://192.168.159.131/mutillidae/index.php?page=../../../../../../../../etc/passwd%00>

### 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

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Version used:	2025-04-15T05:54:49Z
<b>References</b>	
cve:	CVE-2005-0283
url:	<a href="http://www.securityfocus.com/bid/12163">http://www.securityfocus.com/bid/12163</a>
Medium (CVSS: 5.0)	
NVT:	awiki <= 20100125 Multiple LFI Vulnerabilities - Active Check
<b>Summary</b>	awiki is prone to multiple local file include (LFI) vulnerabilities because it fails to properly sanitize user-supplied input.
<b>Quality of Detection (QoD):</b>	99%
<b>Vulnerability Detection Result</b>	
Vulnerable URL:	<a href="http://192.168.159.131/mutillidae/index.php?page=/etc/passwd">http://192.168.159.131/mutillidae/index.php?page=/etc/passwd</a>
<b>Impact</b>	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.
<b>Solution:</b>	
<b>Solution type:</b>	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.	
<b>Affected Software/OS</b>	
awiki version 20100125 and prior.	
<b>Vulnerability Detection Method</b>	
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
<b>References</b>	
url:	<a href="https://www.exploit-db.com/exploits/36047/">https://www.exploit-db.com/exploits/36047/</a>
url:	<a href="http://www.securityfocus.com/bid/49187">http://www.securityfocus.com/bid/49187</a>

Medium (CVSS: 5.0)
NVT: /doc directory browsable
<b>Summary</b> 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.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> Vulnerable URL: <a href="http://192.168.159.131/doc/">http://192.168.159.131/doc/</a>
<b>Solution:</b> <b>Solution type:</b> 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>
<b>Vulnerability Detection Method</b> Details: /doc directory browsable OID:1.3.6.1.4.1.25623.1.0.10056 Version used: 2023-08-01T13:29:10Z
<b>References</b> cve: CVE-1999-0678 url: <a href="http://www.securityfocus.com/bid/318">http://www.securityfocus.com/bid/318</a>

Medium (CVSS: 4.8)
NVT: Cleartext Transmission of Sensitive Information via HTTP
<b>Summary</b> The host / application transmits sensitive information (username, passwords) in cleartext via HTTP.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> The following input fields were identified (URL:input name): <a href="http://192.168.159.131/dvwa/login.php">http://192.168.159.131/dvwa/login.php</a> :password <a href="http://192.168.159.131/phpMyAdmin/">http://192.168.159.131/phpMyAdmin/</a> :pma_password <a href="http://192.168.159.131/phpMyAdmin/?D=A">http://192.168.159.131/phpMyAdmin/?D=A</a> :pma_password <a href="http://192.168.159.131/tikiwiki/tiki-install.php">http://192.168.159.131/tikiwiki/tiki-install.php</a> :pass
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<p style="text-align: right;">... continued from previous page ...</p> <p><a href="http://192.168.159.131/twiki/bin/view/TWiki/TWikiUserAuthentication:oldpassword">http://192.168.159.131/twiki/bin/view/TWiki/TWikiUserAuthentication:oldpassword</a></p>
<p><b>Impact</b></p> <p>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.</p>
<p><b>Solution:</b></p> <p><b>Solution type:</b> Workaround</p> <p>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.</p>
<p><b>Affected Software/OS</b></p> <p>Hosts / applications which doesn't enforce the transmission of sensitive data via an encrypted SSL/TLS connection.</p>
<p><b>Vulnerability Detection Method</b></p> <p>Evaluate previous collected information and check if the host / application is not enforcing the transmission of sensitive data via an encrypted SSL/TLS connection.</p> <p>The script is currently checking the following:</p> <ul style="list-style-type: none"> <li>- HTTP Basic Authentication (Basic Auth)</li> <li>- HTTP Forms (e.g. Login) with input field of type 'password'</li> </ul> <p>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</p>
<p><b>References</b></p> <p>url: <a href="https://www.owasp.org/index.php/Top_10_2013-A2-Broken_Authentication_and_Session_Management">https://www.owasp.org/index.php/Top_10_2013-A2-Broken_Authentication_and_Session_Management</a>  url: <a href="https://www.owasp.org/index.php/Top_10_2013-A6-Sensitive_Data_Exposure">https://www.owasp.org/index.php/Top_10_2013-A6-Sensitive_Data_Exposure</a>  url: <a href="https://cwe.mitre.org/data/definitions/319.html">https://cwe.mitre.org/data/definitions/319.html</a></p>

<p>Medium (CVSS: 4.3)</p> <p>NVT: phpMyAdmin 'error.php' Cross Site Scripting Vulnerability</p>
<p><b>Summary</b></p> <p>phpMyAdmin is prone to a cross-site scripting (XSS) vulnerability.</p>
<p><b>Quality of Detection (QoD):</b> 99%</p>
<p><b>Vulnerability Detection Result</b></p> <p>Vulnerability was detected according to the Vulnerability Detection Method.</p>
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<b>Impact</b>	Successful exploitation will allow attackers to inject arbitrary HTML code within the error page and conduct phishing attacks.
<b>Solution:</b> <b>Solution type:</b> 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.
<b>Affected Software/OS</b>	phpMyAdmin version 3.3.8.1 and prior.
<b>Vulnerability Insight</b>	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.
<b>Vulnerability Detection Method</b>	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
<b>References</b>	cve: CVE-2010-4480 url: <a href="http://www.exploit-db.com/exploits/15699/">http://www.exploit-db.com/exploits/15699/</a> url: <a href="http://www.vupen.com/english/advisories/2010/3133">http://www.vupen.com/english/advisories/2010/3133</a> 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: jQuery < 1.6.3 XSS Vulnerability
<b>Summary</b> jQuery is prone to a cross-site scripting (XSS) vulnerability.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> Installed version: 1.3.2 Fixed version: 1.6.3 <b>Installation</b> ... continues on next page ...

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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://192.168.159.131/mutillidae/javascript/ddsmoothmenu/jquery.min.js - Referenced at: http://192.168.159.131/mutillidae/
<b>Solution:</b> <b>Solution type:</b> VendorFix Update to version 1.6.3 or later.
<b>Affected Software/OS</b> jQuery prior to version 1.6.3.
<b>Vulnerability Insight</b> 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.
<b>Vulnerability Detection Method</b> 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
<b>References</b> cve: CVE-2011-4969 url: <a href="https://blog.jquery.com/2011/09/01/jquery-1-6-3-released/">https://blog.jquery.com/2011/09/01/jquery-1-6-3-released/</a> cert-bund: CB-K17/0195 dfn-cert: DFN-CERT-2017-0199 dfn-cert: DFN-CERT-2016-0890

Medium (CVSS: 4.3) NVT: Apache HTTP Server 'httpOnly' Cookie Information Disclosure Vulnerability
<b>Product detection result</b> 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)
<b>Summary</b> Apache HTTP Server is prone to a cookie information disclosure vulnerability.
<b>Quality of Detection (QoD):</b> 99%
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<b>Vulnerability Detection Result</b>	Vulnerability was detected according to the Vulnerability Detection Method.
<b>Impact</b>	Successful exploitation will allow attackers to obtain sensitive information that may aid in further attacks.
<b>Solution:</b>	<b>Solution type:</b> VendorFix Update to Apache HTTP Server version 2.2.22 or later.
<b>Affected Software/OS</b>	Apache HTTP Server versions 2.2.0 through 2.2.21.
<b>Vulnerability Insight</b>	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.
<b>Vulnerability Detection Method</b>	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
<b>Product Detection Result</b>	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)
<b>References</b>	cve: CVE-2012-0053 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
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<pre>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</pre>
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<pre>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</pre>
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### 2.1.20 Medium 445/tcp

<p>Medium (CVSS: 6.0)</p>
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<p>NVT: Samba 3.0.0 &lt;= 3.0.25rc3 MS-RPC Remote Shell Command Execution Vulnerability - Active Check</p>
--

<p><b>Product detection result</b></p>
--

<p>cpe:/a:samba:samba:3.0.20</p>
----------------------------------

<p>Detected by SMB NativeLanMan (OID: 1.3.6.1.4.1.25623.1.0.102011)</p>
---

<p><b>Summary</b></p>
-----------------------

<p>Samba is prone to a vulnerability that allows attackers to execute arbitrary shell commands because the software fails to sanitize user-supplied input.</p>
--

<p><b>Quality of Detection (QoD): 99%</b></p>
---

<p><b>Vulnerability Detection Result</b></p>
--

<p>By sending a special crafted SMB request it was possible to execute ‘‘ping -p 5f ↪4f70656e564153565431313236305f -c50 192.168.159.132‘‘ on the remote host.</p>
--

<p>Received answer (ICMP "Data" field):</p>
---

<pre>0x00: 0A AE 3F 69 64 65 04 00 56 54 31 31 32 36 30 5F ..?ide..VT11260_ 0x10: 5F 4F 70 65 6E 56 41 53 56 54 31 31 32 36 30 5F _OpenVASVT11260_ 0x20: 5F 4F 70 65 6E 56 41 53 56 54 31 31 32 36 30 5F _OpenVASVT11260_ 0x30: 5F 4F 70 65 6E 56 41 53 _OpenVAS</pre>
--

<p><b>Impact</b></p>
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<p>... continued from previous page ...</p> <p>An attacker may leverage this issue to execute arbitrary shell commands on an affected system with the privileges of the application.</p> <p><b>Solution:</b>  <b>Solution type:</b> VendorFix  Updates are available. Please see the referenced vendor advisory.</p> <p><b>Affected Software/OS</b>  Samba versions 3.0.0 through 3.0.25rc3.</p> <p><b>Vulnerability Detection Method</b>  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 &lt;= 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</p> <p><b>Product Detection Result</b>  Product: cpe:/a:samba:samba:3.0.20  Method: SMB_NativeLanMan  OID: 1.3.6.1.4.1.25623.1.0.102011)</p> <p><b>References</b>  cve: CVE-2007-2447  url: <a href="https://www.samba.org/samba/security/CVE-2007-2447.html">https://www.samba.org/samba/security/CVE-2007-2447.html</a>  url: <a href="https://web.archive.org/web/20210121173708/http://www.securityfocus.com/bid/23972">https://web.archive.org/web/20210121173708/http://www.securityfocus.com/bid/23972</a></p>
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### 2.1.21 Medium 5432/tcp

Medium (CVSS: 5.9) NVT: SSL/TLS: Report Weak Cipher Suites
<b>Product detection result</b> 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)

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<b>Summary</b> This routine reports all weak SSL/TLS cipher suites accepted by a service.
<b>Quality of Detection (QoD):</b> 98%
<b>Vulnerability Detection Result</b> '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
<b>Impact</b> This could allow remote attackers to obtain sensitive information or have other, unspecified impacts.
<b>Solution:</b> <b>Solution type:</b> 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.
<b>Affected Software/OS</b> All services providing an encrypted communication using weak SSL/TLS cipher suites.
<b>Vulnerability Insight</b> These rules are applied for the evaluation of the cryptographic strength: - 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
<b>Vulnerability Detection Method</b> Checks previous collected cipher suites. 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. Details: SSL/TLS: Report Weak Cipher Suites OID:1.3.6.1.4.1.25623.1.0.103440 Version used: 2025-03-27T05:38:50Z
<b>Product Detection Result</b> Product: cpe:/a:ietf:transport_layer_security Method: SSL/TLS: Report Supported Cipher Suites ... continues on next page ...

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OID: 1.3.6.1.4.1.25623.1.0.802067)	
<b>References</b> cve: CVE-2013-2566 cve: CVE-2015-2808 cve: CVE-2015-4000 url: <a href="https://ssl-config.mozilla.org">https://ssl-config.mozilla.org</a> url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html">https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html</a> url: <a href="https://www.bsi.bund.de/EN/Themen/Oeffentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html">https://www.bsi.bund.de/EN/Themen/Oeffentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html</a> url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html</a> url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html</a> url: <a href="https://web.archive.org/web/20240113175943/https://www.bettercrypto.org">https://web.archive.org/web/20240113175943/https://www.bettercrypto.org</a> url: <a href="https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014">https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014</a> cert-bund: CB-K21/0067 cert-bund: CB-K19/0812 cert-bund: CB-K17/1750 cert-bund: CB-K16/1593 cert-bund: CB-K16/1552 cert-bund: CB-K16/1102 cert-bund: CB-K16/0617 cert-bund: CB-K16/0599 cert-bund: CB-K16/0168 cert-bund: CB-K16/0121 cert-bund: CB-K16/0090 cert-bund: CB-K16/0030 cert-bund: CB-K15/1751 cert-bund: CB-K15/1591 cert-bund: CB-K15/1550 cert-bund: CB-K15/1517 cert-bund: CB-K15/1514 cert-bund: CB-K15/1464 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	

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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
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

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<pre>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</pre>
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<pre>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</pre>
---

<p>Medium (CVSS: 5.9)</p>
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<p>NVT: SSL/TLS: Deprecated SSLv2 and SSLv3 Protocol Detection</p>
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<p><b>Product detection result</b></p>
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<pre>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)</pre>
--

<p><b>Summary</b></p>
-----------------------

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

<p><b>Quality of Detection (QoD): 98%</b></p>
---

<p><b>Vulnerability Detection Result</b></p>
--

<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) VT.</p>
--

<p><b>Impact</b></p>
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<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>
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<p>... continued from previous page ...</p> <p>Furthermore newly uncovered vulnerabilities in this protocols won't receive security updates anymore.</p> <p><b>Solution:</b>  <b>Solution type:</b> 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.</p> <p><b>Affected Software/OS</b>  All services providing an encrypted communication using the SSLv2 and/or SSLv3 protocols.</p> <p><b>Vulnerability Insight</b>  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)</p> <p><b>Vulnerability Detection Method</b>  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</p> <p><b>Product Detection Result</b>  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)</p> <p><b>References</b></p> <p>cve: CVE-2016-0800  cve: CVE-2014-3566  url: <a href="https://ssl-config.mozilla.org">https://ssl-config.mozilla.org</a>  url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html">https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html</a>  url: <a href="https://www.bsi.bund.de/EN/Themen/Offentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html">https://www.bsi.bund.de/EN/Themen/Offentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html</a>  url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html</a>  url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html</a>  url: <a href="https://web.archive.org/web/20240113175943/https://www.bettercrypto.org">https://web.archive.org/web/20240113175943/https://www.bettercrypto.org</a>  url: <a href="https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014">https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014</a>  url: <a href="https://drownattack.com">https://drownattack.com</a>  url: <a href="https://www.imperialviolet.org/2014/10/14/poodle.html">https://www.imperialviolet.org/2014/10/14/poodle.html</a></p>
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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
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

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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
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

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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
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Medium (CVSS: 5.3)
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NVT: SSL/TLS: Server Certificate / Certificate in Chain with RSA keys less than 2048 bits
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<b>Summary</b>
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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.
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<b>Quality of Detection (QoD):</b> 80%
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<b>Vulnerability Detection Result</b>
---------------------------------------

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)
---

<b>Impact</b>
---------------

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

<b>Solution:</b>
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<b>Solution type:</b> Mitigation
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Replace the certificate with a stronger key and reissue the certificates it signed.
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<b>Vulnerability Insight</b>
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SSL/TLS certificates using RSA keys with less than 2048 bits are considered unsafe.
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<b>Vulnerability Detection Method</b>
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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
<b>References</b> url: <a href="https://www.cabforum.org/wp-content/uploads/Baseline_Requirements_V1.pdf">https://www.cabforum.org/wp-content/uploads/Baseline_Requirements_V1.pdf</a>

Medium (CVSS: 5.0)
NVT: SSL/TLS: Renegotiation DoS Vulnerability (CVE-2011-1473, CVE-2011-5094)
<b>Summary</b> The remote SSL/TLS service is prone to a denial of service (DoS) vulnerability.
<b>Quality of Detection (QoD):</b> 70%
<p><b>Vulnerability Detection Result</b>  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</p> <hr/> <p>↔  TLSv1.0   10</p>
<p><b>Impact</b>  The flaw might make it easier for remote attackers to cause a DoS (CPU consumption) by performing many renegotiations within a single connection.</p>
<p><b>Solution:</b>  <b>Solution type:</b> 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.</p>
<p><b>Affected Software/OS</b>  Every SSL/TLS service which does not properly restrict client-initiated renegotiation.</p>
<p><b>Vulnerability Insight</b>  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:  ... continues on next page ...</p>

<p>... continued from previous page ...</p> <p>&gt; 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.</p>
<p><b>Vulnerability Detection Method</b>  Checks if the remote service allows to re-do the same SSL/TLS handshake (Renegotiation) over an existing / already established SSL/TLS connection.  Details: <b>SSL/TLS: Renegotiation DoS Vulnerability</b> (CVE-2011-1473, CVE-2011-5094)  OID:1.3.6.1.4.1.25623.1.0.117761  Version used: 2024-09-27T05:05:23Z</p>
<p><b>References</b></p> <p>cve: CVE-2011-1473  cve: CVE-2011-5094  url: <a href="https://web.archive.org/web/20211201133213/https://orchilles.com/ssl-renegotiation-dos/">https://web.archive.org/web/20211201133213/https://orchilles.com/ssl-renegotiation-dos/</a>  url: <a href="https://mailarchive.ietf.org/arch/msg/tls/wdg46VE_jkYBbgJ5yE4P9nQ-8IU/">https://mailarchive.ietf.org/arch/msg/tls/wdg46VE_jkYBbgJ5yE4P9nQ-8IU/</a>  url: <a href="https://vincent.bernat.ch/en/blog/2011-ssl-dos-mitigation">https://vincent.bernat.ch/en/blog/2011-ssl-dos-mitigation</a>  url: <a href="https://www.openwall.com/lists/oss-security/2011/07/08/2">https://www.openwall.com/lists/oss-security/2011/07/08/2</a>  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  dfn-cert: DFN-CERT-2017-1012  dfn-cert: DFN-CERT-2014-0809  dfn-cert: DFN-CERT-2013-1928  dfn-cert: DFN-CERT-2012-1112</p>

<p>Medium (CVSS: 5.0)</p> <p>NVT: SSL/TLS: Certificate Expired</p>
<p><b>Product detection result</b>  cpe:/a:ietf:transport_layer_security  Detected by SSL/TLS: Collect and Report Certificate Details (OID: 1.3.6.1.4.1.25623.1.0.103692)</p>
<p><b>Summary</b>  The remote server's SSL/TLS certificate has already expired.</p>
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<b>Quality of Detection (QoD): 99%</b>	
<b>Vulnerability Detection Result</b>	
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
<b>Solution:</b>	
<b>Solution type:</b> Mitigation	
Replace the SSL/TLS certificate by a new one.	
<b>Vulnerability Insight</b>	
This script checks expiry dates of certificates associated with SSL/TLS-enabled services on the target and reports whether any have already expired.	
<b>Vulnerability Detection Method</b>	
Details: SSL/TLS: Certificate Expired	
OID:1.3.6.1.4.1.25623.1.0.103955	
Version used: 2024-06-14T05:05:48Z	
<b>Product Detection Result</b>	
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
<b>Product detection result</b> 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)
<b>Summary</b> It was possible to detect the usage of the deprecated TLSv1.0 and/or TLSv1.1 protocol on this system.
<b>Quality of Detection (QoD):</b> 98%
<b>Vulnerability Detection Result</b> 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.
<b>Impact</b> 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.
<b>Solution:</b> <b>Solution type:</b> 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.
<b>Affected Software/OS</b> - 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
<b>Vulnerability Insight</b> 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)
<b>Vulnerability Detection Method</b> ... continues on next page ...

... continued from previous page ...
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
<b>Product Detection Result</b> 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)
<b>References</b> url: <a href="https://ssl-config.mozilla.org">https://ssl-config.mozilla.org</a> cve: CVE-2011-3389 cve: CVE-2015-0204 cve: CVE-2023-41928 cve: CVE-2024-41270 cve: CVE-2025-3200 url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html">https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html</a> url: <a href="https://www.bsi.bund.de/EN/Themen/Offentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html">https://www.bsi.bund.de/EN/Themen/Offentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html</a> url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html</a> url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html</a> url: <a href="https://web.archive.org/web/20240113175943/https://www.bettercrypto.org">https://web.archive.org/web/20240113175943/https://www.bettercrypto.org</a> url: <a href="https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014">https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014</a> url: <a href="https://datatracker.ietf.org/doc/rfc8996/">https://datatracker.ietf.org/doc/rfc8996/</a> url: <a href="https://vhacker.blogspot.com/2011/09/beast.html">https://vhacker.blogspot.com/2011/09/beast.html</a> url: <a href="https://web.archive.org/web/20201108095603/https://censys.io/blog/freak">https://web.archive.org/web/20201108095603/https://censys.io/blog/freak</a> url: <a href="https://certvde.com/en/advisories/VDE-2025-031/">https://certvde.com/en/advisories/VDE-2025-031/</a> url: <a href="https://gist.github.com/nyxfqq/cfae38fada582a0f576d154be1aeb1fc">https://gist.github.com/nyxfqq/cfae38fada582a0f576d154be1aeb1fc</a> url: <a href="https://advisories.ncsc.nl/advisory?id=NCSC-2024-0273">https://advisories.ncsc.nl/advisory?id=NCSC-2024-0273</a> 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
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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
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

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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  
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: 4.0)

NVT: SSL/TLS: Diffie-Hellman Key Exchange Insufficient DH Group Strength Vulnerability

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<b>Summary</b>	The SSL/TLS service uses Diffie-Hellman groups with insufficient strength (key size < 2048).
<b>Quality of Detection (QoD):</b>	80%
<b>Vulnerability Detection Result</b>	Server Temporary Key Size: 1024 bits
<b>Impact</b>	An attacker might be able to decrypt the SSL/TLS communication offline.
<b>Solution:</b>	<p><b>Solution type:</b> Workaround</p> <ul style="list-style-type: none"> <li>- 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.</li> <li>- 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.</li> </ul>
<b>Affected Software/OS</b>	All services providing an encrypted communication using Diffie-Hellman groups with insufficient strength.
<b>Vulnerability Insight</b>	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.
<b>Vulnerability Detection Method</b>	<p>Checks the DHE temporary public key size.</p> <p>Details: SSL/TLS: Diffie-Hellman Key Exchange Insufficient DH Group Strength Vulnerability →...</p> <p>OID:1.3.6.1.4.1.25623.1.0.106223</p> <p>Version used: 2025-03-27T05:38:50Z</p>
<b>References</b>	<p>url: <a href="https://weakdh.org">https://weakdh.org</a></p> <p>url: <a href="https://weakdh.org/sysadmin.html">https://weakdh.org/sysadmin.html</a></p> <p>url: <a href="https://ssl-config.mozilla.org">https://ssl-config.mozilla.org</a></p> <p>url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html">https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html</a></p> <p>url: <a href="https://www.bsi.bund.de/EN/Themen/Offentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html">https://www.bsi.bund.de/EN/Themen/Offentliche-Verwaltung/Mindeststandards/TLS-Protokoll/TLS-Protokoll_node.html</a></p> <p>url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html</a></p> <p>url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindes...">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindes...</a></p>

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<p>... continued from previous page ...</p> <pre>→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</pre>
---

<p>Medium (CVSS: 4.0)</p>
---------------------------

<p>NVT: SSL/TLS: Certificate Signed Using A Weak Signature Algorithm</p>
--

<h3><b>Summary</b></h3>
-------------------------

<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><b>Quality of Detection (QoD):</b> 80%</p>
---

<h3><b>Vulnerability Detection Result</b></h3>
--

<p>The following certificates are part of the certificate chain but using insecure</p>
--

<p>→signature algorithms:</p>
-------------------------------

<p>Subject: 1.2.840.113549.1.9.1=#726F6F74407562756E74753830342D626173</p>
--

<p>→652E6C6F63616C646F6D61696E,CN=ubuntu804-base.localdomain,OU=Office for Complic</p>
--

<p>→ation of Otherwise Simple Affairs,O=OCOSA,L=Everywhere,ST=There is no such thi</p>
--

<p>→ng outside US,C=XX</p>
----------------------------

<p>Signature Algorithm: sha1WithRSAEncryption</p>
---

<h3><b>Solution:</b></h3>
---------------------------

<p><b>Solution type:</b> 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>
---

<h3><b>Vulnerability Insight</b></h3>
---------------------------------------

<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"> <li>- Secure Hash Algorithm 1 (SHA-1)</li> <li>- Message Digest 5 (MD5)</li> <li>- Message Digest 4 (MD4)</li> <li>- Message Digest 2 (MD2)</li> </ul> |
|---|

<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</p>
---------------------

<p>... continues on next page ...</p>
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	or fingerprint1, Fingerprint2
	<p><b>Vulnerability Detection Method</b>  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><b>References</b>  url: <a href="https://blog.mozilla.org/security/2014/09/23/phasing-out-certificates-with-&gt;sha-1-based-signature-algorithms/">https://blog.mozilla.org/security/2014/09/23/phasing-out-certificates-with-&gt;sha-1-based-signature-algorithms/</a></p>

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### 2.1.22 Medium 5900/tcp

	Medium (CVSS: 4.8)
	NVT: VNC Server Unencrypted Data Transmission
	<p><b>Summary</b>  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.</p>
	<p><b>Quality of Detection (QoD):</b> 70%</p>
	<p><b>Vulnerability Detection Result</b>  The VNC server provides the following insecure or cryptographically weak Security Type(s):  2 (VNC authentication)</p>
	<p><b>Impact</b>  An attacker can uncover sensitive data by sniffing traffic to the VNC server.</p>
	<p><b>Solution:</b>  <b>Solution type:</b> 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.</p>
	<p><b>Vulnerability Detection Method</b>  Details: VNC Server Unencrypted Data Transmission  OID:1.3.6.1.4.1.25623.1.0.108529  Version used: 2023-07-12T05:05:04Z</p>
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**References**

url: <https://tools.ietf.org/html/rfc6143#page-10>

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**2.1.23 Low 22/tcp**

Low (CVSS: 2.6)

NVT: Weak MAC 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 MAC algorithm(s).

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

**Vulnerability Detection Result**

The remote SSH server supports the following weak client-to-server MAC algorithm  
↔(s):

hmac-md5

hmac-md5-96

hmac-sha1-96

umac-64@openssh.com

The remote SSH server supports the following weak server-to-client MAC algorithm  
↔(s):

hmac-md5

hmac-md5-96

hmac-sha1-96

umac-64@openssh.com

**Solution:**

**Solution type:** Mitigation

Disable the reported weak MAC algorithm(s).

**Vulnerability Detection Method**

Checks the supported MAC algorithms (client-to-server and server-to-client) of the remote SSH server.

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<p>... continued from previous page ...</p> <p>Currently weak MAC algorithms are defined as the following:</p> <ul style="list-style-type: none"> <li>- MD5 based algorithms</li> <li>- 96-bit based algorithms</li> <li>- 64-bit based algorithms</li> <li>- 'none' algorithm</li> </ul> <p>Details: Weak MAC Algorithm(s) Supported (SSH)  OID:1.3.6.1.4.1.25623.1.0.105610  Version used: 2024-06-14T05:05:48Z</p>
---

<p><b>Product Detection Result</b></p> <p>Product: cpe:/a:ietf:secure_shell_protocol  Method: SSH Protocol Algorithms Supported  OID: 1.3.6.1.4.1.25623.1.0.105565)</p>
---

<p><b>References</b></p> <p>url: <a href="https://www.rfc-editor.org/rfc/rfc6668">https://www.rfc-editor.org/rfc/rfc6668</a>  url: <a href="https://www.rfc-editor.org/rfc/rfc4253#section-6.4">https://www.rfc-editor.org/rfc/rfc4253#section-6.4</a></p>
--

[ [return to 192.168.159.131](#) ]

### 2.1.24 Low general/tcp

<p>Low (CVSS: 2.6)</p> <p>NVT: TCP Timestamps Information Disclosure</p>
<p><b>Summary</b></p> <p>The remote host implements TCP timestamps and therefore allows to compute the uptime.</p>
<p><b>Quality of Detection (QoD):</b> 80%</p>
<p><b>Vulnerability Detection Result</b></p> <p>It was detected that the host implements RFC1323/RFC7323.  The following timestamps were retrieved with a delay of 1 seconds in-between:  Packet 1: 1226186  Packet 2: 1226298</p>
<p><b>Impact</b></p> <p>A side effect of this feature is that the uptime of the remote host can sometimes be computed.</p>
<p><b>Solution:</b></p> <p><b>Solution type:</b> Mitigation  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>... continues on next page ...</p>

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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. See the references for more information.
<b>Affected Software/OS</b> TCP implementations that implement RFC1323/RFC7323.
<b>Vulnerability Insight</b> The remote host implements TCP timestamps, as defined by RFC1323/RFC7323.
<b>Vulnerability Detection Method</b> 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. Details: TCP Timestamps Information Disclosure OID:1.3.6.1.4.1.25623.1.0.80091 Version used: 2023-12-15T16:10:08Z
<b>References</b> url: <a href="https://datatracker.ietf.org/doc/html/rfc1323">https://datatracker.ietf.org/doc/html/rfc1323</a> url: <a href="https://datatracker.ietf.org/doc/html/rfc7323">https://datatracker.ietf.org/doc/html/rfc7323</a> url: <a href="https://web.archive.org/web/20151213072445/http://www.microsoft.com/en-us/download/details.aspx?id=9152">https://web.archive.org/web/20151213072445/http://www.microsoft.com/en-us/download/details.aspx?id=9152</a> url: <a href="https://www.fortiguard.com/psirt/FG-IR-16-090">https://www.fortiguard.com/psirt/FG-IR-16-090</a>

[ [return to 192.168.159.131](#) ]

### 2.1.25 Low general/icmp

Low (CVSS: 2.1)
NVT: ICMP Timestamp Reply Information Disclosure
<b>Summary</b> The remote host responded to an ICMP timestamp request.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> The following response / ICMP packet has been received: - ICMP Type: 14 - ICMP Code: 0 ... continues on next page ...

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<p><b>Impact</b> This information could theoretically be used to exploit weak time-based random number generators in other services.</p>
<p><b>Solution:</b> <b>Solution type:</b> 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)</p>
<p><b>Vulnerability Insight</b> 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.</p>
<p><b>Vulnerability Detection Method</b> 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</p>
<p><b>References</b> cve: CVE-1999-0524 url: <a href="https://datatracker.ietf.org/doc/html/rfc792">https://datatracker.ietf.org/doc/html/rfc792</a> url: <a href="https://datatracker.ietf.org/doc/html/rfc2780">https://datatracker.ietf.org/doc/html/rfc2780</a> cert-bund: CB-K15/1514 cert-bund: CB-K14/0632 dfn-cert: DFN-CERT-2014-0658</p>

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### 2.1.26 Low 25/tcp

Low (CVSS: 3.7) NVT: SSL/TLS: 'DHE_EXPORT' MITM Security Bypass Vulnerability (LogJam)
<p><b>Product detection result</b> 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) ... continues on next page ...</p>

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### Summary

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

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OID: 1.3.6.1.4.1.25623.1.0.802067)
<b>References</b>
cve: CVE-2015-4000
url: <a href="https://weakdh.org">https://weakdh.org</a>
url: <a href="https://weakdh.org/sysadmin.html">https://weakdh.org/sysadmin.html</a>
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url: <a href="https://openwall.com/lists/oss-security/2015/05/20/8">https://openwall.com/lists/oss-security/2015/05/20/8</a>
url: <a href="https://blog.cloudflare.com/logjam-the-latest-tls-vulnerability-explained">https://blog.cloudflare.com/logjam-the-latest-tls-vulnerability-explained</a>
url: <a href="https://openssl-library.org/post/2015-05-20-logjam-freak-upcoming-changes/index.html">https://openssl-library.org/post/2015-05-20-logjam-freak-upcoming-changes/index.html</a>
url: <a href="https://ssl-config.mozilla.org">https://ssl-config.mozilla.org</a>
url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html">https://www.bsi.bund.de/EN/BSI/Publications/TechGuidelines/TG02102/BSI-TR-02102-1.html</a>
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url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Publikationen/TechnischeRichtlinien/TR03116/BSI-TR-03116-4.html</a>
url: <a href="https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html">https://www.bsi.bund.de/SharedDocs/Downloads/DE/BSI/Mindeststandards/Mindesstandard_BSI_TLS_Version_2_4.html</a>
url: <a href="https://web.archive.org/web/20240113175943/https://www.bettercrypto.org">https://web.archive.org/web/20240113175943/https://www.bettercrypto.org</a>
url: <a href="https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014">https://www.enisa.europa.eu/publications/algorithms-key-size-and-parameters-report-2014</a>
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dfn-cert: DFN-CERT-2015-0737

Low (CVSS: 3.4) NVT: SSL/TLS: SSLv3 Protocol CBC Cipher Suites Information Disclosure Vulnerability (POODLE)
<b>Product detection result</b> 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)
<b>Summary</b> This host is prone to an information disclosure vulnerability.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> Vulnerability was detected according to the Vulnerability Detection Method.
<b>Impact</b> Successful exploitation will allow a man-in-the-middle attackers gain access to the plain text data stream.
<b>Solution:</b> <b>Solution type:</b> Mitigation Possible Mitigations are: - Disable SSLv3 - Disable cipher suites supporting CBC cipher modes - Enable TLS_FALLBACK_SCSV if the service is providing TLSv1.0+
<b>Vulnerability Insight</b> The flaw is due to the block cipher padding not being deterministic and not covered by the Message Authentication Code
<b>Vulnerability Detection Method</b> 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
<b>Product Detection Result</b> 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

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url: <http://www.securityfocus.com/bid/70574>  
url: <https://www.imperialviolet.org/2014/10/14/poodle.html>  
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url: <http://googleonlinesecurity.blogspot.in/2014/10/this-poodle-bites-exploitin.html>  
cert-bund: WID-SEC-2025-1658  
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cert-bund: CB-K14/1313

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### 2.1.27 Low 5432/tcp

Low (CVSS: 3.4) NVT: SSL/TLS: SSLv3 Protocol CBC Cipher Suites Information Disclosure Vulnerability (POODLE)
<b>Product detection result</b> 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)
<b>Summary</b> This host is prone to an information disclosure vulnerability.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> Vulnerability was detected according to the Vulnerability Detection Method.
<b>Impact</b> Successful exploitation will allow a man-in-the-middle attackers gain access to the plain text data stream.
<b>Solution:</b> <b>Solution type:</b> Mitigation Possible Mitigations are: - Disable SSLv3 - Disable cipher suites supporting CBC cipher modes - Enable TLS_FALLBACK_SCSV if the service is providing TLSv1.0+
<b>Vulnerability Insight</b> The flaw is due to the block cipher padding not being deterministic and not covered by the Message Authentication Code
<b>Vulnerability Detection Method</b> 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
<b>Product Detection Result</b> 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-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.html>  
cert-bund: WID-SEC-2025-1658  
cert-bund: WID-SEC-2023-0431  
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cert-bund: CB-K17/1196  
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[\[ return to 192.168.159.131 \]](#)

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