

Scan Report

May 30, 2020

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 “Immediate scan of IP toponao.ru”. The scan started at Sat May 30 12:08:49 2020 UTC and ended at Sat May 30 13:11:52 2020 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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Result Overview

Host	High	Medium	Low	Log	False Positive
185.26.122.9 toponao.ru	0	12	1	0	0
Total: 1	0	12	1	0	0

Vendor security updates are not trusted.

Overrides are on. When a result has an override, this report uses the threat of the override.

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.

It only lists hosts that produced issues.

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 13 results selected by the filtering described above. Before filtering there were 93 results.

Results per Host

185.26.122.9

Host scan start Sat May 30 12:09:08 2020 UTC

Host scan end Sat May 30 13:11:52 2020 UTC

Service (Port)	Threat Level
21/tcp	Medium
4443/tcp	Medium
443/tcp	Medium
4343/tcp	Medium
1024/tcp	Medium
general/tcp	Low

Medium 21/tcp

Medium (CVSS: 4.8)

NVT: FTP Unencrypted Cleartext Login

Summary

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The remote host is running a FTP service that allows cleartext logins over unencrypted connections.
Vulnerability Detection Result The remote FTP service accepts logins without a previous sent 'AUTH TLS' command ↵. Response(s): Anonymous sessions: 331 Password required for anonymous Non-anonymous sessions: 331 Password required for openvas-vt The remote FTP service supports the 'AUTH TLS' command but isn't enforcing the use of it for: - Anonymous sessions - Non-anonymous sessions
Impact An attacker can uncover login names and passwords by sniffing traffic to the FTP service.
Solution Solution type: Mitigation Enable FTPS or enforce the connection via the 'AUTH TLS' command. Please see the manual of the FTP service for more information.
Vulnerability Detection Method Tries to login to a non FTPS enabled FTP service without sending a 'AUTH TLS' command first and checks if the service is accepting the login without enforcing the use of the 'AUTH TLS' command. Details: FTP Unencrypted Cleartext Login OID:1.3.6.1.4.1.25623.1.0.108528 Version used: \$Revision: 13611 \$

Medium (CVSS: 4.3) NVT: SSL/TLS: Report Weak Cipher Suites
Summary This routine reports all Weak SSL/TLS cipher suites accepted by a service. 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.
Vulnerability Detection Result 'Weak' cipher suites accepted by this service via the TLSv1.0 protocol: TLS_ECDHE_RSA_WITH_RC4_128_SHA TLS_ECDH_anon_WITH_RC4_128_SHA TLS_RSA_WITH_RC4_128_MD5 TLS_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_SEED_CBC_SHA 'Weak' cipher suites accepted by this service via the TLSv1.1 protocol: TLS_ECDHE_RSA_WITH_RC4_128_SHA
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<p>...continued from previous page ...</p> <pre> TLS_ECDH_anon_WITH_RC4_128_SHA TLS_RSA_WITH_RC4_128_MD5 TLS_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_SEED_CBC_SHA 'Weak' cipher suites accepted by this service via the TLSv1.2 protocol: TLS_ECDHE_RSA_WITH_RC4_128_SHA TLS_ECDH_anon_WITH_RC4_128_SHA TLS_RSA_WITH_RC4_128_MD5 TLS_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_SEED_CBC_SHA </pre>
<p>Solution</p> <p>Solution type: Mitigation</p> <p>The configuration of this services should be changed so that it does not accept the listed weak cipher suites anymore.</p> <p>Please see the references for more resources supporting you with this task.</p>
<p>Vulnerability Insight</p> <p>These rules are applied for the evaluation of the cryptographic strength:</p> <ul style="list-style-type: none"> - RC4 is considered to be weak (CVE-2013-2566, CVE-2015-2808). - Ciphers using 64 bit or less are considered to be vulnerable to brute force methods and therefore considered as weak (CVE-2015-4000). - 1024 bit RSA authentication is considered to be insecure and therefore as weak. - Any cipher considered to be secure for only the next 10 years is considered as medium - Any other cipher is considered as strong
<p>Vulnerability Detection Method</p> <p>Details: SSL/TLS: Report Weak Cipher Suites</p> <p>OID:1.3.6.1.4.1.25623.1.0.103440</p> <p>Version used: \$Revision: 11135 \$</p>
<p>References</p> <p>CVE: CVE-2013-2566, CVE-2015-2808, CVE-2015-4000</p> <p>Other:</p> <p>URL:https://www.bsi.bund.de/SharedDocs/Warntmeldungen/DE/CB/warntmeldung_cb-k16-1465_update_6.html</p> <p>URL:https://bettercrypto.org/</p> <p>URL:https://mozilla.github.io/server-side-tls/ssl-config-generator/</p>

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Medium 4443/tcp

<p>Medium (CVSS: 5.8)</p> <p>NVT: HTTP Debugging Methods (TRACE/TRACK) Enabled</p>
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Summary	Debugging functions are enabled on the remote web server. 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.
Vulnerability Detection Result	The web server has the following HTTP methods enabled: TRACE
Impact	An attacker may use this flaw to trick your legitimate web users to give him their credentials.
Solution	Solution type: Mitigation Disable the TRACE and TRACK methods in your web server configuration. Please see the manual of your web server or the references for more information.
Affected Software/OS	Web servers with enabled TRACE and/or TRACK methods.
Vulnerability Insight	It has been shown that web servers supporting this methods are subject to cross-site-scripting attacks, dubbed XST for Cross-Site-Tracing, when used in conjunction with various weaknesses in browsers.
Vulnerability Detection Method	Details: HTTP Debugging Methods (TRACE/TRACK) Enabled OID:1.3.6.1.4.1.25623.1.0.11213 Version used: \$Revision: 10828 \$
References	CVE: CVE-2003-1567, CVE-2004-2320, CVE-2004-2763, CVE-2005-3398, CVE-2006-4683, ↗CVE-2007-3008, CVE-2008-7253, CVE-2009-2823, CVE-2010-0386, CVE-2012-2223, CVE ↗-2014-7883 BID:9506, 9561, 11604, 15222, 19915, 24456, 33374, 36956, 36990, 37995 Other: URL: http://www.kb.cert.org/vuls/id/288308 URL: http://www.kb.cert.org/vuls/id/867593 URL: http://httpd.apache.org/docs/current/de/mod/core.html#traceenable URL: https://www.owasp.org/index.php/Cross_Site_Tracing
Medium (CVSS: 5.0) NVT: SSL/TLS: Report Vulnerable Cipher Suites for HTTPS	
Summary	This routine reports all SSL/TLS cipher suites accepted by a service where attack vectors exists only on HTTPS services.
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Vulnerability Detection Result

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

TLS_DHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32)

TLS_ECDHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32)

TLS_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32)

'Vulnerable' cipher suites accepted by this service via the TLSv1.1 protocol:

TLS_DHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32)

TLS_ECDHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32)

TLS_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32)

'Vulnerable' cipher suites accepted by this service via the TLSv1.2 protocol:

TLS_DHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32)

TLS_ECDHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32)

TLS_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32)

Solution

Solution type: Mitigation

The configuration of this services should be changed so that it does not accept the listed cipher suites anymore.

Please see the references for more resources supporting you with this task.

Affected Software/OS

Services accepting vulnerable SSL/TLS cipher suites via HTTPS.

Vulnerability Insight

These rules are applied for the evaluation of the vulnerable cipher suites:

- 64-bit block cipher 3DES vulnerable to the SWEET32 attack (CVE-2016-2183).

Vulnerability Detection Method

Details: SSL/TLS: Report Vulnerable Cipher Suites for HTTPS

OID:1.3.6.1.4.1.25623.1.0.108031

Version used: \$Revision: 5232 \$

References

CVE: CVE-2016-2183, CVE-2016-6329

Other:

URL:<https://bettercrypto.org/>

URL:<https://mozilla.github.io/server-side-tls/ssl-config-generator/>

URL:<https://sweet32.info/>

Medium (CVSS: 4.3)

NVT: SSL/TLS: Report Weak Cipher Suites

Summary

This routine reports all Weak SSL/TLS cipher suites accepted by a service.

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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.
Vulnerability Detection Result 'Weak' cipher suites accepted by this service via the TLSv1.0 protocol: TLS_ECDHE_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_RC4_128_MD5 TLS_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_SEED_CBC_SHA 'Weak' cipher suites accepted by this service via the TLSv1.1 protocol: TLS_ECDHE_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_RC4_128_MD5 TLS_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_SEED_CBC_SHA 'Weak' cipher suites accepted by this service via the TLSv1.2 protocol: TLS_ECDHE_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_RC4_128_MD5 TLS_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_SEED_CBC_SHA
Solution Solution type: Mitigation The configuration of this services should be changed so that it does not accept the listed weak cipher suites anymore. Please see the references for more resources supporting you with this task.
Vulnerability Insight 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
Vulnerability Detection Method Details: SSL/TLS: Report Weak Cipher Suites OID:1.3.6.1.4.1.25623.1.0.103440 Version used: \$Revision: 11135 \$
References CVE: CVE-2013-2566, CVE-2015-2808, CVE-2015-4000 Other: URL: https://www.bsi.bund.de/SharedDocs/Warntmeldungen/DE/CB/warntmeldung_cb-k16-1465_update_6.html URL: https://bettercrypto.org/
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URL:https://mozilla.github.io/server-side-tls/ssl-config-generator/

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Medium 443/tcp

Medium (CVSS: 6.4) NVT: SSL/TLS: Missing 'secure' Cookie Attribute
Summary The host is running a server with SSL/TLS and is prone to information disclosure vulnerability.
Vulnerability Detection Result The cookies: Set-Cookie: PHPSESSID=***replaced***; path=/ are missing the "secure" attribute.
Solution Solution type: Mitigation Set the 'secure' attribute for any cookies that are sent over a SSL/TLS connection.
Affected Software/OS Server with SSL/TLS.
Vulnerability Insight The flaw is due to cookie is not using 'secure' attribute, which allows cookie to be passed to the server by the client over non-secure channels (http) and allows attacker to conduct session hijacking attacks.
Vulnerability Detection Method Details: SSL/TLS: Missing 'secure' Cookie Attribute OID:1.3.6.1.4.1.25623.1.0.902661 Version used: \$Revision: 11374 \$
References Other: URL:https://www.owasp.org/index.php/SecureFlag URL:http://www.ietf.org/rfc/rfc2965.txt URL:https://www.owasp.org/index.php/Testing_for_cookies_attributes_(OWASP-SM-↵002)

Medium (CVSS: 5.0) NVT: Sensitive File Disclosure (HTTP)
Summary ... continues on next page ...

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<p>The script attempts to identify files containing sensitive data at the remote web server like e.g.:</p> <ul style="list-style-type: none"> - software (Blog, CMS) configuration - database backup files - SSH or SSL/TLS Private Keys
<p>Vulnerability Detection Result</p> <p>The following files containing sensitive information were identified (URL:Description):</p> <p>https://toponao.ru/admin/db.sql:Database backup file publicly accessible.</p>
<p>Impact</p> <p>Based on the information provided in this files an attacker might be able to gather additional info and/or sensitive data like usernames and passwords.</p>
<p>Solution</p> <p>Solution type: Mitigation</p> <p>The sensitive files shouldn't be accessible via a web server. Restrict access to it or remove it completely.</p>
<p>Vulnerability Detection Method</p> <p>Enumerate the remote web server and check if sensitive files are accessible.</p> <p>Details: Sensitive File Disclosure (HTTP)</p> <p>OID:1.3.6.1.4.1.25623.1.0.107305</p> <p>Version used: 2019-03-27T07:53:00+0000</p>

<p>Medium (CVSS: 5.0)</p> <p>NVT: Missing 'httpOnly' Cookie Attribute</p>
<p>Summary</p> <p>The application is missing the 'httpOnly' cookie attribute</p>
<p>Vulnerability Detection Result</p> <p>The cookies:</p> <p>Set-Cookie: PHPSESSID=***replaced***; path=/ are missing the "httpOnly" attribute.</p>
<p>Solution</p> <p>Solution type: Mitigation</p> <p>Set the 'httpOnly' attribute for any session cookie.</p>
<p>Affected Software/OS</p> <p>Application with session handling in cookies.</p>
<p>Vulnerability Insight</p> <p>The flaw is due to a cookie is not using the 'httpOnly' attribute. This allows a cookie to be accessed by JavaScript which could lead to session hijacking attacks.</p> <p>... continues on next page ...</p>

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Vulnerability Detection Method Check all cookies sent by the application for a missing 'httpOnly' attribute Details: Missing 'httpOnly' Cookie Attribute OID:1.3.6.1.4.1.25623.1.0.105925 Version used: \$Revision: 5270 \$
References Other: URL:https://www.owasp.org/index.php/HttpOnly URL:https://www.owasp.org/index.php/Testing_for_cookies_attributes_(OTG-SESS- ↪002)

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Medium 4343/tcp

Medium (CVSS: 5.8) NVT: HTTP Debugging Methods (TRACE/TRACK) Enabled
Summary Debugging functions are enabled on the remote web server. 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.
Vulnerability Detection Result The web server has the following HTTP methods enabled: TRACE
Impact An attacker may use this flaw to trick your legitimate web users to give him their credentials.
Solution Solution type: Mitigation Disable the TRACE and TRACK methods in your web server configuration. Please see the manual of your web server or the references for more information.
Affected Software/OS Web servers with enabled TRACE and/or TRACK methods.
Vulnerability Insight It has been shown that web servers supporting this methods are subject to cross-site-scripting attacks, dubbed XST for Cross-Site-Tracing, when used in conjunction with various weaknesses in browsers.
Vulnerability Detection Method Details: HTTP Debugging Methods (TRACE/TRACK) Enabled
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OID:1.3.6.1.4.1.25623.1.0.11213 Version used: \$Revision: 10828 \$
References CVE: CVE-2003-1567, CVE-2004-2320, CVE-2004-2763, CVE-2005-3398, CVE-2006-4683, ↪ CVE-2007-3008, CVE-2008-7253, CVE-2009-2823, CVE-2010-0386, CVE-2012-2223, CVE ↪ -2014-7883 BID:9506, 9561, 11604, 15222, 19915, 24456, 33374, 36956, 36990, 37995 Other: URL: http://www.kb.cert.org/vuls/id/288308 URL: http://www.kb.cert.org/vuls/id/867593 URL: http://httpd.apache.org/docs/current/de/mod/core.html#traceenable URL: https://www.owasp.org/index.php/Cross_Site_Tracing

Medium (CVSS: 5.0) NVT: SSL/TLS: Report Vulnerable Cipher Suites for HTTPS
Summary This routine reports all SSL/TLS cipher suites accepted by a service where attack vectors exists only on HTTPS services.
Vulnerability Detection Result 'Vulnerable' cipher suites accepted by this service via the TLSv1.0 protocol: TLS_DHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32) TLS_ECDHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32) TLS_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32) 'Vulnerable' cipher suites accepted by this service via the TLSv1.1 protocol: TLS_DHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32) TLS_ECDHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32) TLS_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32) 'Vulnerable' cipher suites accepted by this service via the TLSv1.2 protocol: TLS_DHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32) TLS_ECDHE_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32) TLS_RSA_WITH_3DES_EDE_CBC_SHA (SWEET32)
Solution Solution type: Mitigation The configuration of this services should be changed so that it does not accept the listed cipher suites anymore. Please see the references for more resources supporting you with this task.
Affected Software/OS Services accepting vulnerable SSL/TLS cipher suites via HTTPS.
Vulnerability Insight These rules are applied for the evaluation of the vulnerable cipher suites:
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- 64-bit block cipher 3DES vulnerable to the SWEET32 attack (CVE-2016-2183).
Vulnerability Detection Method Details: SSL/TLS: Report Vulnerable Cipher Suites for HTTPS OID:1.3.6.1.4.1.25623.1.0.108031 Version used: \$Revision: 5232 \$
References CVE: CVE-2016-2183, CVE-2016-6329 Other: URL: https://bettercrypto.org/ URL: https://mozilla.github.io/server-side-tls/ssl-config-generator/ URL: https://sweet32.info/
Medium (CVSS: 4.3) NVT: SSL/TLS: Report Weak Cipher Suites
Summary This routine reports all Weak SSL/TLS cipher suites accepted by a service. 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.
Vulnerability Detection Result 'Weak' cipher suites accepted by this service via the TLSv1.0 protocol: TLS_ECDHE_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_RC4_128_MD5 TLS_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_SEED_CBC_SHA 'Weak' cipher suites accepted by this service via the TLSv1.1 protocol: TLS_ECDHE_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_RC4_128_MD5 TLS_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_SEED_CBC_SHA 'Weak' cipher suites accepted by this service via the TLSv1.2 protocol: TLS_ECDHE_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_RC4_128_MD5 TLS_RSA_WITH_RC4_128_SHA TLS_RSA_WITH_SEED_CBC_SHA
Solution Solution type: Mitigation The configuration of this services should be changed so that it does not accept the listed weak cipher suites anymore. Please see the references for more resources supporting you with this task.
Vulnerability Insight
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<p>These rules are applied for the evaluation of the cryptographic strength:</p> <ul style="list-style-type: none"> - RC4 is considered to be weak (CVE-2013-2566, CVE-2015-2808). - Ciphers using 64 bit or less are considered to be vulnerable to brute force methods and therefore considered as weak (CVE-2015-4000). - 1024 bit RSA authentication is considered to be insecure and therefore as weak. - Any cipher considered to be secure for only the next 10 years is considered as medium - Any other cipher is considered as strong
<p>Vulnerability Detection Method Details: SSL/TLS: Report Weak Cipher Suites OID:1.3.6.1.4.1.25623.1.0.103440 Version used: \$Revision: 11135 \$</p>
<p>References CVE: CVE-2013-2566, CVE-2015-2808, CVE-2015-4000 Other: URL:https://www.bsi.bund.de/SharedDocs/Warnmeldungen/DE/CB/warnmeldung_cb-k16-1465_update_6.html URL:https://bettercrypto.org/ URL:https://mozilla.github.io/server-side-tls/ssl-config-generator/</p>

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Medium 1024/tcp

Medium (CVSS: 4.3) NVT: SSH Weak Encryption Algorithms Supported
<p>Summary The remote SSH server is configured to allow weak encryption algorithms.</p>
<p>Vulnerability Detection Result The following weak client-to-server encryption algorithms are supported by the remote service: 3des-cbc aes128-cbc aes192-cbc aes256-cbc blowfish-cbc cast128-cbc The following weak server-to-client encryption algorithms are supported by the remote service: 3des-cbc aes128-cbc aes192-cbc aes256-cbc</p>
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blowfish-cbc cast128-cbc
Solution Solution type: Mitigation Disable the weak encryption algorithms.
Vulnerability Insight The 'arcfour' cipher is the Arcfour stream cipher with 128-bit keys. The Arcfour cipher is believed to be compatible with the RC4 cipher [SCHNEIER]. Arcfour (and RC4) has problems with weak keys, and should not be used anymore. The 'none' algorithm specifies that no encryption is to be done. Note that this method provides no confidentiality protection, and it is NOT RECOMMENDED to use it. A vulnerability exists in SSH messages that employ CBC mode that may allow an attacker to recover plaintext from a block of ciphertext.
Vulnerability Detection Method Check if remote ssh service supports Arcfour, none or CBC ciphers. Details: SSH Weak Encryption Algorithms Supported OID:1.3.6.1.4.1.25623.1.0.105611 Version used: \$Revision: 13581 \$
References Other: URL: https://tools.ietf.org/html/rfc4253#section-6.3 URL: https://www.kb.cert.org/vuls/id/958563

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Low general/tcp

Low (CVSS: 2.6) NVT: TCP timestamps
Summary The remote host implements TCP timestamps and therefore allows to compute the uptime.
Vulnerability Detection Result It was detected that the host implements RFC1323. The following timestamps were retrieved with a delay of 1 seconds in-between: Packet 1: 1410002623 Packet 2: 1410003741
Impact A side effect of this feature is that the uptime of the remote host can sometimes be computed.
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Solution**Solution type:** 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.

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.

Affected Software/OS

TCP/IPv4 implementations that implement RFC1323.

Vulnerability Insight

The remote host implements TCP timestamps, as defined by RFC1323.

Vulnerability Detection Method

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

OID:1.3.6.1.4.1.25623.1.0.80091

Version used: \$Revision: 14310 \$

References**Other:**

URL:<http://www.ietf.org/rfc/rfc1323.txt>

URL:<http://www.microsoft.com/en-us/download/details.aspx?id=9152>

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