Network Vulnerability Scan with OpenVAS Report (Light)

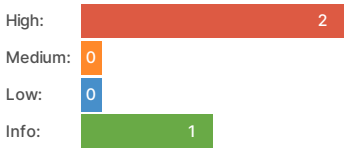
✔ **www.ncs.net.vn**

Summary

Overall risk level:

High

Risk ratings:



Scan information:

Start time:	2021-09-02 13:05:08 UTC+03
Finish time:	2021-09-02 13:05:30 UTC+03
Scan duration:	22 sec
Tests performed:	3/3
Scan status:	Finished

Findings

Vulnerabilities found for Apache Httpd 2.4.10 (port 80/tcp)

Risk level	CVSS	CVE	Summary	Exploit
●	7.5	CVE-2017-3167	In Apache httpd 2.2.x before 2.2.33 and 2.4.x before 2.4.26, use of the ap_get_basic_auth_pw() by third-party modules outside of the authentication phase may lead to authentication requirements being bypassed.	N/A
●	7.5	CVE-2017-3169	In Apache httpd 2.2.x before 2.2.33 and 2.4.x before 2.4.26, mod_ssl may dereference a NULL pointer when third-party modules call ap_hook_process_connection() during an HTTP request to an HTTPS port.	N/A
●	7.5	CVE-2017-7668	The HTTP strict parsing changes added in Apache httpd 2.2.32 and 2.4.24 introduced a bug in token list parsing, which allows ap_find_token() to search past the end of its input string. By maliciously crafting a sequence of request headers, an attacker may be able to cause a segmentation fault, or to force ap_find_token() to return an incorrect value.	N/A
●	7.5	CVE-2017-7679	In Apache httpd 2.2.x before 2.2.33 and 2.4.x before 2.4.26, mod_mime can read one byte past the end of a buffer when sending a malicious Content-Type response header.	N/A
●	7.5	CVE-2021-26691	In Apache HTTP Server versions 2.4.0 to 2.4.46 a specially crafted SessionHeader sent by an origin server could cause a heap overflow	N/A

	6.8	CVE-2017-15715	In Apache httpd 2.4.0 to 2.4.29, the expression specified in could match '$' to a newline character in a malicious filename, rather than matching only the end of the filename. This could be exploited in environments where uploads of some files are are externally blocked, but only by matching the trailing portion of the filename.	N/A
	6.8	CVE-2018-1312	In Apache httpd 2.2.0 to 2.4.29, when generating an HTTP Digest authentication challenge, the nonce sent to prevent reply attacks was not correctly generated using a pseudo-random seed. In a cluster of servers using a common Digest authentication configuration, HTTP requests could be replayed across servers by an attacker without detection.	N/A
	6.8	CVE-2020-35452	Apache HTTP Server versions 2.4.0 to 2.4.46 A specially crafted Digest nonce can cause a stack overflow in mod_auth_digest. There is no report of this overflow being exploitable, nor the Apache HTTP Server team could create one, though some particular compiler and/or compilation option might make it possible, with limited consequences anyway due to the size (a single byte) and the value (zero byte) of the overflow	N/A
	6.4	CVE-2017-9788	In Apache httpd before 2.2.34 and 2.4.x before 2.4.27, the value placeholder in [Proxy-]Authorization headers of type 'Digest' was not initialized or reset before or between successive key=value assignments by mod_auth_digest. Providing an initial key with no '=' assignment could reflect the stale value of uninitialized pool memory used by the prior request, leading to leakage of potentially confidential information, and a segfault in other cases resulting in denial of service.	N/A
	6	CVE-2019-0217	In Apache HTTP Server 2.4 release 2.4.38 and prior, a race condition in mod_auth_digest when running in a threaded server could allow a user with valid credentials to authenticate using another username, bypassing configured access control restrictions.	N/A

Details

Risk description:
These vulnerabilities expose the affected applications to the risk of unauthorized access to confidential data and possibly to denial of service attacks. An attacker could search for an appropriate exploit (or create one himself) for any of these vulnerabilities and use it to attack the system.

Notes:
- The vulnerabilities are identified based on the server's version information
- Only the highest risk 10 vulnerabilities are shown for each port.

Recommendation:
We recommend you to upgrade the affected software to the latest version in order to eliminate the risk of these vulnerabilities.

Vulnerabilities found for Apache Httpd 2.4.10 (port 443/tcp)

Risk level	CVSS	CVE	Summary	Exploit
	7.5	CVE-2017-3167	In Apache httpd 2.2.x before 2.2.33 and 2.4.x before 2.4.26, use of the ap_get_basic_auth_pw() by third-party modules outside of the authentication phase may lead to authentication requirements being bypassed.	N/A
	7.5	CVE-2017-3169	In Apache httpd 2.2.x before 2.2.33 and 2.4.x before 2.4.26, mod_ssl may dereference a NULL pointer when third-party modules call ap_hook_process_connection() during an HTTP request to an HTTPS port.	N/A
	7.5	CVE-2017-7668	The HTTP strict parsing changes added in Apache httpd 2.2.32 and 2.4.24 introduced a bug in token list parsing, which allows ap_find_token() to search past the end of its input string. By maliciously crafting a sequence of request headers, an attacker may be able to cause a segmentation fault, or to force ap_find_token() to return an incorrect value.	N/A
	7.5	CVE-2017-7679	In Apache httpd 2.2.x before 2.2.33 and 2.4.x before 2.4.26, mod_mime can read one byte past the end of a buffer when sending a malicious Content-Type response header.	N/A
	7.5	CVE-2021-26691	In Apache HTTP Server versions 2.4.0 to 2.4.46 a specially crafted SessionHeader sent by an origin server could cause a heap overflow	N/A
	6.8	CVE-2017-15715	In Apache httpd 2.4.0 to 2.4.29, the expression specified in could match '$' to a newline character in a malicious filename, rather than matching only the end of the filename. This could be exploited in environments where uploads of some files are are externally blocked, but only by matching the trailing portion of the filename.	N/A

●	6.8	CVE-2018-1312	In Apache httpd 2.2.0 to 2.4.29, when generating an HTTP Digest authentication challenge, the nonce sent to prevent reply attacks was not correctly generated using a pseudo-random seed. In a cluster of servers using a common Digest authentication configuration, HTTP requests could be replayed across servers by an attacker without detection.	N/A
●	6.8	CVE-2020-35452	Apache HTTP Server versions 2.4.0 to 2.4.46 A specially crafted Digest nonce can cause a stack overflow in mod_auth_digest. There is no report of this overflow being exploitable, nor the Apache HTTP Server team could create one, though some particular compiler and/or compilation option might make it possible, with limited consequences anyway due to the size (a single byte) and the value (zero byte) of the overflow	N/A
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●	6	CVE-2019-0217	In Apache HTTP Server 2.4 release 2.4.38 and prior, a race condition in mod_auth_digest when running in a threaded server could allow a user with valid credentials to authenticate using another username, bypassing configured access control restrictions.	N/A

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Risk description:
These vulnerabilities expose the affected applications to the risk of unauthorized access to confidential data and possibly to denial of service attacks. An attacker could search for an appropriate exploit (or create one himself) for any of these vulnerabilities and use it to attack the system.

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Recommendation:
We recommend you to upgrade the affected software to the latest version in order to eliminate the risk of these vulnerabilities.

The open ports found on the target host

Port	State	Service	Product	Product Version	Risk Level
80	open	http	Apache httpd	2.4.10	● HIGH
443	open	https	Apache httpd	2.4.10	● HIGH

Details

Risk description:
This is the list of ports that have been found open on the target hosts.
Having unnecessary open ports may expose the target systems to inutile risks because those network services and applications may contain vulnerabilities.

Recommendation:
We recommend reviewing the list of open ports and closing the ones which are not necessary for business purposes.

Scan coverage information

List of tests performed (3/3)

- ✔ Scanning for open ports...
- ✔ Scanning for vulnerabilities on port: 80 ...
- ✔ Scanning for vulnerabilities on port: 443 ...

Scan parameters

Target:	www.ncs.net.vn
Scan type:	Light

Check alive:	False
Protocol type:	Tcp
Ports to scan:	Top 100 ports