

INTERNSHIPSTUDIO_PROJECT_SUBMISSION

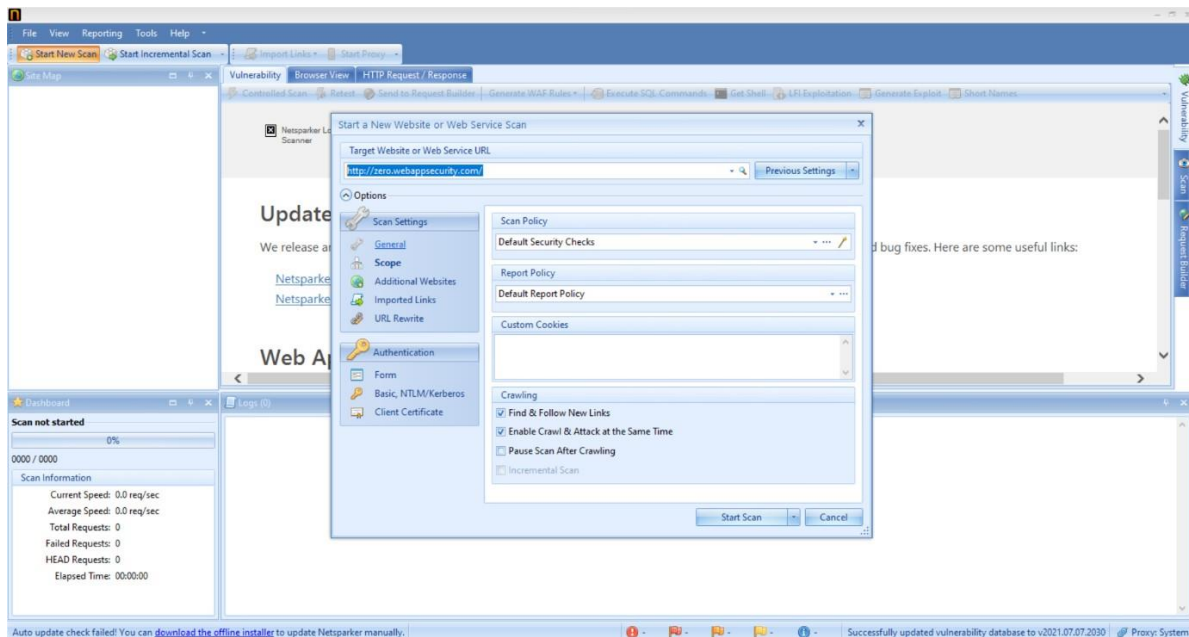
PROBLEM_STATEMENT

TASK-2:

<http://zero.webappsecurity.com/> We have set up a real life-like web application in the form of an online bank portal. Your task is to test this website and find all possible vulnerabilities and loopholes in it. To do so you can use the automatic vulnerabilities scanner “Net sparker” which was taught to you in the session of Automatic Vulnerability Scanner. If you want you can download it using this link:

<https://drive.google.com/drive/folders/193Ha6QVU9Joh-rhhOvH78HrTNO1OgaMx?usp=sharing>
You have to find 3 critical vulnerabilities. No matter if they are taught to you or not. Now just choose any 1 amongst that 3 and write a report in your own language. If you are using Net sparker you can use the report already generated by software but make sure you do not have to copy it. You have to then submit the report generated by you.

SOLUTION:



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zero.webappsecurity.com

Site Map

- Version Disclosure (Apache Coyote)
- Apache Web Server Identified
- [Possible] Phishing by Navigating Brown
- Missing X-Frame-Options Header
- Out-of-date Version (jQuery)
- Missing X-XSS Protection Header
- Content Security Policy (CSP) Not Impl
- Knowledge Base
- Out of Scope Links
- Scan Performance
- Crawling Performance
- Interesting Headers
- Web Pages With Inputs
- MIME Types
- Comments
- Slowest Pages

Dashboard

Crawling (1/3)...

0001 / 0018

Scan Information

- Current Speed: 0.4 req/sec
- Average Speed: 1.6 req/sec
- Total Requests: 29
- Failed Requests: 0
- HEAD Requests: 2
- Elapsed Time: 00:00:18

Starting to find hidden files and folders.
Starting to find and analyze static resources.
Finished analysing a static resource test.

Auto save finished successfully - 09-07-2021 15:48:29

Successfully updated vulnerability database to v2021.07.07.2030

Proxy: System

Activity

Method	URL	Time	Status
GET	http://zero.webappsecurity.com/feedback.html	1 s	Requesting
GET	http://zero.webappsecurity.com/index.html	1 s	Requesting
GET	http://zero.webappsecurity.com/login.html	1 s	Requesting
GET	http://zero.webappsecurity.com/online-banking.html	1 s	Requesting
GET	http://zero.webappsecurity.com/resources/	1 s	Requesting
GET	http://zero.webappsecurity.com/resources/css/	1 s	Requesting
GET	http://zero.webappsecurity.com/resources/css/bootstrap.min.css	1 s	Requesting
GET	http://zero.webappsecurity.com/resources/css/font-awesome.min.css	1 s	Requesting
GET	http://zero.webappsecurity.com/resources/css/main.css	1 s	Requesting
GET	http://zero.webappsecurity.com/resources/img/	1 s	Requesting
GET	http://zero.webappsecurity.com/resources/js/	1 s	Requesting
GET	http://zero.webappsecurity.com/resources/js/bootstrap.min.js	1 s	Requesting

zero.webappsecurity.com

Site Map

- bank
- [No parameters]
- OPTIONS Method Enabled
- Forgotten-password-send.html
- Out-of-date Version (Apache)
- Version Disclosure (Apache)
- Out-of-date Version (OpenSSL)
- Version Disclosure (OpenSSL)
- Version Disclosure (Apache Module)
- Default Page Detected (Apache)
- Version Disclosure (mod_ssl)
- sendFeedback.html
- cgi-bin
- Forbidden Resource
- Insecure Transportation Security Pro
- Insecure Transportation Security Pro
- Insecure Transportation Security Pro
- Weak Ciphers Enabled
- docs
- index.html
- Default Page Detected (Tomcat)

Dashboard

Crawling & Attacking (2/3)...

0327 / 15025

Scan Information

- Current Speed: 5.7 req/sec
- Average Speed: 6.0 req/sec
- Total Requests: 466
- Failed Requests: 5
- HEAD Requests: 33
- Elapsed Time: 00:01:17

Starting to find hidden files and folders.
Starting to find and analyze static resources.
Finished analysing a static resource test.

Auto save finished successfully - 09-07-2021 15:48:29

Successfully updated vulnerability database to v2021.07.07.2030

Proxy: System

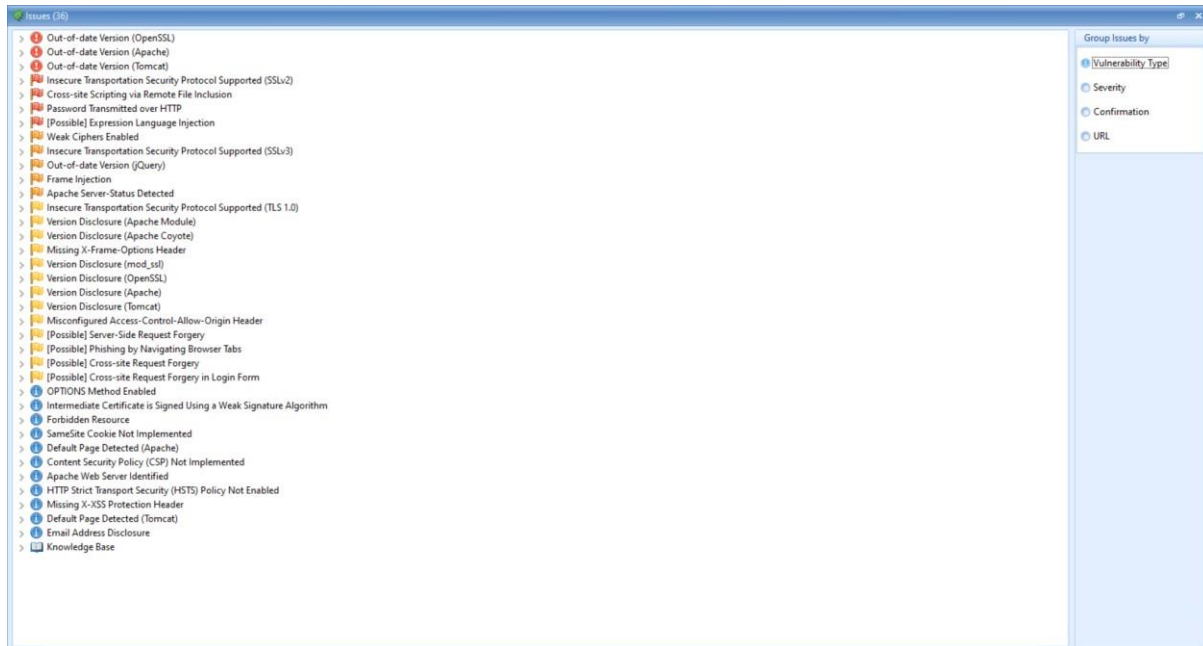
Activity

Method	URL	Time	Status
GET	http://zero.webappsecurity.com/docs/	1 s	Analyzing
GET	http://zero.webappsecurity.com/docs/appdev/	3 s	Requesting
GET	http://zero.webappsecurity.com/docs/appdev/index.html	3 s	Requesting
GET	http://zero.webappsecurity.com/docs/appdev/	1 s	Requesting
GET	http://zero.webappsecurity.com/docs/index.html	3 s	Requesting
GET	http://zero.webappsecurity.com/docs/introduction.html	3 s	Requesting
GET	http://zero.webappsecurity.com/docs/jasper-howto.html	1 s	Requesting
GET	http://zero.webappsecurity.com/docs/jndi-datasource-exampl...	1 s	Requesting
GET	http://zero.webappsecurity.com/docs/jndi-resources-howto...	1 s	Requesting
GET	http://zero.webappsecurity.com/docs/security-manager-howto...	1 s	Requesting
GET	http://zero.webappsecurity.com/resources/js/bootstrap.min.js	28 s	Requesting

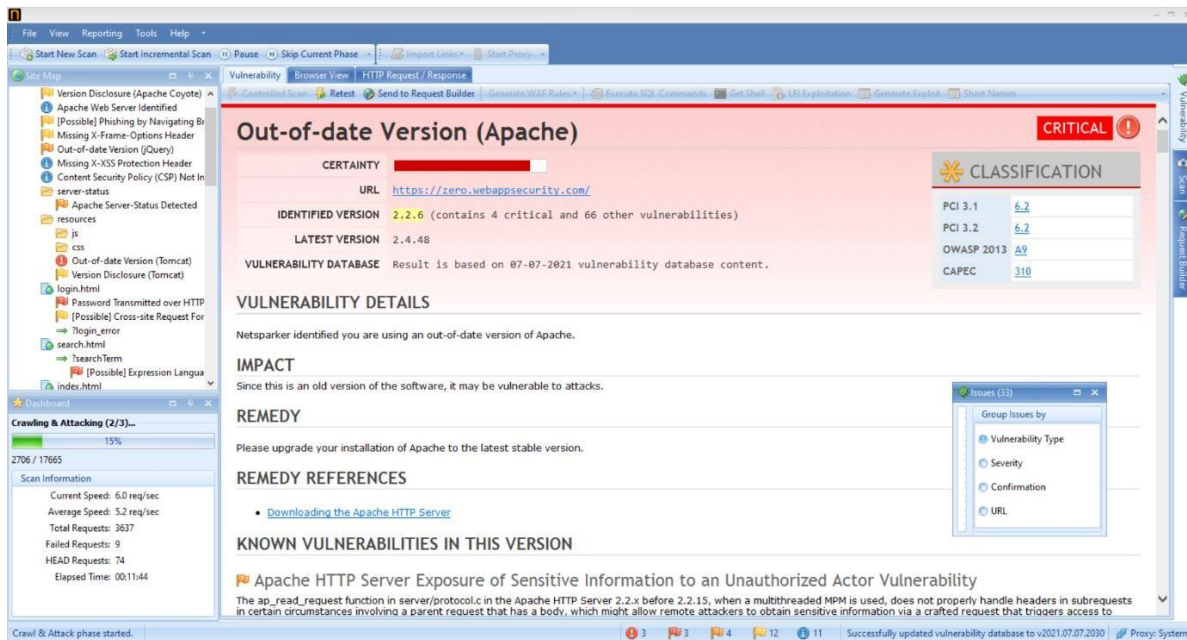
Attacking (24)

Method	URL	Time	Status
GET	http://zero.webappsecurity.com/	27 s	[29/29] Code Eval...
GET	http://zero.webappsecurity.com/	17 s	[4/29] Cross-site S...
GET	http://zero.webappsecurity.com/	9 s	[13/29] Web App ...
GET	http://zero.webappsecurity.com/resources/	15 s	[29/29] Code Eval...
GET	http://zero.webappsecurity.com/resources/css/	1 s	[7/29] Local File In...
GET	http://zero.webappsecurity.com/resources/css/	1 s	[8/29] Remote File...
GET	http://zero.webappsecurity.com/resources/css/	1 s	[14/29] Cross-site S...
GET	http://zero.webappsecurity.com/resources/img/	16 s	[11/29] Open Red...
GET	http://zero.webappsecurity.com/resources/img/	16 s	[10/29] HTTP Hea...
GET	http://zero.webappsecurity.com/resources/img/	12 s	[7/29] Local File In...
GET	http://zero.webappsecurity.com/resources/img/	2 s	[18/29] XML Ester...
GET	http://zero.webappsecurity.com/resources/img/	1 s	[28/29] Remote Fil...
GET	http://zero.webappsecurity.com/resources/img/	1 s	[27/29] Cross-site...
GET	http://zero.webappsecurity.com/resources/img/	1 s	[26/29] XML Ester...
GET	http://zero.webappsecurity.com/resources/img/	1 s	[29/29] Code Eval...

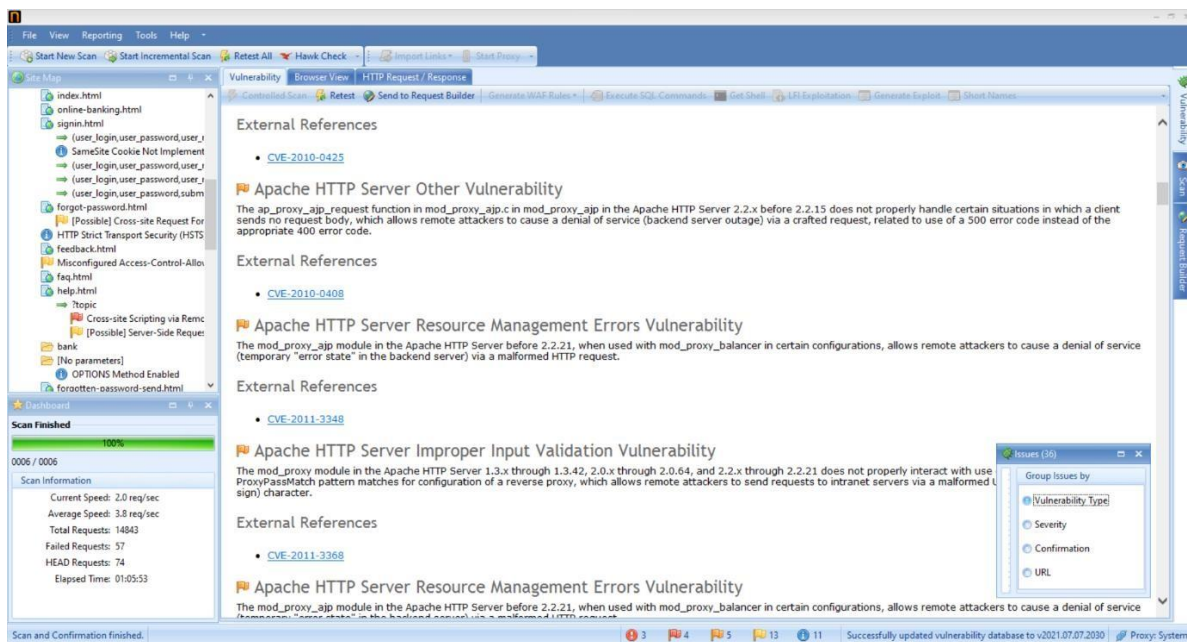
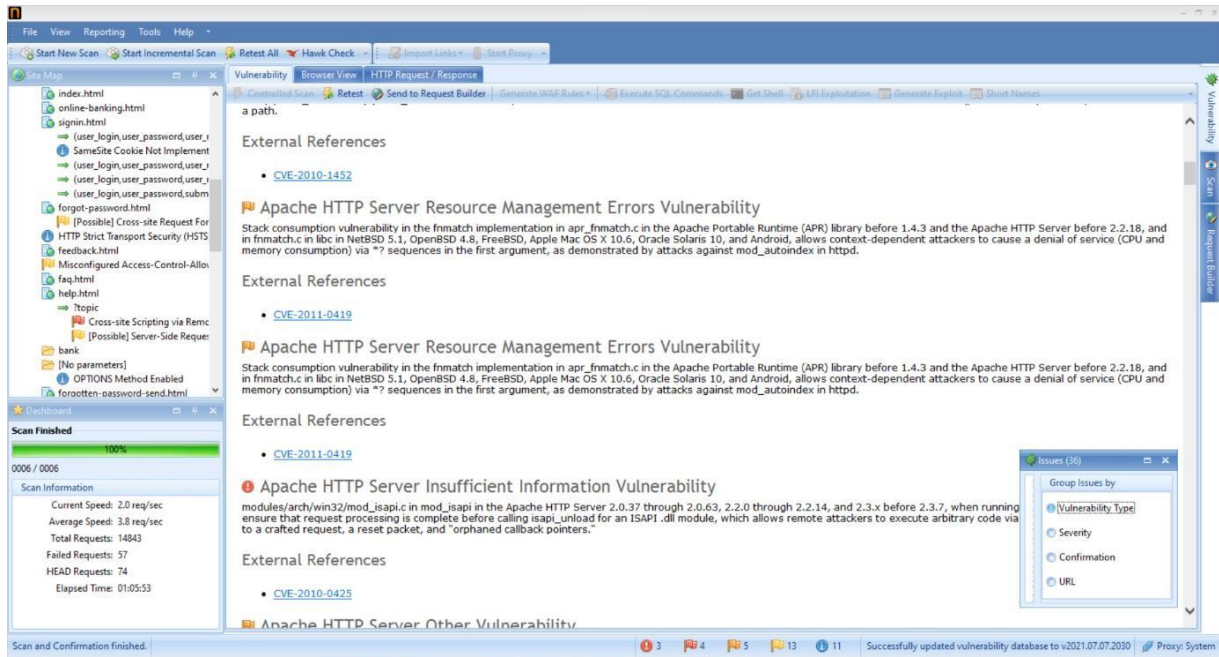
INTERNSHIPSTUDIO_PROJECT_SUBMISSION



REPORT GENERATED BY NETSPARKER:



INTERNSHIPSTUDIO_PROJECT_SUBMISSION



MY REPORT:

Title -Out-Of-Date Version(Apache)

Domain - <https://zero.webappsecurity.com/>

Vulnerability details: You are using out of date version of Apache.

Impact -it may be vulnerable to attacks because of its old version(version 2.6)

1. your systems/devices will be more vulnerable to random ware attacks,malware and data breaches.
2. Some times it might be the back door for your systems/devices/servers for hackers .
3. Hackers can steal yours user details because of its vulnerability.

Remedy: - found that latest version:**2.4.48**

Please Upgrade your Apache to latest version of Apache otherwise you will face above mention problems.

******update to latest version and secure your website from hackers.******