Индивидуальный проект. Этап №4

Использование nikto

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Информация

Докладчик

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KOMPLET

Вводная часть

Цели и задачи

Цель работы:

На практике попробовать использовать сканер безопасности веб-сервера nikto.

Задачи:

- Создать файл-отчёт уязвимостей веб-сервера
- Проанализировать отчёт

Инструмент: VirtualBox

Выполнение лабораторной работы

Nikto установлен

Проверка установки nikto

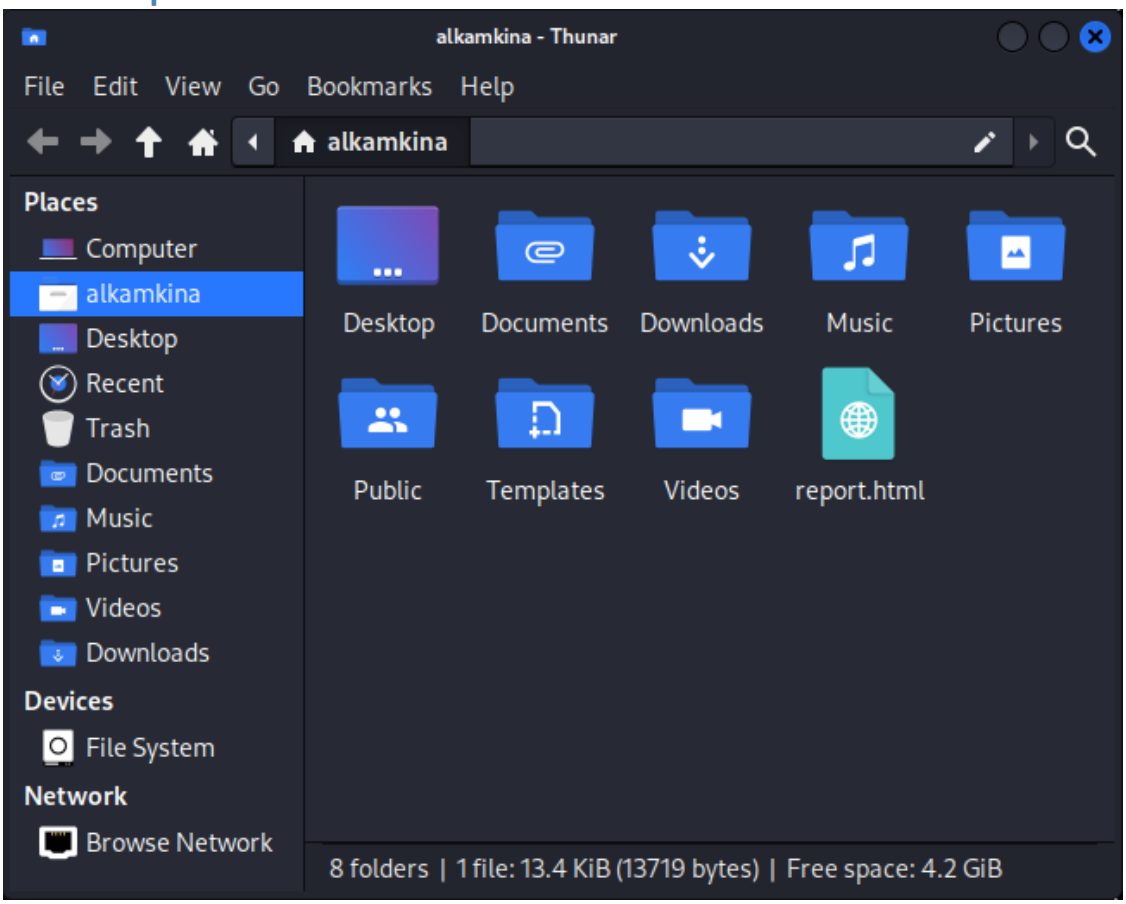
Запуск анализа

```
┌──(alkamkina㉿alkamkina)-[~]
└─$ nikto -h http://localhost/DVWA/ -o report.html -Format htm
- Nikto v2.5.0
---------------------------------------------------------------------------
+ Target IP:          127.0.0.1
+ Target Hostname:    localhost
+ Target Port:        80
+ Start Time:         2024-10-04 18:55:24 (GMT3)
---------------------------------------------------------------------------
+ Server: Apache/2.4.62 (Debian)
+ /DVWA/: The anti-clickjacking X-Frame-Options header is not present. See: https://develope
mozilla.org/en-US/docs/Web/HTTP/Headers/X-Frame-Options
+ /DVWA/: The X-Content-Type-Options header is not set. This could allow the user agent to r
der the content of the site in a different fashion to the MIME type. See: https://www.netspa
er.com/web-vulnerability-scanner/vulnerabilities/missing-content-type-header/
+ Root page /DVWA redirects to: login.php
+ No CGI Directories found (use '-C all' to force check all possible dirs)
+ OPTIONS: Allowed HTTP Methods: GET, POST, OPTIONS, HEAD .
+ /DVWA/config/: Directory indexing found.
+ /DVWA/config/: Configuration information may be available remotely.
+ /DVWA/tests/: Directory indexing found.
+ /DVWA/tests/: This might be interesting.
+ /DVWA/database/: Directory indexing found.
+ /DVWA/database/: Database directory found.
+ /DVWA/docs/: Directory indexing found.
+ /DVWA/login.php: Admin login page/section found.
+ /DVWA/.git/index: Git Index file may contain directory listing information.
+ /DVWA/.git/HEAD: Git HEAD file found. Full repo details may be present.
+ /DVWA/.git/config: Git config file found. Infos about repo details may be present.
+ /DVWA/.gitignore: .gitignore file found. It is possible to grasp the directory structure.
+ /DVWA/.dockerignore: .dockerignore file found. It may be possible to grasp the directory s
ucture and learn more about the site.
+ 7850 requests: 0 error(s) and 16 item(s) reported on remote host
+ End Time:           2024-10-04 18:55:41 (GMT3) (17 seconds)
---------------------------------------------------------------------------
+ 1 host(s) tested


      ****************************************************************
      Portions of the server's headers (Apache/2.4.62) are not in
      the Nikto 2.5.0 database or are newer than the known string. Would you like
      to submit this information (*no server specific data*) to CIRT.net
      for a Nikto update (or you may email to sullo@cirt.net) (y/n)? n
```

Запуск анализа

Файл сохранен



Расположение файла

Анализ уязвимостей

HTTP Method	GET
Description	/DVWA/login.php: Admin login page/section found.
Test Links	http://localhost:80/DVWA/login.php http://127.0.0.1:80/DVWA/login.php
References	

URI	/DVWA/.git/index
HTTP Method	GET
Description	/DVWA/.git/index: Git Index file may contain directory listing information.
Test Links	http://localhost:80/DVWA/.git/index http://127.0.0.1:80/DVWA/.git/index
References	

URI	/DVWA/.git/HEAD
HTTP Method	GET
Description	/DVWA/.git/HEAD: Git HEAD file found. Full repo details may be present.
Test Links	http://localhost:80/DVWA/.git/HEAD http://127.0.0.1:80/DVWA/.git/HEAD
References	

URI	/DVWA/.git/config
HTTP Method	GET
Description	/DVWA/.git/config: Git config file found. Infos about repo details may be present.
Test Links	http://localhost:80/DVWA/.git/config http://127.0.0.1:80/DVWA/.git/config
References	

URI	/DVWA/.gitignore
HTTP Method	GET
Description	/DVWA/.gitignore: .gitignore file found. It is possible to grasp the directory structure.
Test Links	http://localhost:80/DVWA/.gitignore http://127.0.0.1:80/DVWA/.gitignore
References	

URI	/DVWA/.dockerignore
HTTP Method	GET
Description	/DVWA/.dockerignore: .dockerignore file found. It may be possible to grasp the directory structure and learn more about the site.
Test Links	http://localhost:80/DVWA/.dockerignore http://127.0.0.1:80/DVWA/.dockerignore
References	

Host Summary	
Start Time	2024-10-04 18:55:24
End Time	2024-10-04 18:55:41
Elapsed Time	17 seconds
Statistics	7850 requests, 0 errors, 16 findings

Scan Summary	
Software Details	Nikto 2.5.0
CLI Options	-h http://localhost/DVWA/ -o report.html -Format htm
Hosts Tested	1
Start Time	Fri Oct 4 18:55:24 2024
End Time	Fri Oct 4 18:55:41 2024
Elapsed Time	17 seconds

Анализ уязвимостей

Заключение

Вывод

На практике посмотрели уязвимости веб-сервера.