Презентация по индивидуальному проекту №4

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Введение

Цель работы

- Воспользоваться утилитой nikto на DVWA для выявления проблем веб-приложения.

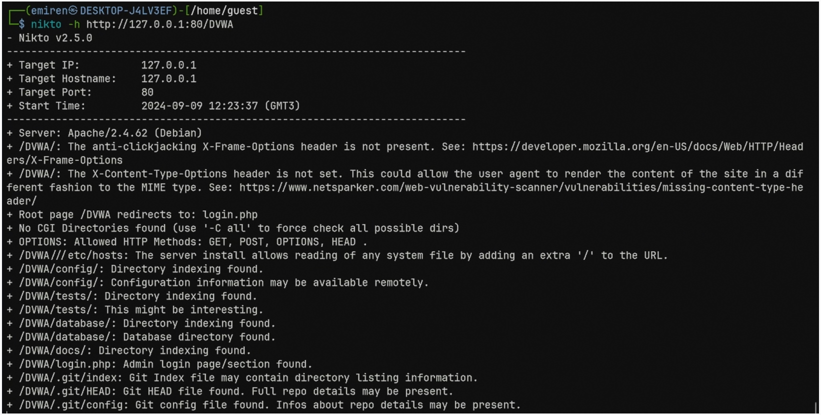
Выполнение работы

Выполнение работы

1. Ввели следующую команду

```
nikto -h http://localhost/DVWA/
```

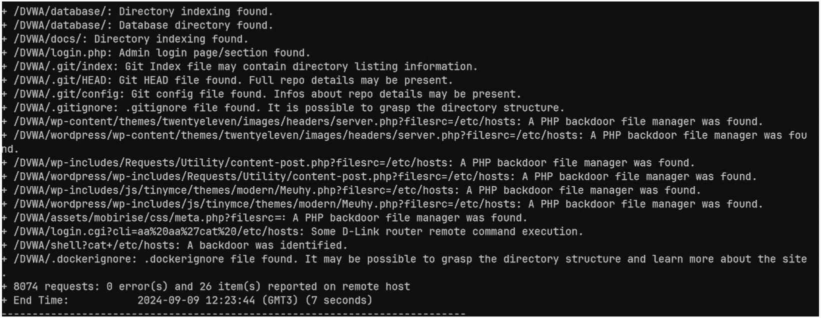
Запуск nikto



```
┌──(emiren㉿DESKTOP-J4LV3EF)-[/home/guest]
└─$ nikto -h http://127.0.0.1:80/DVWA
- Nikto v2.5.0
---------------------------------------------------------------------------
+ Target IP:          127.0.0.1
+ Target Hostname:    127.0.0.1
+ Target Port:        80
+ Start Time:         2024-09-09 12:23:37 (GMT3)
---------------------------------------------------------------------------
+ Server: Apache/2.4.62 (Debian)
+ /DVWA/: The anti-clickjacking X-Frame-Options header is not present. See: https://developer.mozilla.org/en-US/docs/Web/HTTP/Head
ers/X-Frame-Options
+ /DVWA/: The X-Content-Type-Options header is not set. This could allow the user agent to render the content of the site in a dif
ferent fashion to the MIME type. See: https://www.netsparker.com/web-vulnerability-scanner/vulnerabilities/missing-content-type-he
ader/
+ 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///etc/hosts: The server install allows reading of any system file by adding an extra '/' to the URL.
+ /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.
```

Figure 1: Запуск nikto на примере веб-приложения DVWA

Обнаружили множество уязвимостей у веб-приложения.



```
+ /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/wp-content/themes/twentyeleven/images/headers/server.php?filesrc=/etc/hosts: A PHP backdoor file manager was found.
+ /DVWA/wordpress/wp-content/themes/twentyeleven/images/headers/server.php?filesrc=/etc/hosts: A PHP backdoor file manager was fou
nd.
+ /DVWA/wp-includes/Requests/Utility/content-post.php?filesrc=/etc/hosts: A PHP backdoor file manager was found.
+ /DVWA/wordpress/wp-includes/Requests/Utility/content-post.php?filesrc=/etc/hosts: A PHP backdoor file manager was found.
+ /DVWA/wp-includes/js/tinymce/themes/modern/Meuhy.php?filesrc=/etc/hosts: A PHP backdoor file manager was found.
+ /DVWA/wordpress/wp-includes/js/tinymce/themes/modern/Meuhy.php?filesrc=/etc/hosts: A PHP backdoor file manager was found.
+ /DVWA/assets/mobirise/css/meta.php?filesrc=: A PHP backdoor file manager was found.
+ /DVWA/login.cgi?cli=aa%20aa%27cat%20/etc/hosts: Some D-Link router remote command execution.
+ /DVWA/shell?cat+/etc/hosts: A backdoor was identified.
+ /DVWA/.dockerignore: .dockerignore file found. It may be possible to grasp the directory structure and learn more about the site
.
+ 8074 requests: 0 error(s) and 26 item(s) reported on remote host
+ End Time:           2024-09-09 12:23:44 (GMT3) (7 seconds)
---------------------------------------------------------------------------
```

Figure 2: Уязвимости DVWA

Выводы

Выводы

Во время выполнения работы, мы получили практические навыки выявления уязвимостей с помощью утилиты nikto

Спасибо за вниманиие