Презентация по этапу №4

Основы информационной безопасности

Мишина Анастасия Алексеевна 25 апреля 2024

Докладчик

- Мишина Анастасия Алексеевна
- НПИбд-02-22

Цель работы

• Научиться использовать инструмент для сканирования на уязвимости nikto.

Выполнение работы

Справка

```
aamishina@aamishina: ~
File Actions Edit View Help
                         Whether to ask about submitting updates
                             ves Ask about each (default)
                              no Don't ask, don't send
                         Scan these CGI dirs: "none", "all", or values like "/cgi/ /cgi-a/"
                         Turn an/off display outputs:
                                   Show cookies received
                                   Show URLs which require authentication
                                   Scrub output of IPs and hostnames
                                   Premature URL ending
                                   Change the case of the URL
                                   Use Windows directory separator (\)
                                   Use binary value 0x0b as a request spacer
                              csv Comma-separated-value
                              ison JSON Format
                              htm HTML Format
                              nhe Nessus NRF format
                              sol Generic SQL (see docs for schema)
                              xml XML Format
```

Рис. 1: Справка по nikto

Веб-сайт

```
| Canadistation | Canadistatio
```

Рис. 2: Сканирование веб-сайта

Локальная сеть

```
* /: The anti-clickingking X-Frame-Ontions header is not present. See: https://developer.mozilla.org/en-US/docs/Meh/HTTP/Headers/X-Frame-Ontions
* /: The X-Content-Type-Options header is not set. This could allow the user agent to render the content of the site in a different fashion to the MIME type
e. See: https://www.netsparker.com/web-vulnerability-scanner/vulnerabilities/missing-content-type-header/
+ /: Server may leak inodes via FTags, header found with file /, inode: 29cd, size: 61289c971e228, mtime: gzip, See: http://cve.mitre.org/cgi-bin/cvename.c
gi?name=CVE-2003-1418
+ OPTIONS: Allowed HTTP Methods: GET, POST, OPTIONS, HEAD
* /server-status: This reveals apache information. Comment out appropriate line in the Apache conf file or restrict access to allowed sources. See: OSVDB-5
* /wp-content/themes/twentueleven/images/headers/server.nhn?filesrc-/etc/hosts: A DND hackdoor file manager was found.
/wp-includes/Requests/Utility/content-post.php?filesrc=/etc/hosts: A PHP backdoor file manager was found.
+ /wordpress/wp-includes/Requests/Utility/content-post,php?filesrc-/etc/hosts: A PHP backdoor file manager was found,
. /assets/mobirise/css/meta.php?filesrc=: A PHP backdoor file manager was found

    /login.cgi?cli=aa%20aa%27cat%20/etc/hosts: Some D-Link router remote command execution.

                     2824-84-25 19:15:58 (GMT1) (7 seconds)
     the Nikto 2.5.0 database or are newer than the known string. Would you like
```

Рис. 3: Сканирование локальной сети

Веб-приложение

```
Nikto v2.5.8
                       2824-84-25 19:16:51 (GMT1)
Server: Anache/2.4.58 (Dehian)
+ /DVMA/: The anti-clickiacking X-Frame-Options header is not present, See: https://developer.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 render the content of the site in a different fashion to the MIM
type. See: https://www.netsparker.com/web-vulnerability-scanner/vulnerabilities/missing-content-type-header/
Root page /DVWA redirects to: login_pho
+ 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.
+ /OVWA/config/: Configuration information may be available remotely.
+ /DVWA/tests/: Directory indexing found.
/DVWA/tests/: This might be interesting.
/DVWA/database/: Directory indexing found.
* /DVMA/docs/: Directory indexing found
+ /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
+ /DVMA/wp-content/themes/twentveleven/images/headers/server.php?filesrc=/etc/hosts: A PHP backdoor file manager was found
+ /OVWA/wordpress/wp-includes/Requests/Utility/sentent-post.php?filesrc=/etc/hosts: A PHP backdoor file manager was found.
+ /OVWA/wp-includes/is/tinymce/themes/modern/Meukov.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.
+ /OVMA/login.cg/2cli=aa%28aa%27cat%28/etc/hosts: Some D-Link router remote command execution.
* (DVWA) dockarignore: dockarignore file found. It may be possible to grash the directory structure and learn were about the site.
```

Рис. 4: Сканирование DVWA

Выводы

• В ходе выполнения данной лабораторной работы, я научилась использовать инструмент для сканирования на уязвимости nikto. Сканер nikto позволяет идентифицировать уязвимости веб-приложений, такие как раскрытие информации, удаленный поиск файлов (на уровне сервера), выполнение команд и идентификация ПО.