

## 4 этап индивидуального проекта

Основы информационной безопасности

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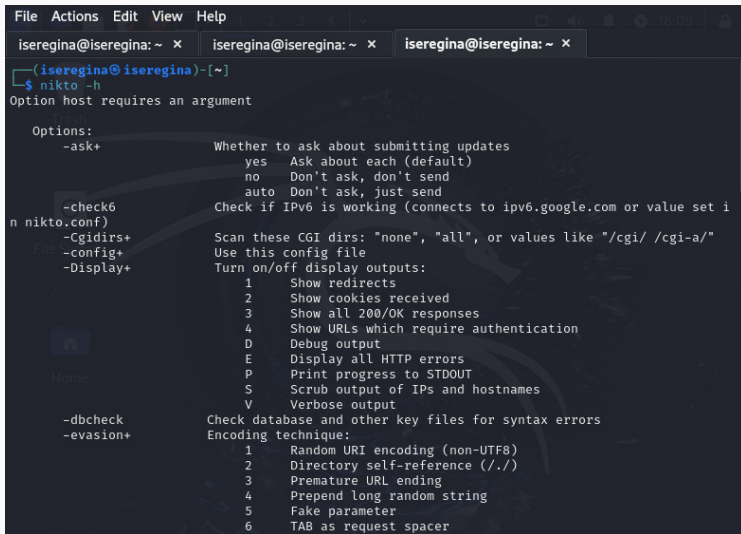
01 января 1970

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Знакомство со сканером безопасности nikto и его применение

Выполнение лабораторной работы

Для ознакомления вывожу справку командой `nikto -h` (рис. 1).

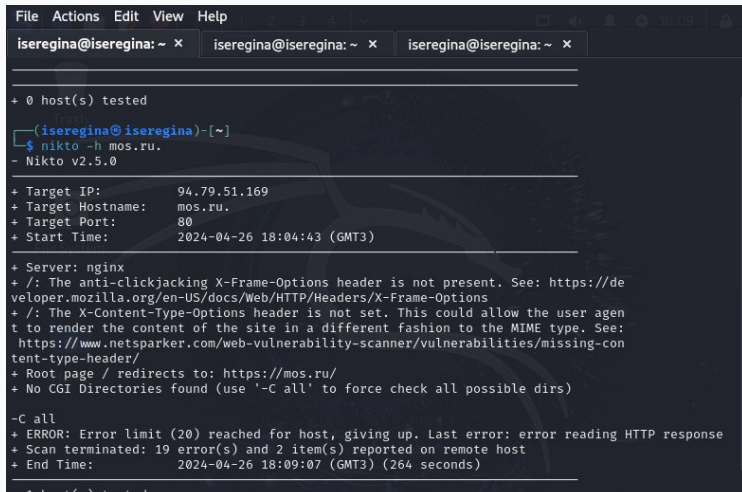


```
File Actions Edit View Help
iseregina@iseregina: ~ x iseregina@iseregina: ~ x iseregina@iseregina: ~ x
(iseregina@iseregina)-[~]
$ nikto -h
Option host requires an argument

Options:
  -ask+          Whether to ask about submitting updates
                  yes   Ask about each (default)
                  no   Don't ask, don't send
                  auto  Don't ask, just send
  -check6        Check if IPv6 is working (connects to ipv6.google.com or value set i
n nikto.conf)
  -Cgidirs+       Scan these CGI dirs: "none", "all", or values like "/cgi/ /cgi-a/"
  -config+       Use this config file
  -Display+      Turn on/off display outputs:
                  1     Show redirects
                  2     Show cookies received
                  3     Show all 200/OK responses
                  4     Show URLs which require authentication
                  D     Debug output
                  E     Display all HTTP errors
                  P     Print progress to STDOUT
                  S     Scrub output of IPs and hostnames
                  V     Verbose output
  -dbcheck        Check database and other key files for syntax errors
  -evasion+       Encoding technique:
                  1     Random URI encoding (non-UTF8)
                  2     Directory self-reference (../)
                  3     Premature URL ending
                  4     Prepend long random string
                  5     Fake parameter
                  6     TAB as request spacer
```

2.

В качестве примера применения я решила просканировать сайт мэра москвы mos.ru с помощью команды nikto -h mos.ru. (рис. 2).



```
File Actions Edit View Help
iseregina@iseregina: ~ x iseregina@iseregina: ~ x iseregina@iseregina: ~ x

+ 0 host(s) tested
+ Target:
+ (iseregina@ iseregina)-[~]
$ nikto -h mos.ru.
- Nikto v2.5.0

+ Target IP: 94.79.51.169
+ Target Hostname: mos.ru.
+ Target Port: 80
+ Start Time: 2024-04-26 18:04:43 (GMT3)

+ Server: nginx
+ /: The anti-clickjacking X-Frame-Options header is not present. See: https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/X-Frame-Options
+ /: 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. See: https://www.netsparker.com/web-vulnerability-scanner/vulnerabilities/missing-content-type-header/
+ Root page / redirects to: https://mos.ru/
+ No CGI Directories found (use '-C all' to force check all possible dirs)

-C all
+ ERROR: Error limit (20) reached for host, giving up. Last error: error reading HTTP response
+ Scan terminated: 19 error(s) and 2 item(s) reported on remote host
+ End Time: 2024-04-26 18:09:07 (GMT3) (264 seconds)
```

Я ознакомилась со сканером безопасности nikto и научилась его применять.

Спасибо за внимание!