

الجدران النارية وفوائدها

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الجدران النارية Firewall فوائدها
وطرق عملها (Windows XP Firewall)

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الجدار الناري Firewall



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.()



. !
()
()

. ()



(" bugs ")
. (**Exploit**)

.

. (**Patch**)

)

(

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Firewall

Firewall

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Zone alarm

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Internet Connection Firewall - ICF

ICF

DSL

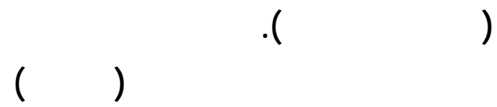
.

.

Gateway Devices



Firewalls



- :Filter .1**
- :Proxy .2**
- :FILTER&PROXY .3**

ICF

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.

.

.Software

IP

Hardware

IP Address

IP Address

FIREWALL

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.

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.

.

T1

DSL

(IP)

DDoS

DRDoS

Intrusion Detection

System IDS



Trojans .1

.2

Denial of service .3

.4

.5

(ActiveX) .6

.7

.8

.9

.10

.11

Sniffer .12

: XP :

: () XP

Stealth -1

-2

-3

() -4

-5

XP -6

/http://www.grc.com -7

:Stealth

Chasing

PING

open ports

& Hunting

IPs

Trojans

PING

.Chasing & Hunting

Stealth

XP

F18

XP

Stealth

XP Home

XP

Pings

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Microsoft Windows XP

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XP

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Stealth

: (

XP

outbound connections

XP

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XP

:

!

[REDACTED]

. .1
. .2

.
: .3

[REDACTED] (ICF)
[REDACTED]

[REDACTED]
[REDACTED]

[REDACTED]

XP

.
.

[REDACTED]

. .1
. .2

. .3

pfirewall.log

pfirewall.log

.4



(ICF)

- .1
- .2
- .3
- .4
- .5
- .6



IP

XP

Stealth

(ICF)

: ICF

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.1

.

.2

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.ICF

(ICMP)

Tracert Ping

Internet Explorer

W3C Extended Log File Format

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ICF

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:

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:

.1

xyz123

6

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:

.2

cache

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history

:

.3

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:cookies

.4

Cookie Crusher Cookie Pal :

ActiveX

spammers

.5

instant messaging

.

online

anonymous ID .6

login

DSL .7

firewall

.8

.9

.10

Update

.11

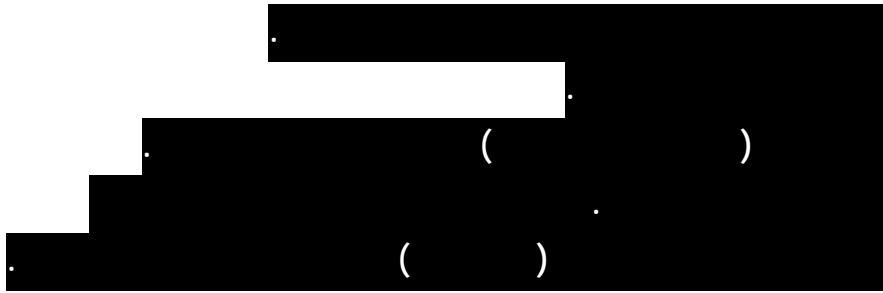
()

()

.12

(Notebook)

:



-
-
-
-
-

: .13

) : .14

.(

regedit .15

"NeverShowExt"
(LNK.)

() : .16

() Update

.17

	:		.18
		.	
ActiveX,	:	Scripting	.19
		.HTML	
		Java And JavaScript	
		.	
.	:	Backup	.20
		. backup	
		.	
(Floppy disk)		boot disk	.21
		.	
.		.	

Next topic: (viruses and Electronic Security on the internet)

.(*) *

Hack_1Killer /

Bill_Gaties@hotmail.com

Dr.BillGaties@Gmail.com

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Microsoft
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Microsoft
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Systems Engineer