

ASEC

Annual Report

2003

ASEC Report 2003. 12

(AhnLab Security E-response Center)

가

ASEC Annual Report ( )

ASEC

2003

Ahn AhnLab

Ah AhnLab



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Abn



## 2003

: (jsjung@ahnlab.com)

### 1. 2003

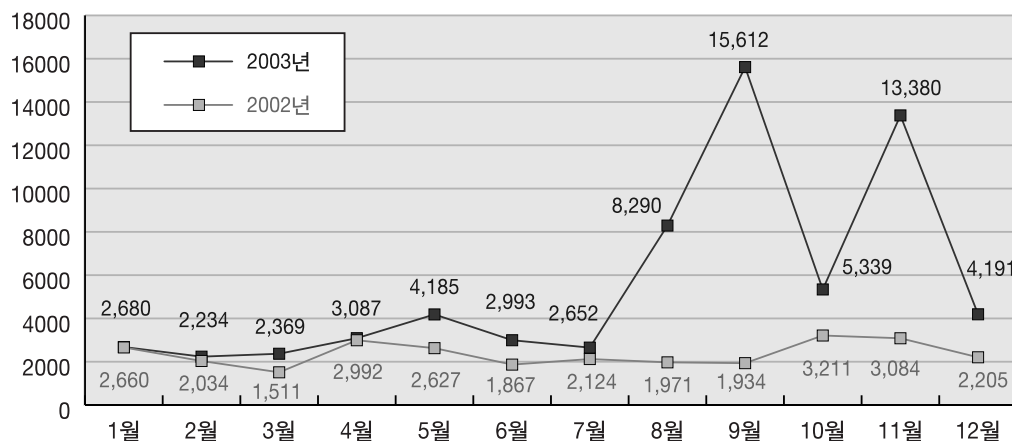
2003년 1월 1일부터 12월 31일까지 발생한 SQL\_Overflow ( ) 8건 (Win32/Blaster.worm.6176) , F(Win32/Sobig.worm.F) .  
 [ 1 ] .

	1	2	3	4	5	6	7	8	9	10	11	12
2002	2660	2034	1511	2992	2627	1867	2124	1971	1934	3211	3084	2205
2003	2680	2234	2369	3087	4185	2993	2652	8290	15612	5339	13380	4191

[ 1 ] 2002, 2003 (2003년 12월 10일 )

[ 1 ] 2003년 67,012건 142% 증가  
 [ 1 ] 가

피해건수



[ 1 ] 2002, 2003

가 가  
 1 SQL\_Overflow, 5 (Win32/LovGate.worm.  
 107008), 8 (Win32/Blaster.worm.6176) , F(Win32/Sobig.  
 worm.F) , (Win32/Dumaru.worm.9234) , (Win32/Mimail.worm)

## 2. Top 20

2002  
 [ 2], [ 3]

Win32/Klez.worm.H	4,650
Win32/Nimda	4,400
Win32/FunLove.4099	3,637
Win32/Opasoft.worm.28672	994
Win95/Spaces.1445	850
Win32/Elkern.B	838
Win32/Nimda.B	719
Win32/Winevar.worm	584
Win32/Weird	509
Win95/CIH	493
Win32/Yaha.worm.27648	471
I-Worm/Wininit	417
Win32/Nimda.eml.79225	402
Win32/Parite.B	388
Win32/Opasoft.worm.24064	370
Win32/Datom.worm.54784	330
Win32/Nimda.B.eml.79232	328
Win32/Gop.worm.60313	288
Win32/Sircam.worm	285
Win32/Opasoft.worm.28672.B	260

[ 2]2002 Top20

Top 20

Win32/Sobig.worm.F	14,949
Win32/Dumaru.worm.9234	14,741
Win32/Blaster.worm.6176	4,901
Win32/Yaha.worm.45568.B	4,732
Win32/LovGate.worm.107008	1,571
Win32/Parite	1,174
Win32/Parite.B	1,000
Win32/FunLove.4099	899
Win32/Welchia.worm.10240	819
Win32/Valla.2048	803
JS/Fortnight	728
Win95/Spaces.1445	725
Win32/Klez.worm.H	682
MIRC/Stde9	608
Win32/Yaha.worm.27648	544
HTML/Redlof	538
Win32/Nimda	499
Win32/Opasoft.worm.28672	489
Win32/Elkern.B	443
Win32/Yaha.worm.45568	436

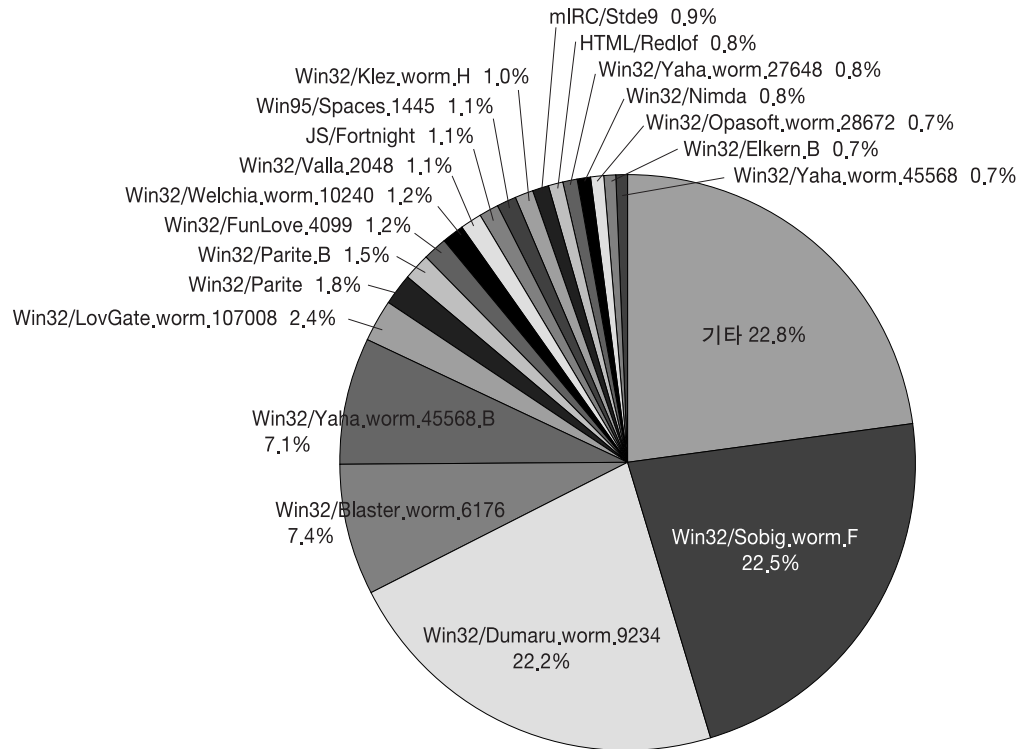
[ 3] 2003 Top 20  
 \* 2003 2003 12 10

[ 1] 가 가 가

[ 3] Top 5

- Win32/Sobig.worm.F
- Win32/Dumaru.worm.9234
- Win32/Blaster.worm.6176
- Win32/Yaha.worm.45568.B
- Win32/LovGate.worm.107008

1, 2 44% 2003 3 가 8 가 , , 가 가 8 가 . [ 3] Top 20 [ 2] .



[ 2] 2003 Top 20

[ 2] 가 . 5 4 (Mass Mailer)

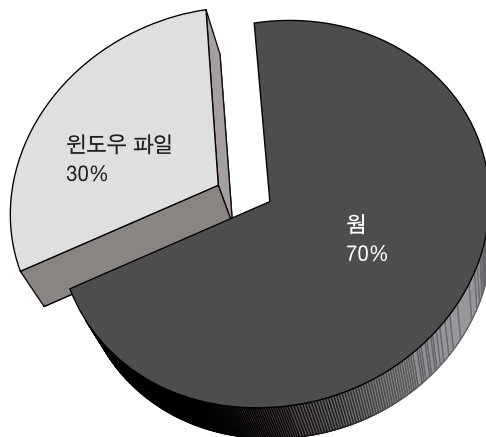
SQL\_Overflow  
NT

가 .

2002 , 2003 Top 20

2002 , 2003 Top 20

[ 3],[ 4] .

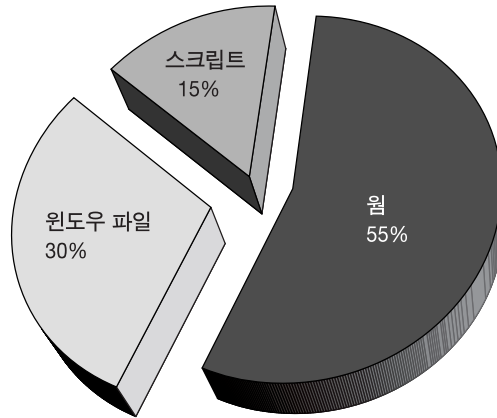


[ 3] 2002 Top 20

2002

Win32  
Mass Mailer  
(Win32/Nimda),  
(Win32/Opasoft.worm)

9x NetBIOS  
H(Win32/Klez.worm.H) 2001  
9x



[ 4]2003 Top 20

2003  
(JS/Fortnight)

가  
(HTML/Redlof)

가

가

2002 , 2003

Top 20

2003

2002 2003

Top 20

[ 5], [ 6]

가

가

가

가

-

- ( )

- (NetBIOS)

-

NetBIOS

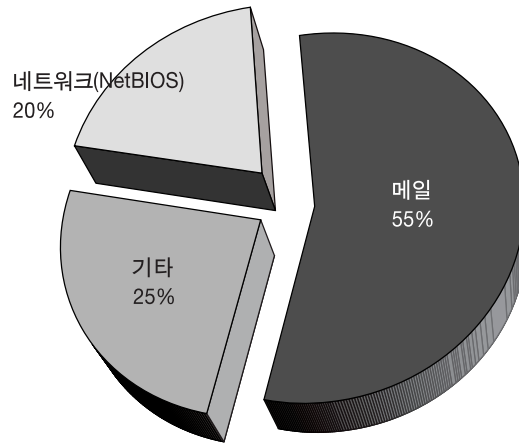
2003

(

)

가

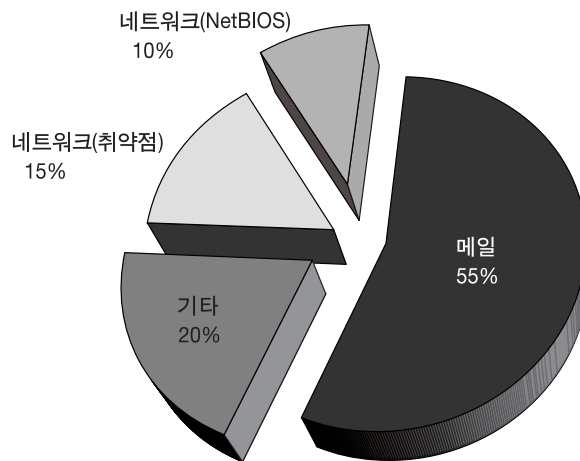




[ 5]2002 Top 20

[ 5] 2002 가 가

, B(Win32/Elkren.B), B(Win32/Parite.B) 가 2003



[ 6]2003 Top 20

2003

가 . 8 RPC

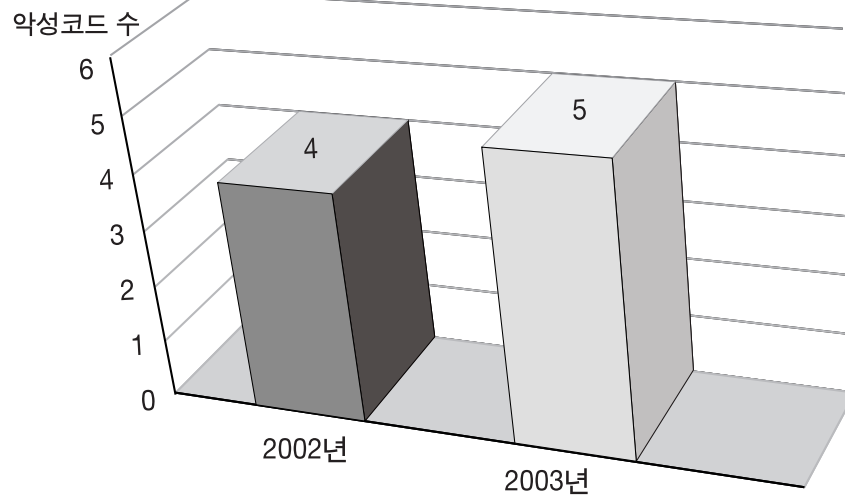
DCOM

(null session)

가  
가 Dropper/MircPack  
Win32/Valla.2048, Win32/Parite B

TCP

2002 2003 Top 20 가 가



[ 7] 2002 , 2003 가

[ 7] 2002 Top 20 20% , 2003 25% 가

가 가 가 가 가 가

- (SMTP, MAPI )
- ( )
- ( , )
- ( , MSN, Yahoo Messenger )
- P2P ( P2P )

2002 , 2003

2002

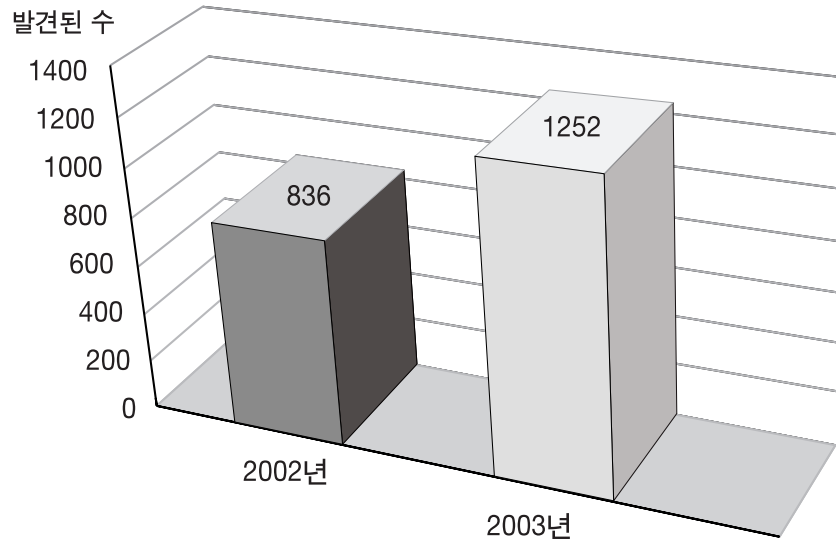
/ 가

. 2003

2002 2003

142%

가 가  
가



[ 8] 2002 , 2003

[ 8]

2003

가

66%

가

가

Top 20

가

가



2003

: (jsjung@ahnlab.com)

2003 1 1 12 10 1,133 , 2002  
277 4 가 가 [ 1], [ 2] .

									/
1	0	1	2	0	4	0	3	0	10
2	0	0	8	2	2	0	3	0	15
3	0	2	8	0	3	0	2	0	15
4	0	4	6	0	1	0	4	0	15
5	0	1	10	3	1	0	2	0	17
6	0	2	7	4	4	0	0	0	17
7	0	4	13	2	9	0	0	0	28
8	0	0	1	2	1	0	1	0	5
9	0	0	10	0	2	0	3	0	15
10	0	7	24	6	7	0	0	0	40
11	0	15	27	8	10	0	0	0	60
12	0	5	21	5	5	0	0	0	36
	0	41	137	32	49	0	18	0	277

[ 1]2002

									/
1	0	7	54	18	3	8	0	0	90
2	0	2	80	15	3	13	1	1	115
3	2	3	76	24	1	12	0	0	118
4	0	1	46	11	3	11	0	0	72
5	0	4	44	14	2	14	0	0	78
6	0	2	52	6	4	21	0	0	85
7	0	3	59	4	1	10	0	0	77
8	0	2	93	13	3	20	0	0	131
9	0	1	78	7	2	28	0	0	116
10	0	0	59	3	0	30	0	0	92
11	0	0	50	1	2	58	0	0	111
12	0	0	30	3	0	15	0	0	48
	2	25	721	119	24	240	1	1	1133

[ 2]2003

가 ([  
3] ).

88	89	90	91	92	93	94	95	96	97	98	99	2000	2001	2002	2003	
1	6	28	21	17	34	76	128	226	256	276	379	572	435	277	1133	3865

[ 3]1998 ~ 2003 (2003 12 10 )

- 가

-

- 가

-

DoS ( ) 가 IRCBot DoS  
(Win32/Dumaru.worm.9234) (Win32/LovGate.worm.107008)  
가 DoS

DoS

가가 가

가

가

가

IRCBot

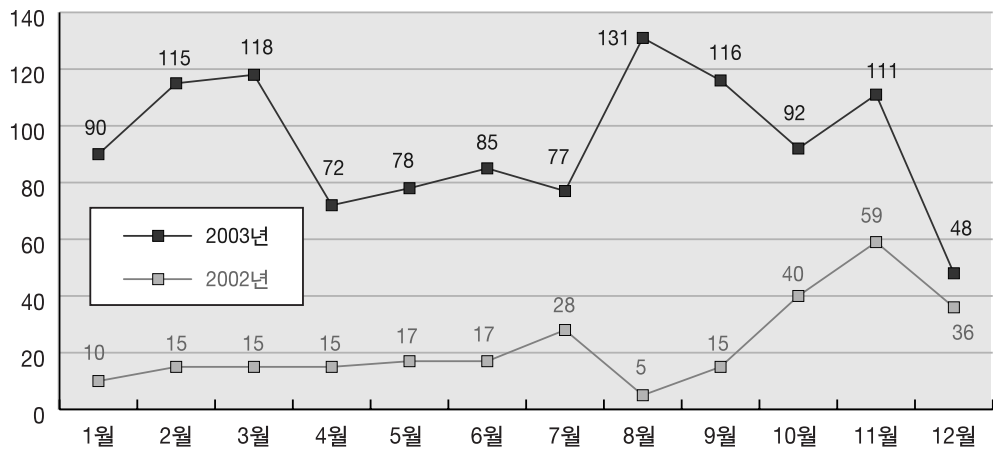
?

[ 2]

IRCBot

가 IRCBot  
가

발견건수



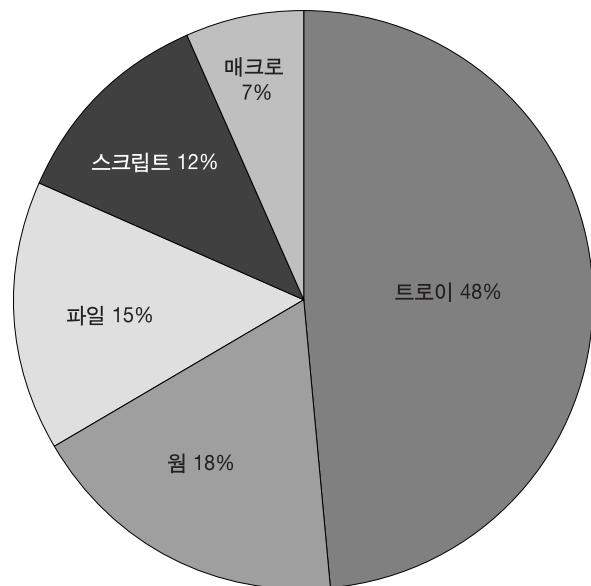
[ 1]2002, 2003

2002 Win-Trojan/MircPack 가 2002 IRCBot 가 가

2003 가 . 가 가 8  
F .

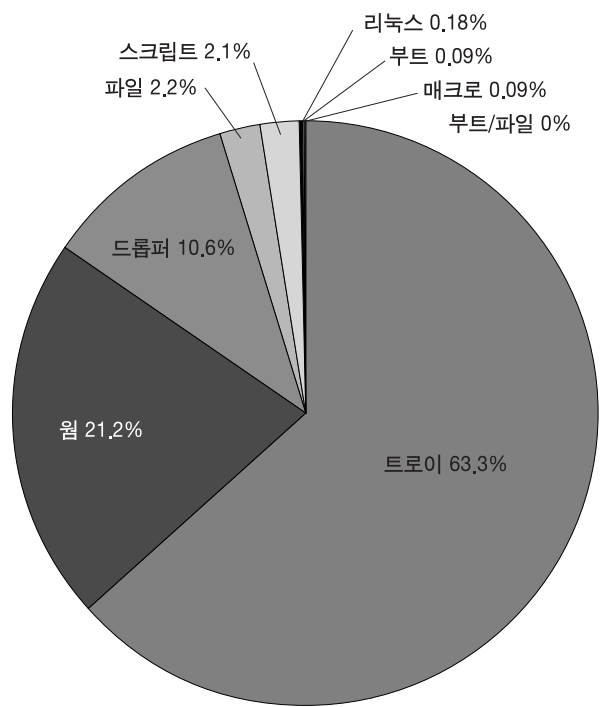
2002 2003  
[ 2], [ 3] .

부트/파일 0%  
부트 0%  
리눅스 0%



[ 2]2002

가  
가 . Mass Mailer .  
2001 2002 .  
2003 [ 3] 2003  
64%, 21%



[ 3]2003

)

가

가 .

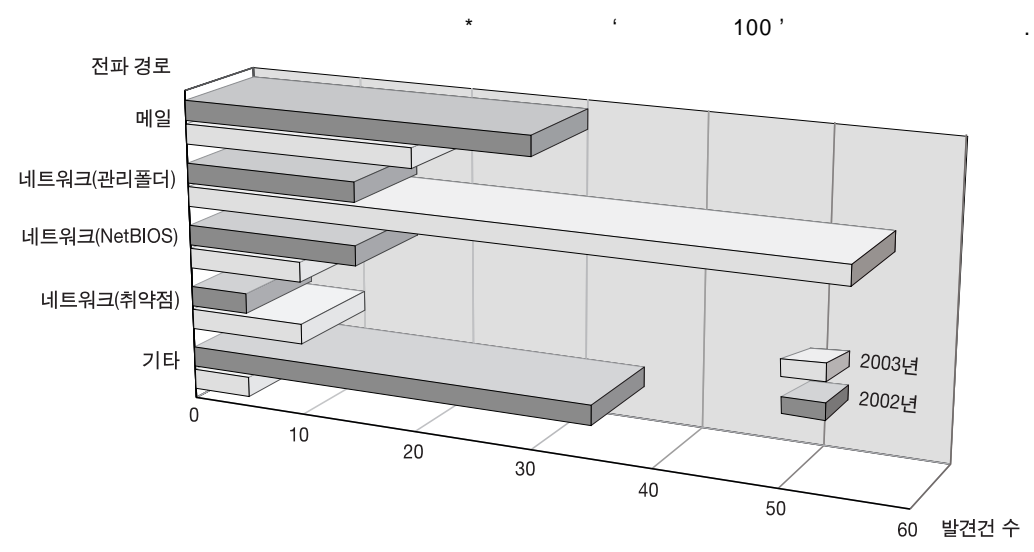
가 .

4 가

가 .

2003

[ 4]



[ 4]2002 , 2003

가 가

가

가

가

가 SQL\_Overflow

가

NT

가

가

Win32/AgoBot.worm, Win32/SdBot.worm

가

가

TCP/135, TCP/445

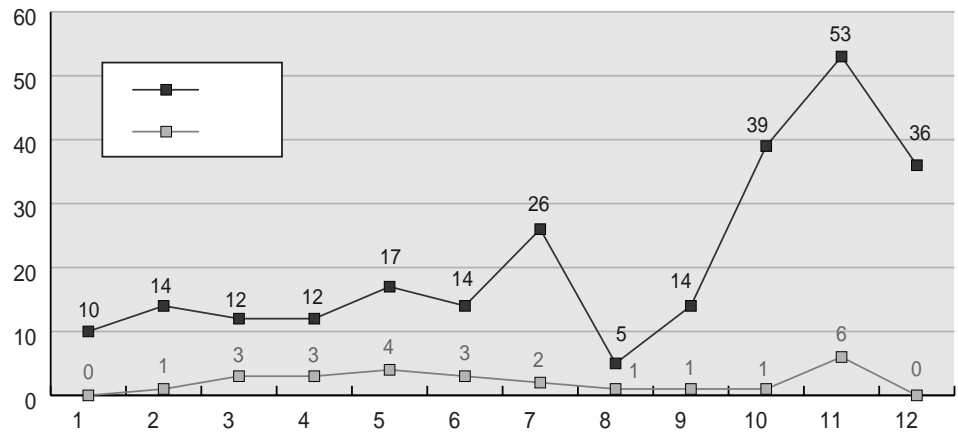


/

/

가

1.5 가 가 ([ 5], [ 6] ).



[ 5]2002

/

2002

CD-Key

가

가

2003

IRCBot

IRCBot

가

가

IRC

SYN Flooding

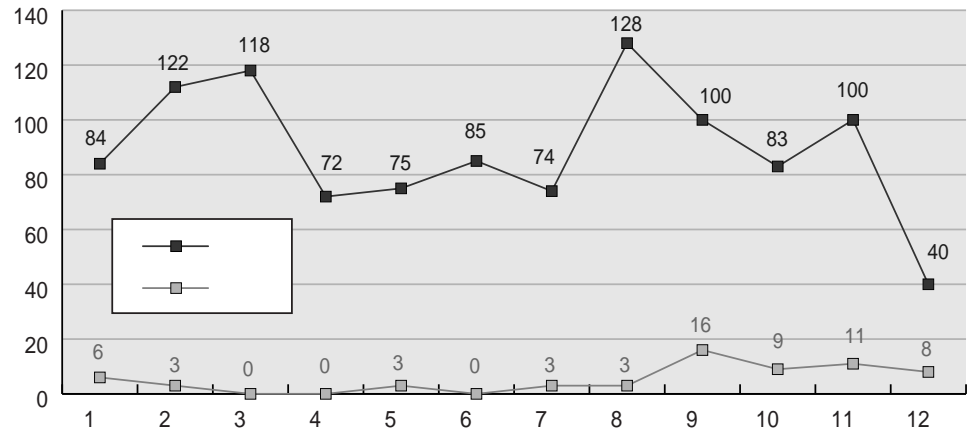
DoS

가

DoS

MSN

가



[ 6]2003 /

Active X

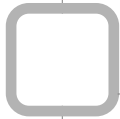
2003

가

가

가

Mass Mailer



2003

: (dubhe@ahnlab.com)

가

. 2000

OS

, ,

MS-DOS

3.x,

9x,

NT

(NT, 2000, XP)

. 9x

가

OS , NT

가

NT

2000 Server ,

2000 Professional

가

OS

OS

( )

가

가

PC

가

OS

가

가

가

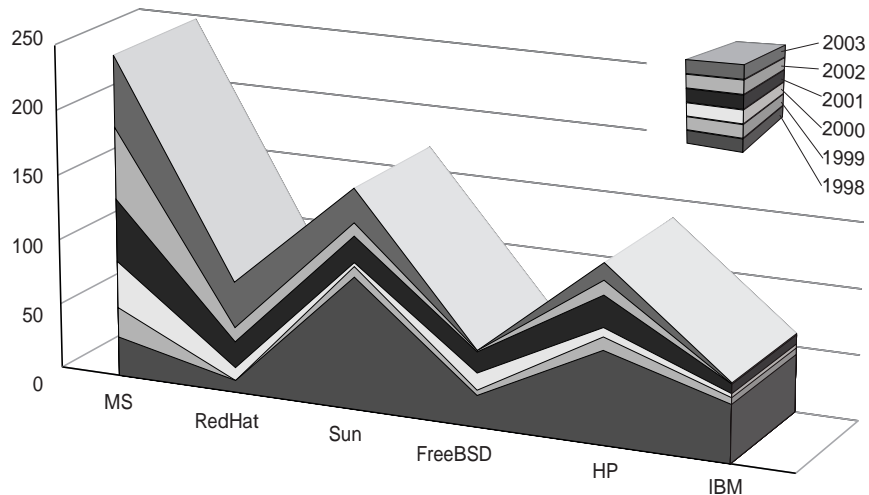
PC가

가

[ 1] [ 1] CIAC(<http://www.ciac.org/>)  
Vendor

	MS	RedHat	Sun	FreeBSD	HP	IBM
1998	30	9	101	24	71	44
1999	23	0	8	4	10	5
2000	36	10	3	13	7	3
2001	48	20	20	16	24	7
2002	55	11	10	1	11	0
2003	55	35	26	0	13	1
	247	85	168	58	136	60

[ 1]CIAC OS



[ 1]CIAC OS

[ 1] [ 1] MS OS

Sun, HP, IBM

1998

MS

. MS

OS

98

OS가

가

,

가

Unix

OS

. 98

OS

[ 2] [ 2] CERT/CC, CVE, MS FreeBSD

Advisory

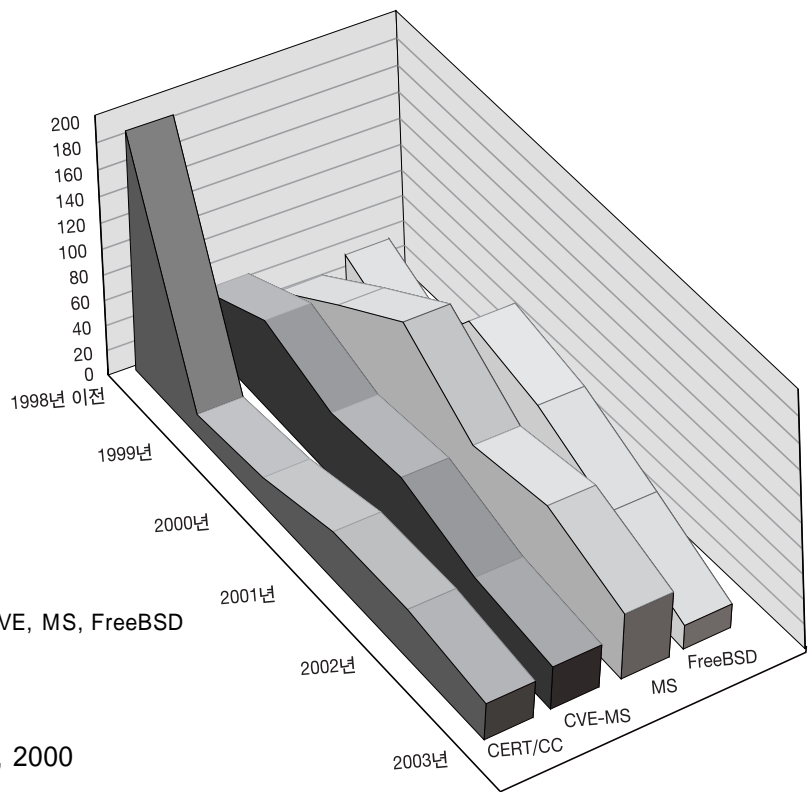
CVE OS

Linux, SunOS OS

Advisory가 Patch

	CERT/CC	CVE-MS	MS	FreeBSD
1998	184	43	20	31
1999	17	70	61	6
2000	22	51	100	82
2001	37	57	60	71
2002	37	39	72	46
2003	28	33	51	19
	325	293	364	255

[ 2]CERT/CC, CVE, MS, FreeBSD Advisory



[ 2]CERT/CC, CVE, MS, FreeBSD Advisory

1999 , 2000  
가

. MS

2000

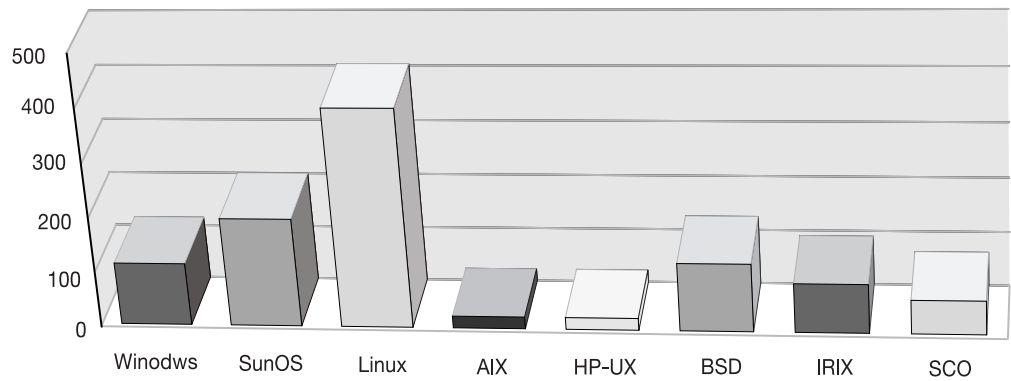
가 OS

. CERT/CC Advisory 88

Advisory 가

OS

[ 3] 99 8 Exploit  
Exploit



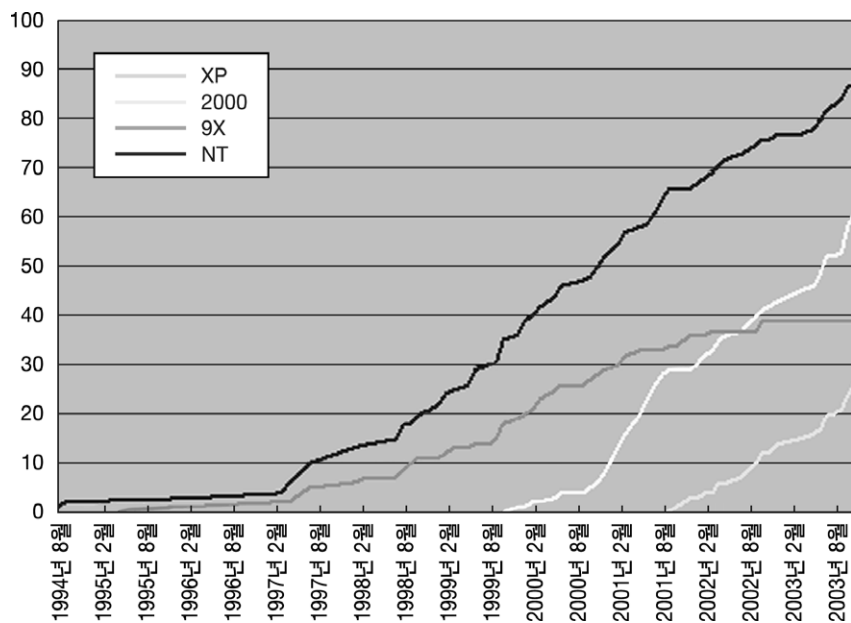
[ 3] 1999 8 Exploit

NT 9x DoS  
 Unix 가 가 x86 Sparc  
 Linux, SunOS, BSD, SCO가 . IRIX  
 가 HP-UX, AIX  
 가 .

2000 가 가  
 , 가 .

가

[ 4] OS CIAC . OS



[ 4] OS

NT, 2000, XP 가  
 . 2000 OS  
 XP가 2000  
 . 98 OSR 2, 2000 가  
 .  
 2003  
 2003 OS  
 . (Blaster), MS03-026 RPC  
 (Welchia) . ,  
 DCOM  
 . MS (Nimda), (CodeRed)  
 IIS , SQL SQL\_Overflow( Slammer)  
 OS 2003 PC  
 가  
 2003 Client OS IE, Outlook  
 Null Session, , DoS(Denied of Service)  
 가  
 2003 Buffer Overflow  
 .  
 2003 가  
 bugtraq  
 (Proof of Concept), (Exploit  
 Code)가 RPC DCOM , Workstation  
 , Exchange Server EEye, Xfocus MS  
 가  
 .  
 MS 2003 OS  
 가  
 가







2003

1.

: (jackycha@ahnlab.com)

2003 1 SQL\_Overflow<sup>1)</sup> ' 1.25 ' 가

<sup>2)</sup>, <sup>3)</sup>, <sup>4)</sup>,

<sup>5)</sup>, .F<sup>6)</sup>

msn<sup>7)</sup>, <sup>8)</sup>

Win-Trojan/RtKit.128000<sup>9)</sup>, Win-Trojan/HackDef.

50688<sup>10)</sup>

11

hotdog.exe(Win-Trojan/Hotra.

49152)<sup>11)</sup>가

가

가

가

가

2003

2003

1) SQL\_Overflow : , [http://info.ahnlab.com/smart2u/virus\\_detail\\_1098.html](http://info.ahnlab.com/smart2u/virus_detail_1098.html)

2) : Win32/Mimail.worm, [http://info.ahnlab.com/smart2u/virus\\_detail\\_1197.html](http://info.ahnlab.com/smart2u/virus_detail_1197.html)

3) : Win32/Blaster.worm.6176, [http://info.ahnlab.com/smart2u/virus\\_detail\\_1202.html](http://info.ahnlab.com/smart2u/virus_detail_1202.html)

4) : Win32/Welchia.worm.10240, [http://info.ahnlab.com/smart2u/virus\\_detail\\_1206.html](http://info.ahnlab.com/smart2u/virus_detail_1206.html)

5) : Win32/Dumaru.worm.9234, [http://info.ahnlab.com/smart2u/virus\\_detail\\_1207.html](http://info.ahnlab.com/smart2u/virus_detail_1207.html)

6) F : Win32/Sobig.worm.F, [http://info.ahnlab.com/smart2u/virus\\_detail\\_1208.html](http://info.ahnlab.com/smart2u/virus_detail_1208.html)

7) msn : Win32/Sinmsn.worm.20480, [http://info.ahnlab.com/smart2u/virus\\_detail\\_1193.html](http://info.ahnlab.com/smart2u/virus_detail_1193.html)

8) : Win32/Smibag.worm.163840, [http://info.ahnlab.com/smart2u/virus\\_detail\\_1223.html](http://info.ahnlab.com/smart2u/virus_detail_1223.html)

9) Win-Trojan/RtKt.128000 : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1222.html](http://info.ahnlab.com/smart2u/virus_detail_1222.html)

10) Win-Trojan/HackDef.50688 : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1227.html](http://info.ahnlab.com/smart2u/virus_detail_1227.html)

11) Win-Trojan/Hotra.49152, [http://info.ahnlab.com/smart2u/virus\\_detail\\_1240.html](http://info.ahnlab.com/smart2u/virus_detail_1240.html)

(1) SQL\_Overflow

1 25 Win-Trojan/SystEntry.32768.B<sup>12)</sup>가  
 98 가 . 1  
 가 . SQL  
 SQL\_Overflow  
 ' 1.25 ' .

(2) JS/Fortnight

JS/Fortnight<sup>13)</sup>  
 가  
 . JS/Fortnight  
 가 가

(3)

(Win32/LovGate.worm.107008)<sup>14)</sup> 3  
 ( 가  
 EXE)  
 (Code Injection)  
 ( )가 가  
 가 .

(4) Dropper/MircPack

Dropper/MircPack<sup>15)</sup>  
 FTP /  
 (Warez)  
 Win-Trojan/ServU.212126<sup>16)</sup>  
 가  
 가

12) Win-Trojan/SystEntry.32768.B : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1096.html](http://info.ahnlab.com/smart2u/virus_detail_1096.html)  
 13) JS/Fortnight : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1182.html](http://info.ahnlab.com/smart2u/virus_detail_1182.html)  
 14) Win32/LovGate.worm.107008 : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1135.html](http://info.ahnlab.com/smart2u/virus_detail_1135.html)  
 15) Dropper/MircPack.755236 : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1095.html](http://info.ahnlab.com/smart2u/virus_detail_1095.html)

(5)

5 Dropper/Delf.74240<sup>17)</sup> (Stealth Technique)  
 Win-Trojan/RtKit.128000, Win-Trojan/HackDef.50688  
 가

(6)

20480 Win32/Smibag.worm, Win-Trojan/Hotra  
 가 Win32/Sinmsn.worm.  
 가

(7)

8 2003 Win32/Mimail.worm  
 RPC DCOM  
 (Code\_Red), SQL\_Overflow  
 XP RPC DCOM 2000  
 가

\*

- <http://www.zdnet.co.kr/ecommerce/biztrend/article.jsp?id=64386&forum=1>
- [http://news.naver.com/news\\_read.php?oldid=2003121100008631081](http://news.naver.com/news_read.php?oldid=2003121100008631081)
- [http://news.naver.com/news\\_read.php?oldid=200309240000465999002](http://news.naver.com/news_read.php?oldid=200309240000465999002)

(8)

8 Win32/Sobig.worm.F<sup>18)</sup> Win32/Dumaru.worm.9234<sup>19)</sup>  
 2003 9 10 가 9 10

16) Win-Trojan/ServU.212126 : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1151.html](http://info.ahnlab.com/smart2u/virus_detail_1151.html)  
 17) Dropper/Delf.74240 : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1179.html](http://info.ahnlab.com/smart2u/virus_detail_1179.html)  
 18) Win32/Sobig.worm.F : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1208.html](http://info.ahnlab.com/smart2u/virus_detail_1208.html)  
 19) Win32/Dumaru.worm.9234 : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1207.html](http://info.ahnlab.com/smart2u/virus_detail_1207.html)

가 . 2001 9.11 2  
가  
가  
(9) 가  
11 가 hotdog.exe  
(Adware)  
(Freeware), (Shareware)  
가 (Spyware)  
가  
가  
가 hotdog.exe  
가  
( )  
, V3 / (  
)  
-  
-  
-  
,  
가 X 가

2.

(sopara@ahnlab.com)

가 가

가

가

(1)

2003

가

SQL\_Overflow  
IPA/ISEC

2003

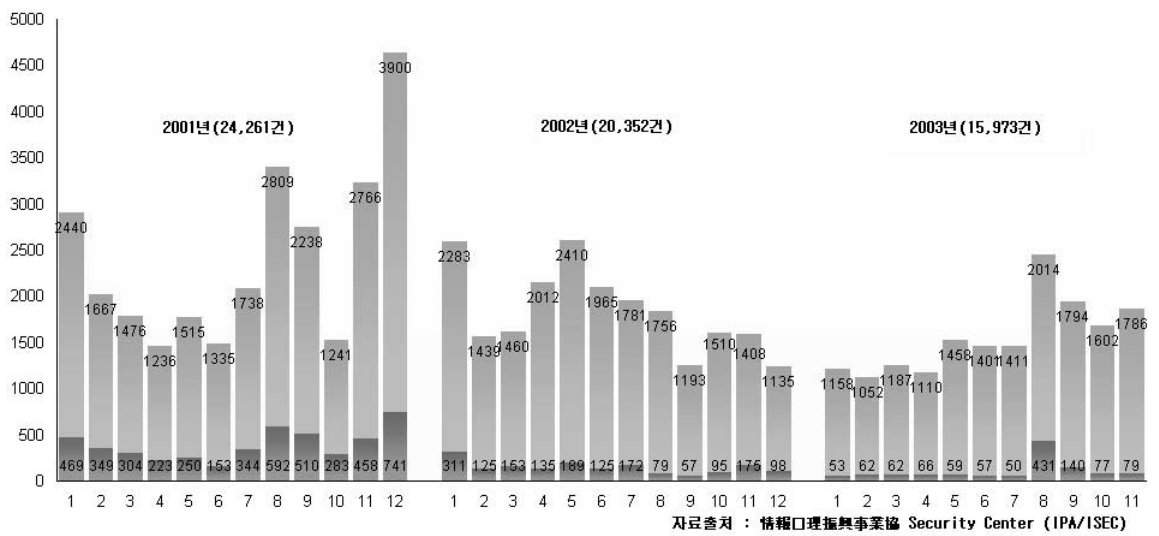
8

RPC

가

가

2002



(2) 2003

Klez

2003

가

(Microsoft)

Outlook

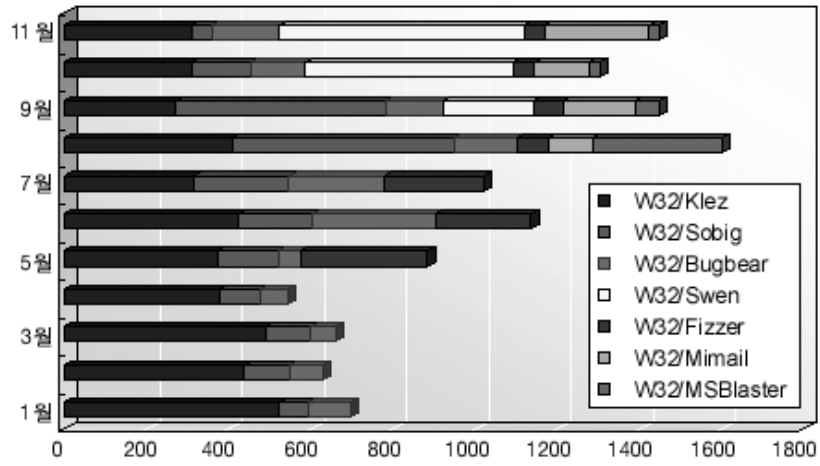
(Win32/Klez.worm)

.F 2003 8 9

10

(Opasoft)

(Nimda)



(3)

1,184 가  
 . CGI 가  
 가  
 東武 가 가 가 가  
 . 東武 가 가  
 가 가 가  
 가 가 가

(4)

가  
 가 가  
 . 5 331  
 786 2  
 [ ]  
 10 가

(5) Japannet

5 8 Japannet 가 22 가 가

. Japannet 5 4 가  
 가 가  
 가 5 8  
 가 20 Unix CPU 가 가  
 가 가 14 CPU 1 CPU  
 가 17 . Japannet 17  
 Unix 24  
 17 가 .

(6)

Winny  
 가 京都

98 가  
 (7) 가

가

가

	2000	2001	2002	2002	2003
.	1396	1963	3193	1331	8776
.	2896	3282	2261	1176	2605
Internet · Auction	1301	2099	3978	1495	2309
.	1884	2267	2566	1229	1349
.	1352	2647	2130	1180	1246
· Virus	505	1335	1246	693	506
	1801	3684	3955	1988	2306

[ 1] ( )

[ 1]

가

### 3.

: (zhang95@ahnlab.com)

2003  
가 .  
가 .  
가 .  
2003 , 가  
가  
가  
2003  
9 2003 .

#### (1) Win32/Blaster.worm.6176

8 Win32/Blaster.worm.6176  
2003 .  
Win32/Blaster.worm.6176  
2000 RPC  
가 .

#### (2) SQL\_Overflow

1 25 SQL\_Overflow MS-SQL Database  
' Buffer Overruns in SQL Server 2000 Resolution Service Could Enable Code  
Execution ' 80%  
가 . , , ,  
가 12

#### (3)

8 8 ,  
IP ' (1 )'  
isc.org.cn 8 21 27



(4) (百度)

5 (百度) (百度) (百度)  
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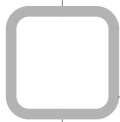
(9)

6 가 가 Cyber  
 가 가 10

4.

2003 . . . . . (jackycha@ahnlab.com)  
가 가  
가  
가 .F , , , .  
가 - .  
가 가  
MSN MSN  
가 QQ  
가  
P2P(Peer-to-Peer) Winny  
Win32/Antinny.worm.651264<sup>20)</sup>  
가  
가

20) Win32/Antinny.worm.651264 : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1212.html](http://info.ahnlab.com/smart2u/virus_detail_1212.html)



2003

● 1.

: (jackycha@ahnlab.com)

(Vulnerability)

(<http://www.terms.co.kr>)

“ . 가  
가 . 가  
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가 가 가 , ,

. 2003 8

MS-DOS

가

가

가

1988

Linux/Ramen<sup>1)</sup> worm<sup>2)</sup>      6.2 7.0 OpenSSL      Linux/Slapper.

1996 가

가

가

, 2001 (Code\_Red)

1 25 SQL      /      2003

가      SQL\_Overflow( , SQL )

8 12      SQL\_Overflow      2003

2000/XP RPC DCOM

가

가

가

1) Linux/Ramen : [http://info.ahnlab.com/smart2u/virus\\_detail\\_784.html](http://info.ahnlab.com/smart2u/virus_detail_784.html)

2) Linux/Slapper.worm : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1030.html](http://info.ahnlab.com/smart2u/virus_detail_1030.html)

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1999 11

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VBS/BubbleBoy<sup>3)</sup>가  
HTML

JS/Kak<sup>4)</sup>

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(2)

040)가

HTML

가

(MS03-

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가가

[ 1]

3 가

가

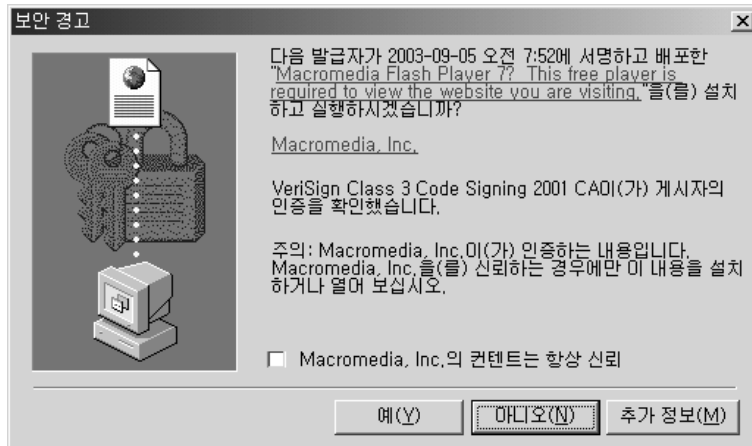
가

가

가

3) VBS/BubbleBoy : [http://info.ahnlab.com/smart2u/virus\\_detail\\_22.html](http://info.ahnlab.com/smart2u/virus_detail_22.html)

4) JS/Kak : [http://info.ahnlab.com/smart2u/virus\\_detail\\_655.html](http://info.ahnlab.com/smart2u/virus_detail_655.html)



[ 1 ] ,

가 가 . MS 가 (Microsoft VM  
ActiveX Component) 가 JS/Fortnight<sup>5)</sup>

(3) IIS

/ , IIS  
가 IIS IIS  
가  
IIS 가 MS01-033<sup>6)</sup> MS01-044<sup>7)</sup>

. Solaris/Sadmind.worm IIS  
HTML/Sadmind<sup>8)</sup> 가

5) JS/Fortnight : [http://info.ahnlab.com/smart2u/virus\\_detail\\_1182.html](http://info.ahnlab.com/smart2u/virus_detail_1182.html)  
6) MS01-033 : <http://www.microsoft.com/korea/technet/security/bulletin/MS01-033.asp>  
7) MS01-044 : <http://www.microsoft.com/korea/technet/security/bulletin/MS01-044.asp>  
8) HTML/Sadmind : [http://info.ahnlab.com/smart2u/virus\\_detail\\_822.html](http://info.ahnlab.com/smart2u/virus_detail_822.html)



[ 2] HTML/Sadmind

(4) SQL

SQL 가  
 SQL\_Overflow(SQL ) SQL 2000  
 (MS02-039)<sup>9)</sup>

가  
 , SQL 2000  
 SQL 2000  
 2002 가  
 2003 1 25 SQL ‘ 1.25 ’

(5)

(Macromedia) (Flash Player)  
 . SWF  
 가 가 . 2002  
 1 8 SWF/LFM.926<sup>10)</sup> 가

. (http://www.macromedia.com/support/flash/ts/documents/swf\_clear.htm)

9) MS02-039 : <http://www.microsoft.com/korea/technet/security/bulletin/MS02-039.asp>

10) SWF/LFM.926 : [http://info.ahnlab.com/smart2u/virus\\_detail\\_909.html](http://info.ahnlab.com/smart2u/virus_detail_909.html)

(6) RPC DCOM

NT (2000/XP ) , . RPC  
 DCOM (MS03-026) 7 17  
 7 .

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 RPC DCOM . 가

2003 8 12 ( ) (Win32/Blaster.worm.6176)  
 . RPC DCOM  
 XP  
 가 가 . XP 가

2003 8 18 (Win32/Welchia.worm.10240) RPC DCOM  
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 가

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 가 가 .  
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 PDA 가 .  
 가 가 .  
 가  
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 가 .

- (http://info.ahnlab.com/securityinfo/virus\_search.jsp)
- (http://www.terms.co.kr)

## 2.

(jackycha@ahnlab.com)

가

가 .

(Spyware)

가

(Adware)

(Freeware),

(Shareware)

1)

2)

가

3)

4)

5)

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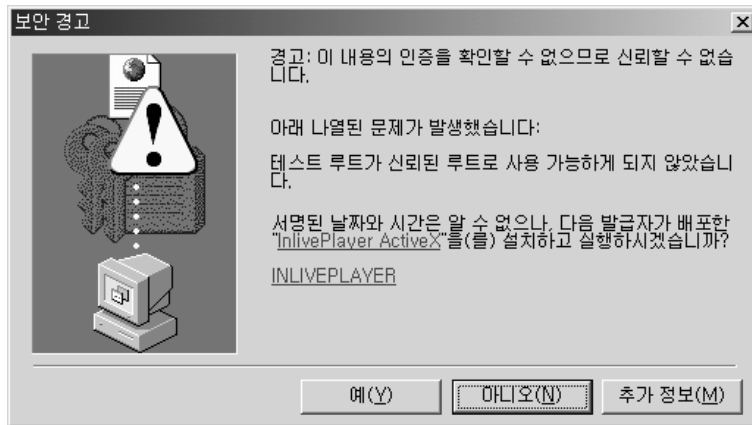
가

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16 5  
 0.5 , 9,900  
 가 가 가 Aureate/  
 Radiate<sup>2)</sup> . Aureate/Radiate  
 가 Dlder<sup>3)</sup>  
 가<sup>4)</sup>  
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1) : <http://messenger.freechal.com/FcVaccine/FcVacFastType.asp>  
 2) <http://grc.com/oo/aureate.htm>,  
<http://www.kaspersky.com/news.html?id=16>  
<http://vmyths.com/hoax.cfm?id=36&page=3>  
<http://www.europe.f-secure.com/v-descs/aureate.shtml>  
 3) <http://www.europe.f-secure.com/v-descs/dlder.shtml>  
<http://www.europe.f-secure.com/v-descs/dlder.shtml>  
 4) <http://www.flashtrack.net/policy.html>



[ 1 ]

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가 가

HTML/NoClose<sup>5)</sup>

5) [http://info.ahnlab.com/smart2u/virus\\_detail\\_987.html](http://info.ahnlab.com/smart2u/virus_detail_987.html)

(2)

가

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가“ ”

(1)

VB

HTA

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HTML

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가

(2)

Active X

가

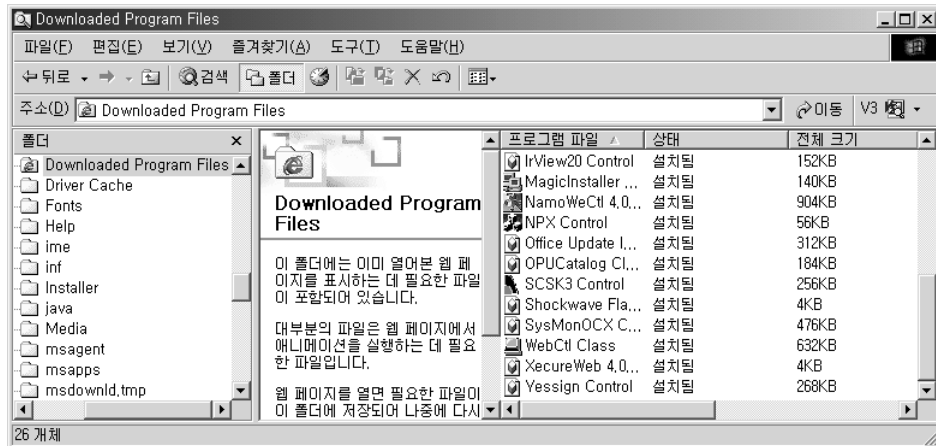
(

C:\Windows

C:\WINNT)

Downloaded Program Files

.[ 2 ] )



[ 2] Downloaded Program Files

(3) DLL

ActiveX

가

가 가

EXE

DLL

. DLL

EXE

EXE

DLL

DLL

DLL

DLL

DLL

ActiveX

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36 50 5 6)

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가 .

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/ ( ) . , 가

(4)

JS/Fortnight / ( )가 가 .  
가

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6) “

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(3)

(4)

(5)

Downloaded Program Files  
Downloaded Program Files

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X

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