2002. 1. 31 , ryuni@certcc.or.kr

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1. ini

INI initialize フト フト フト フト 64 KB . ini win.ini, system.ini

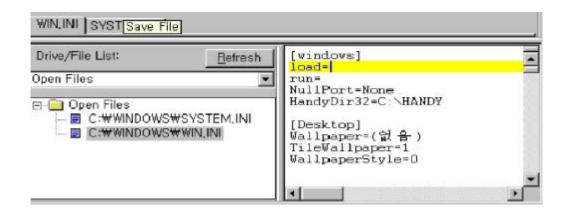
가 . ini 가 가 .

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Win.ini

C:\WINDOWS (98) Win.ini load

run .



"loa d=" "run=" . win.ini

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2000 12

Hybris win.ini [windows] run=

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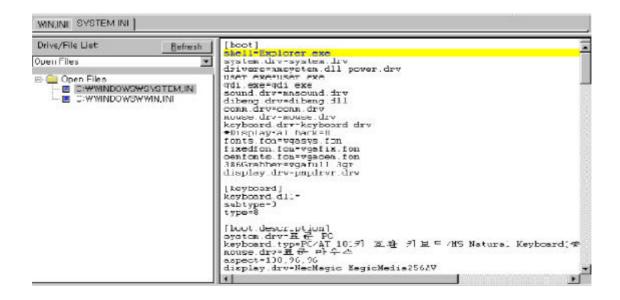
run = C:\ W in dow s\ S y stem\ amia amia.ex e

< ami aami a . exe ..>

System.ini

C:\WINDOWS(98) System.ini

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2001 9 Nimda system.ini

Shell = explorer.exe load.exe -dontrunold

< Ni mda load.exe .>

w in in it.in i

C:\WINDOWS\(98) wininit.ini wininit.ini

[Rename]
NUL=c:\windows\picture.exe

NUL=c:\windows\picture.exe c:\windows\picture.exe NUL

[Rename] NUL = .EXE < 2. 가 가 1) 가 가 3.x INI 95 가 INI 64 KB PC win.ini가 32 KB 가 64 KB 가 ini 32 KB 가 INI 가 INI INI INI INI Windows 3.1 Windows 3.1 OLE

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wininit.ini

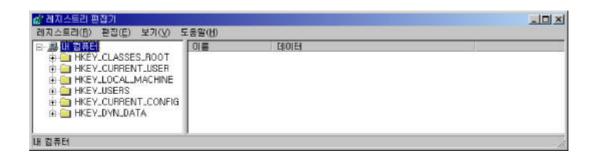
PC , ,

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"regedit" 가



98 6 가



2000 HKEY_DYN_DATA 가 5



(key)

	OLE 가 . HKI	, EY_CLASSES_ROOT	
			,
	HKEY_CURRENT_USER		
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	가 HKEY_USER	•	가
	IIKE1_USER	·	
	HKEY_LOCAL_MACHINE		
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ПКІ	EY_CURRENT_USER USER.DAT . ,	,	
	HKEY_CURRENT_USER		
	HKEY_CURRENT_CONFIG		
	가	HKEY_LOCAL_MACHINE	
Config	. ,		
	HKEY_DYN_DATA		
	2000		

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HKEY_CLASSES_ROOT

```
[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\RunServices]
```

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\RunServicesOnce]

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Run]

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\RunOnce]

 $[HKEY_CURRENT_USER \setminus Software \setminus Microsoft \setminus Windows \setminus Current Version \setminus Run]$

 $[HKEY_CURRENT_USER \setminus Software \setminus Microsoft \setminus Windows \setminus Current Version \setminus RunOnce]$

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\RunServices]

[HKEY_CLASSES_ROOT\exefile\s he ll\open\command] @="\"% 1\" %*"

[HKEY CLASSES ROOT\comfile\shell\open\command] @="\"% 1\" % *"

[HKEY_CLASSES_ROOT\batfile\s he ll\open\command] @="\"% 1\" %*"

 $[HKEY_CLASSES_ROOT \land https://open/Command] @="\"\% 1\" \% *"$

 $[HKEY_CLASSES_ROOT\piffile\shell\open\command] @="\"\% 1\" \% *"$

[HKEY_LOCAL_MACHINE\Software\CLASSES\batfile\s he ll\open\command] @="\"% 1\" %*"

 $[HKEY_LOCAL_MACHINE \ Software \ CLASSES \ comfile \ shell open \ command] \ @="\ "\% 1 \ " \ \% *"$

[HKEY_LOCAL_MACHINE\Software\CLASSES\exefile\shell\open\command] @="\"% 1\" %*"

[HKEY_LOCAL_MACHINE\Software\CLASSES\htafile\She l\Open\Command] @="\"% 1\" %*"

 $[HKEY_LOCAL_MACHINE \ Software \ CLASSES \ piffile \ shell open \ command] @="\"% 1\" %*"$

"% 1 % *" "server.exe % 1 % *" exe, com, bat, hta, pif server.exe

2001 7

Sircam 가 exe 가

 $HKEY_LOCAL_MACHINE \setminus S\ oftware \setminus \ Microsoft \setminus W\ in\ dow\ s \setminus Current\ Version \setminus Run\ S\ er\ vices$

Driver32=C:\Windows\System\scam32.exe 7

exe

HKEY_CLASSES_ROOT\ exefile\ shell\ open\ command

C:\recycled\sirc32.exe "% 1" % *"

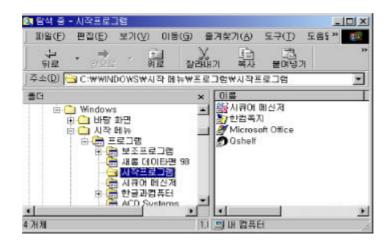
Sircam

3.

Win 98

: C:\WINDOWS\

: C:\windows\start menu\programs\startup



Win 2000

: C:\Documents and Settings\Administrator\ \

: C:\Documents and Settings\Administrator\start menu\programs\startup

4. bat . bat autoexec.bat Auto exec.bat C:\ BAT Autoexec.bat 가 BAT 가 C autoexec.bat 2002 1 Gigger C 가 C autoexec.bat ECHO y | format c: Winstart.bat C:\WINDOWS(98) winstart.bat BAT

Startup

C:\WINDOWS\

2001 8 Cue rpo winsta rt.bat
2001 7 Reality

@echo off

 $\label{lem:cobs} debug < c:\ Windows\ System\ System\ dll > nul \\ copy c:\ Command 32.com c:\ Windows\ Cammand\ Command 32.com \\ c:\ Windows\ Cammand\ Command 32.com \\ \label{command}$

5. ICQ

가 .

 $\mathbb{I}CQ$

ICQ ICQNET

 $[HKEY_CURRENT_USER \backslash Softwa\,re \backslash Mira\,bilis \backslash ICQ \backslash Age\,nt \backslash Apps \backslash te\,st]$

"Path"="test.exe"

"Parameters"=""

"Enable"="Yes"

2001 1 Leave

 $HKEY_CURRENT_USER \backslash Software \backslash Mirabilis \backslash ICQ \backslash Agent \backslash Apps \backslash$

icqrun C:\WINDOWS\regsv.exe 7

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 $[HKEY_LOCAL_MACHINE \backslash Softwa\,re \backslash C\,LAS\,S\,ES \backslash S\,he\,llS\,c\,ra\,p]$

)=" "NeverShowExt"=""

SHS 7 . NeverShowExt

.S HS . Girl.jpg.s hs

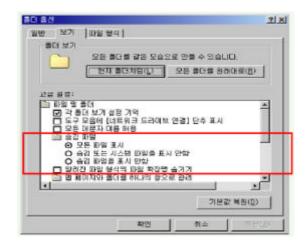
Girl.jpg

 $NeverS\,how\,Ext$

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2001 2 Anna Kournikova

Anna Kournikova .jpg.vbs Anna Kournikova .jpg

7.

http://www.tlsecurity.net/auto.html

http://www.cert.org/incident_notes/IN-2000-07.html

http://www.nbinside.com/study/090.htm

http://myang2.hihome.com/right3.htm

http://members.tripod.lycos.co.kr/j2814/extention.htm

http://my.dreamwiz.com/bicter/study/boot/boot_9.htm

http://v3.netpia.com/newvirusdetail.asp?virus_id=652

http://securityresponse.symantec.com/avcenter/venc/data/pwsteal.coced240b.tro.html