

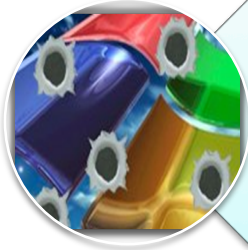


Case Conficker

**Black Hat 2009
Las Vegas**

**Mikko Hypponen
Chief Research Officer
F-Secure Corp**

Conficker / Downadup spreading vectors



MS08-067
Vulnerability in Server service

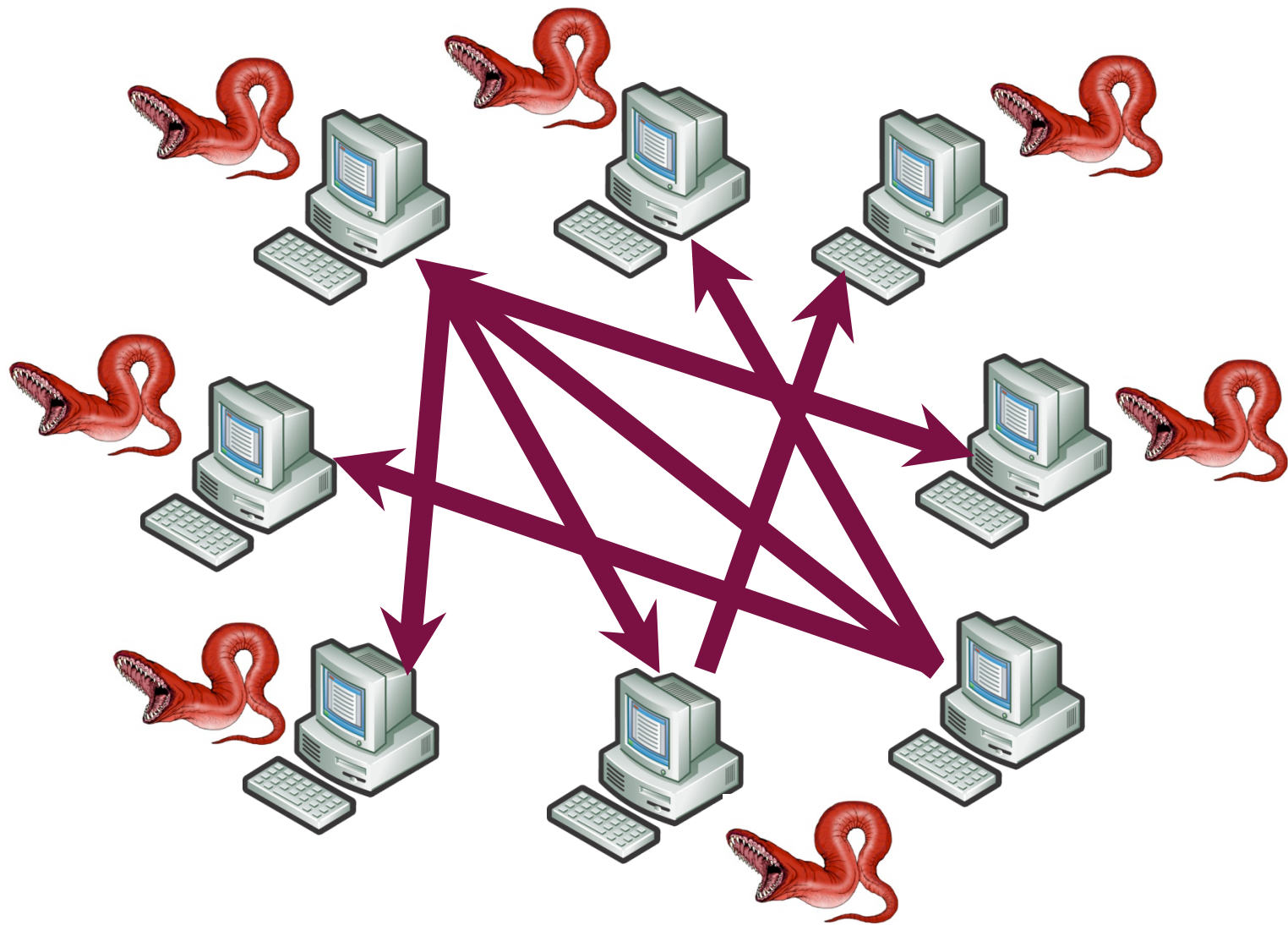


USB-Flash drives
Autorun & Autoplay



ADMIN\$ shares





abc123

academia

access

account

Admin

admin

admin1

admin12

admin123

adminadmin

administrator

anything

asddsa

asdfgh

IP range : 91.199.104.0 - 91.199.104.255

Network name : BITDEFENDER

IP range : 192.88.209.0 - 192.88.209.255

Network name : CERT-NET

Abuse E-mail : cert@cert.org

IP range : 207.242.88.0 - 207.242.88.255

Infos : COMPUTER ASSOCIATES

IP range : 72.32.7.88 - 72.32.7.95

Infos : ESET LLC

Infos : 1172 Orange Ave

IP range : 204.118.23.96 - 204.118.23.127

Infos : FRISK Software International

IP range : 65.200.212.0 - 65.200.212.255

Infos : F-Secure Inc.

Infos : 100 Century Center Court

Infos : Suite 700

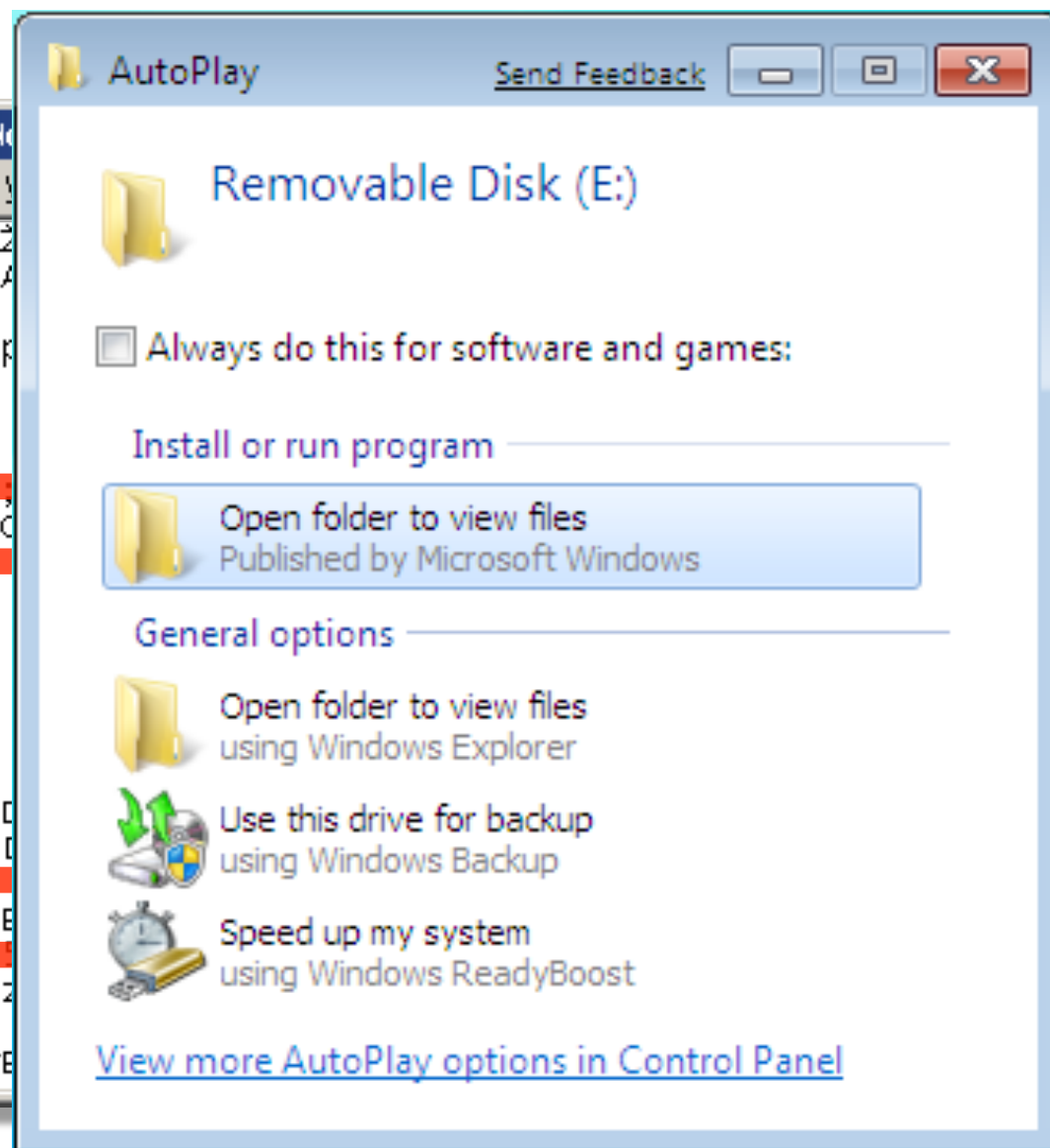
Infos : San Jose

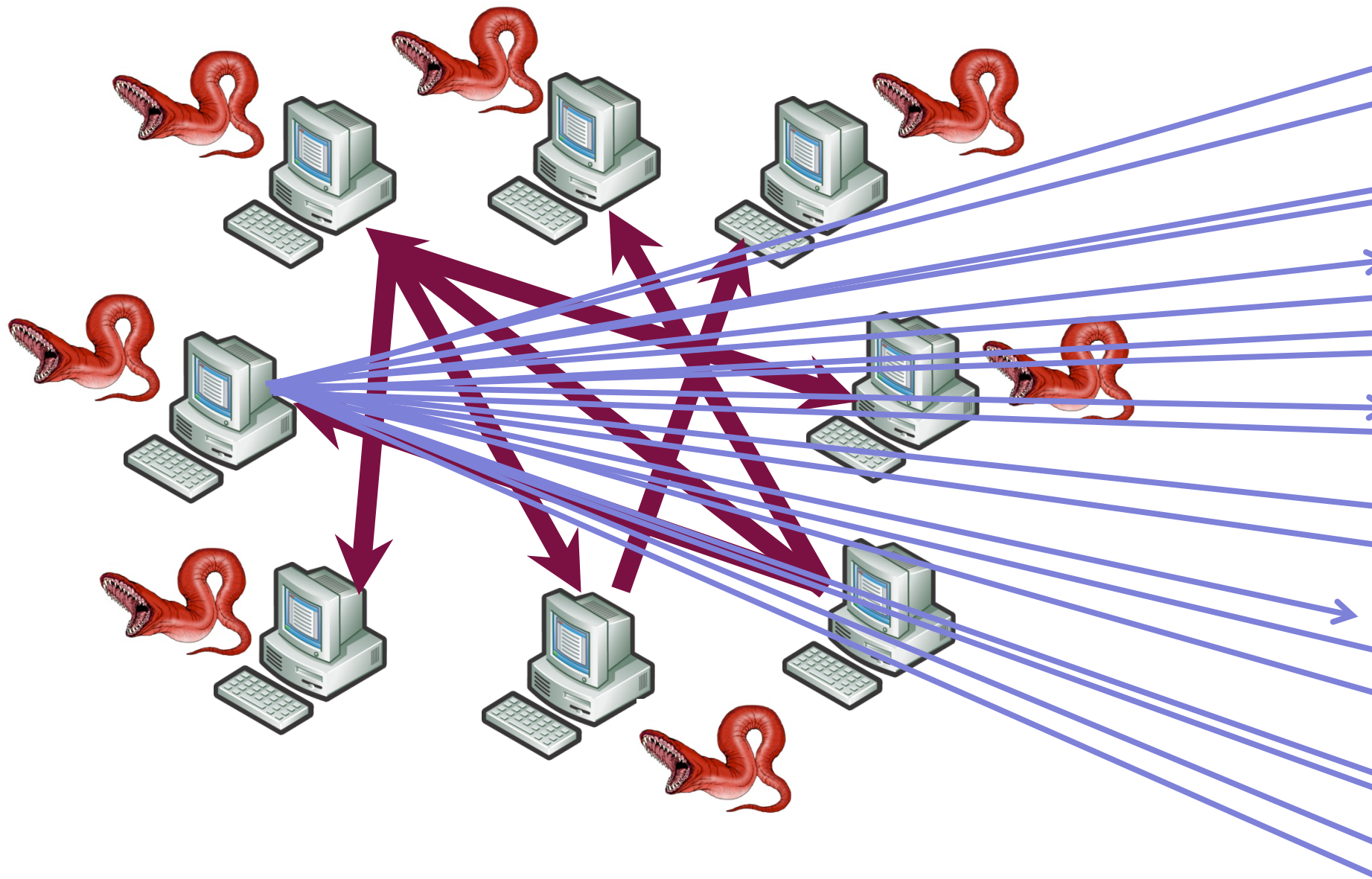
Infos : CA

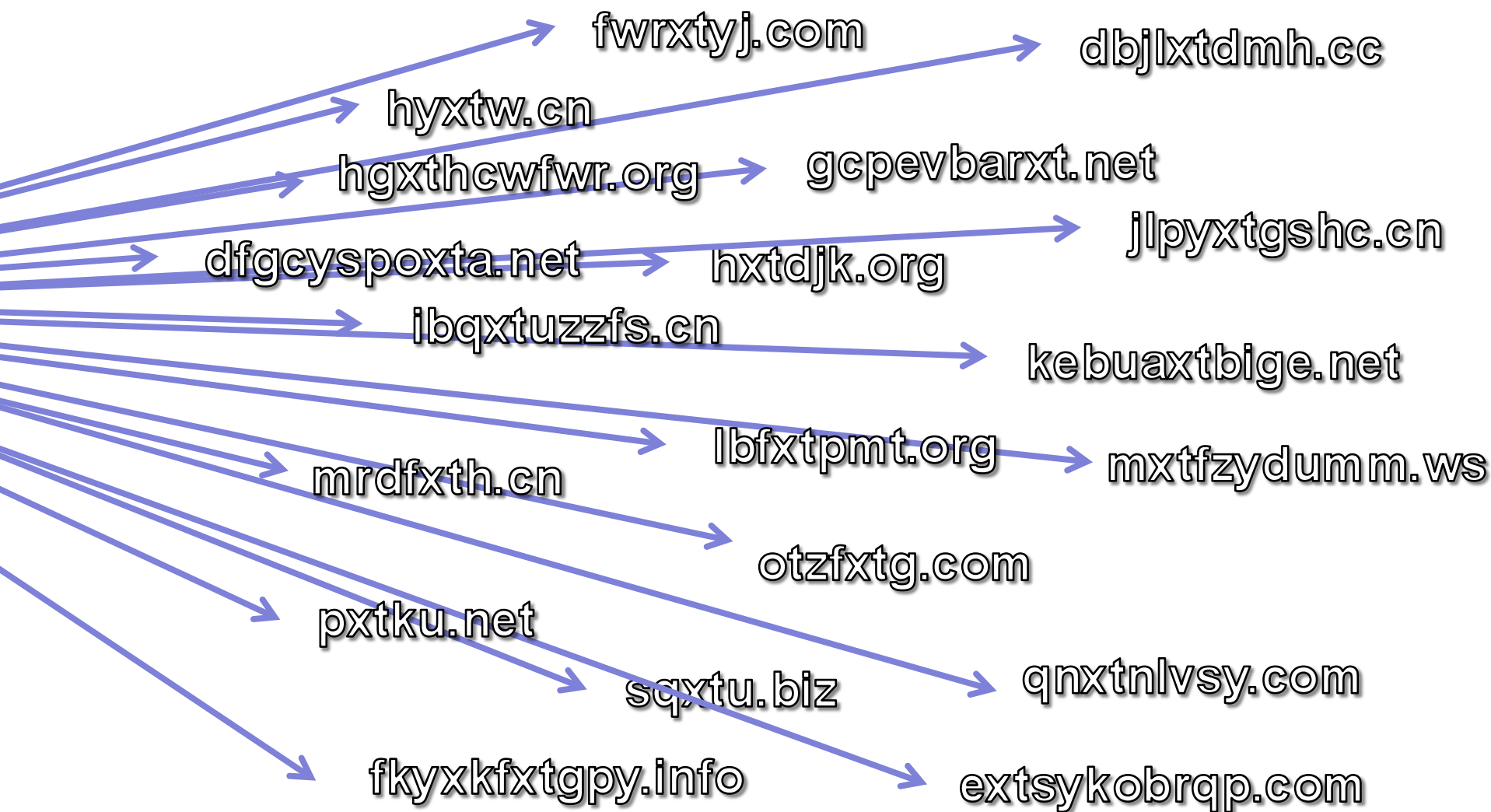
Infos : 95112

autorun.inf.1 - Notepad

```
File Edit Format View Help
; 0000,,uXJÖwE&Z
; 0000000000001A
00
000000pKjnxQFp
0
0000000=0000000
000000
00000000
00000
,4000
00000
; -PrXSo'fDWWCfd
0000000; 0000000
shell
.\RECYCLER\S-
zedrno; 0000002
; 00000000Zf>y
```







8,976,038





Conficker.C



CONFICKER WORKING GROUP

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Calendar:

- No entries for May 2009.
- [01.04.2009](#): Conficker.C is Live and well
- [29.03.2009](#): Conficker Working Group Web is Prepared

☒ Newest first ☐ Oldest first

Check to see if you are infected

Thanks to Joe Stewart from SecureWorks for his awesome work.

[Check for Infection](#)

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- [Operation](#)
- [Payload](#)
- [Symptoms of infection](#)
- [Impact](#)
- [Response](#)
- [Patching and removal](#)

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[Cisco](#)
[ESET](#)
[F-Secure](#)
[Facebook](#)
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[International](#)
[ICANN](#)
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[Internet Systems](#)
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[29 · March 2009](#)
[01 · April 2009](#)
[May 2009](#)



SecureWorks



fwrxytj.com

dbjlxtmdmh.cc

hyxtw.cn

hgxthcwfwr.org

gcpevbarxt.net

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hxtadjk.org

jlpyxtgshc.cn

ibqxtuzzfs.cn

kebuaxtbige.net

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lbfxtpmt.org

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pxtku.net

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fkyxkfxtgpy.info

extsykobrqp.com



.ac .ae .ag .am .as .at .be .bo .bz .ca .cd .ch .cl .cn .cr .id .il
.ke .kr .nz .ug .uk .vi .za .ag .ai .ar .bo .br .bs .co .do .fj .gh
.gl .gt .hn .jm .ki .lc .mt .mx .ng .ni .pa .pe .pr .pt .py .sv .tr
.tt .tw .ua .uy .ve .cx .cz .dj .dk .dm .ec .es .fm .fr .gd .gr .gs
.gy .hk .hn .ht .hu .ie .im .in .ir .is .kn .kz .la .lc .li .lu .lv
.ly .md .me .mn .ms .mu .mw .my .nf .nl .no .pe .pk .pl .ps .
ro .ru
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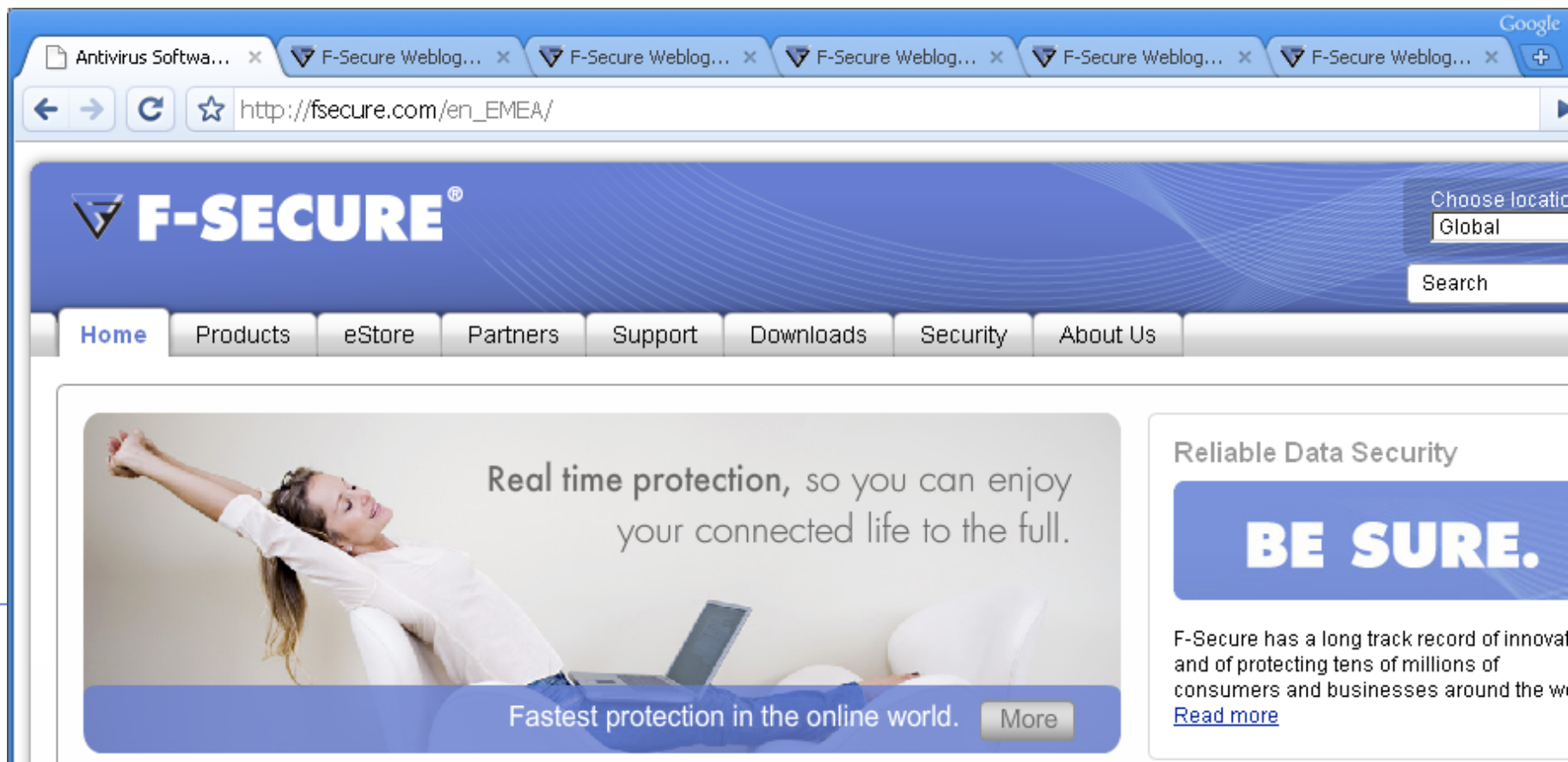


The bad boys keep watching us

Conficker.C blocked access to domains containing "**f-secure**"

So we created **fsecure.com** in addition of **f-secure.com**

Conficker.E blocks both **f-secure** and **fsecure**



Why?

Why?



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