Campus Days
14.-16. januar 2010

W-14 Internet Explorer 8
Faster,Easier and more Secure

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Microsoft TechNet

A Browser for
The Users
The Developers
The Administrators

Microsoft *TechNet*

Agenda

- User productivity

  - User Interface

  - Searches

  - Accelerators

  - Web-Slices

- Security

  - SmartScreen Filter

  - InPrivate

- Internet Explorer 9

Internet Explorer 8
User Experience

Faster, Easier, more Secure

Daniel

Internet Explorer 8 Security

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Security Threats

Phishing:
Using an e-mail message or Web site, cybercriminals masquerade as a trustworthy person or business to lure users into revealing personal or financial information, such as usernames, passwords, or credit card details.

Malware:
Cybercriminals create software to steal personal information such as bank account information, track everything a user types, send out malicious spam, or harm computers.

Clickjacking:
An obscured or hidden Web element such as dummy buttons on a Web page mislead a user to click a concealed link and perform unintended actions, allowing cybercriminals to capture keystrokes, steal personal information, deface Web pages, or launch other types of malicious attacks.

Cross-Site Scripting (XSS) Attacks:
Cybercriminals inject malicious scripts into Web pages to gain access privileges to user-specific page content, session cookies, and other information maintained by the browser. With this access, cybercriminals can steal sensitive information about the user stored on the site or hijack the user's session to make purchases.

Phishing Example

www.ie8demos.com/smartscreen
- Contoso

COMPUTERWORLD

| nordea phishing | [Søg] | BY ANKIRO |

⬅ **Forrige**   **nordea phishing**   **Næste** ➡

Aktuelle temaer: **Sikkerhed** | **Business intelligence** | **It-arbejdspladsen**

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30. september 2009 kl. 09.00
Storbank undlod billig beskyttelse mod phishing
Danske Bank kunne med billig teknik have forhindret modtagelsen af størstedelen af phishingmails, siger sikkerhedsfirma.

Af Rune Pedersen | 🗨 (17) | Mere om: Digital sikkerhed | Digital borgerservice | Teknologi

16. november 2007 kl. 07.49
Fredagens aviser om it
Kapitalfonde dropper ATP's TDC-aktier. Phishing-sag begynder med tom anklagebænk.

Af Mads Elkær | Mere om: Dagens aviser om it | Aktier | Kapitalfonde

26. april 2007 kl. 12.34
Nordea indfører nyt sikkerhedssystem efter net-kaos
Nordeas 1,8 millioner svenske netbankkunder får bedre sikkerhed til efteråret. Den nye sikkerhedsløsning bygger på en kombination af kortlæsere, kodegenerator og en tidsfrist og skal stoppe daglige nettyverier.

Af Rune Pedersen | 🗨 (2) | Mere om: Samfund | Digital sikkerhed | Phishing

25. april 2007 kl. 14.54
Nettyve lænser Nordea dagligt
Hver dag stjæles store beløb fra Nordeas svenske webbank på grund af for dårlig sikkerhed. Tabet har rundet otte millioner kroner og stiger fortsat.

Af Rune Pedersen | 🗨 (3) | Mere om: Samfund | Phishing | Sikkerhedshuller

19. april 2007 kl. 15.52
Hackere koster danske banker kassen
Hackerangreb på danske netbankkunder kan ende med at koste banker og datacentraler op mod 40 millioner kroner i øget sikkerhed i år. Både Danske Bank og Nordea investerer millioner i sikkerhed.

Af Rune Pedersen | 🗨 (12) | Mere om: Digital sikkerhed | E-handel | Hackere

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SENESTE NYT   Abonnér 🔊

10:58	Kommuner kan frit sjofle med udbudsreglerne
10:20	Kritisk opdatering fra Oracle retter 24 fejl
09:35	OpenOffice-kommune: Vi hjælper eleverne maksimalt
09:18	Frankrig vil lægge skat på online-reklamer
08:25	Video: Se Samsungs 3D-produkter og e-readere
08:02	Mandagens aviser om it
07:37	Apple-patent afslører fremtidens touch-skærme
07:00	ERP i 2010: Få et kig på fremtiden
08/01	Her er vinderne af Computerworlds store årsquiz
08/01	Fik du det hele med? Ugens mest læste artikler
08/01	Italiensk Windows-retssag begynder i næste uge
08/01	Sharepoint frosset ud i Sverige
08/01	Video: Her er de nye Intel-processorer
08/01	Google filtrerer søgeforslag

Mere »

Phishing - statistics

Statistical Highlights for 1st Half, 2009

	Jan.	Feb.	March	April	May	June
Number of unique phishing email reports received by APWG from consumers	34,588	31,298	30,125	35,287	37,165	35,918
Number of unique phishing web sites detected	27,300	21,974	30,760	36,194	45,959	49,084
Number of brands hijacked by phishing campaigns	294	272	310	273	268	259
Country hosting the most phishing websites	USA	USA	USA	USA	USA	Sweden
Contain some form of target name in URL	69.01 %					
No hostname; just IP address	4.66%					
Percentage of sites not using port 80	0.05%					

Phishing Activity Trends Report
1st Half / 2009
www.apwg.org • info@apwg.org

Phishing Reports Received January - June '09

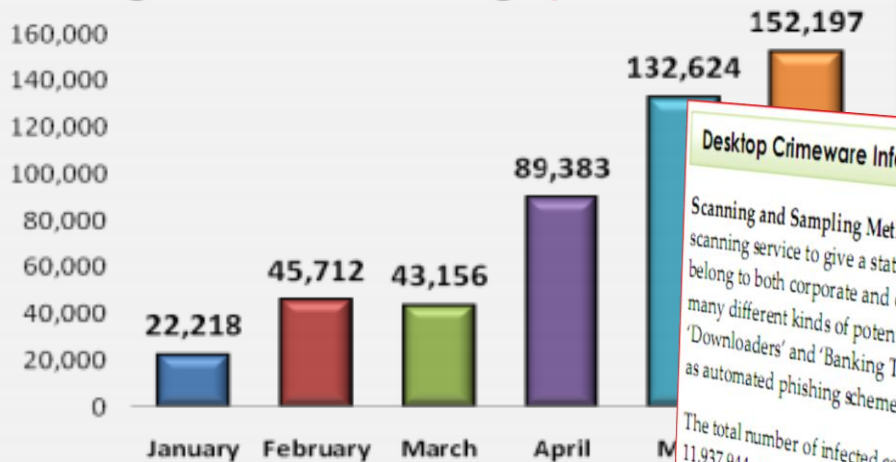| Month	Value
January	34,588
February	31,298
March	30,125
April	35,287
May	37,165
June	35,918
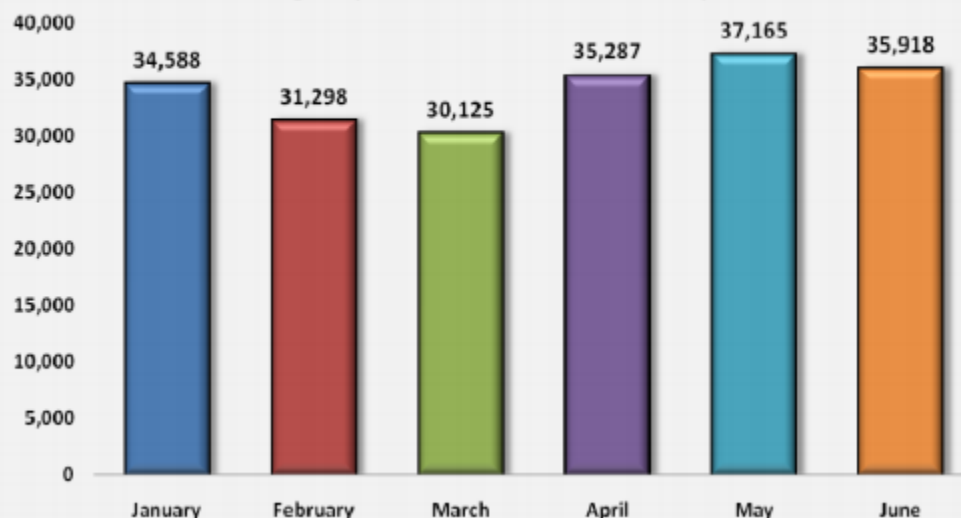
Malware example

www.ie8demos.com/smartscreen - Tailspin

Malware - stats

Rogue Anti-Malware Programs 1st Half '09

| Month	Value
January	22,218
February	45,712
March	43,156
April	89,383
M...	132,624
	152,197

Desktop Crimeware Infections - 1st Half 2009

Scanning and Sampling Methodology: Panda Labs gathers data from millions of computers worldwide through its scanning service to give a statistically valid view of the security situation at the desktop. The scanned computers belong to both corporate and consumer users in more than 100 countries. Though the scanning system checks for many different kinds of potentially unwanted software, for this report, Panda Labs has segmented out 'Downloaders' and 'Banking Trojans/Password Stealers' as they are most often associated with financial crimes such as automated phishing schemes.

The total number of infected computers rose more than 66 percent between Q4 2008 and the end of the half, 2009 to 11,937,944, representing more than 54 percent of the total sample of scanned computers, up from 35 percent in Q4, 2008. Banking trojan/password stealing crimeware infections detected increased during more than 186 percent between Q4, 2008 and Q2, 2009.

Desktop Crimeware Infections 2nd Quarter 2009

- Downloaders 11.44%
- Banking Trojans / Password Stealers 16.94%
- Other Malware 71.62%
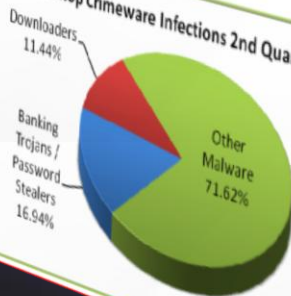
Q2: Scanned Computers		
Infected Computers	21,856,361	
Non Infected Computers	11,937,944	54.62%
Banking Trojans / Password	9,918,417	45.38%
Downloaders	626,409	16.94%
	423,053	11.44%
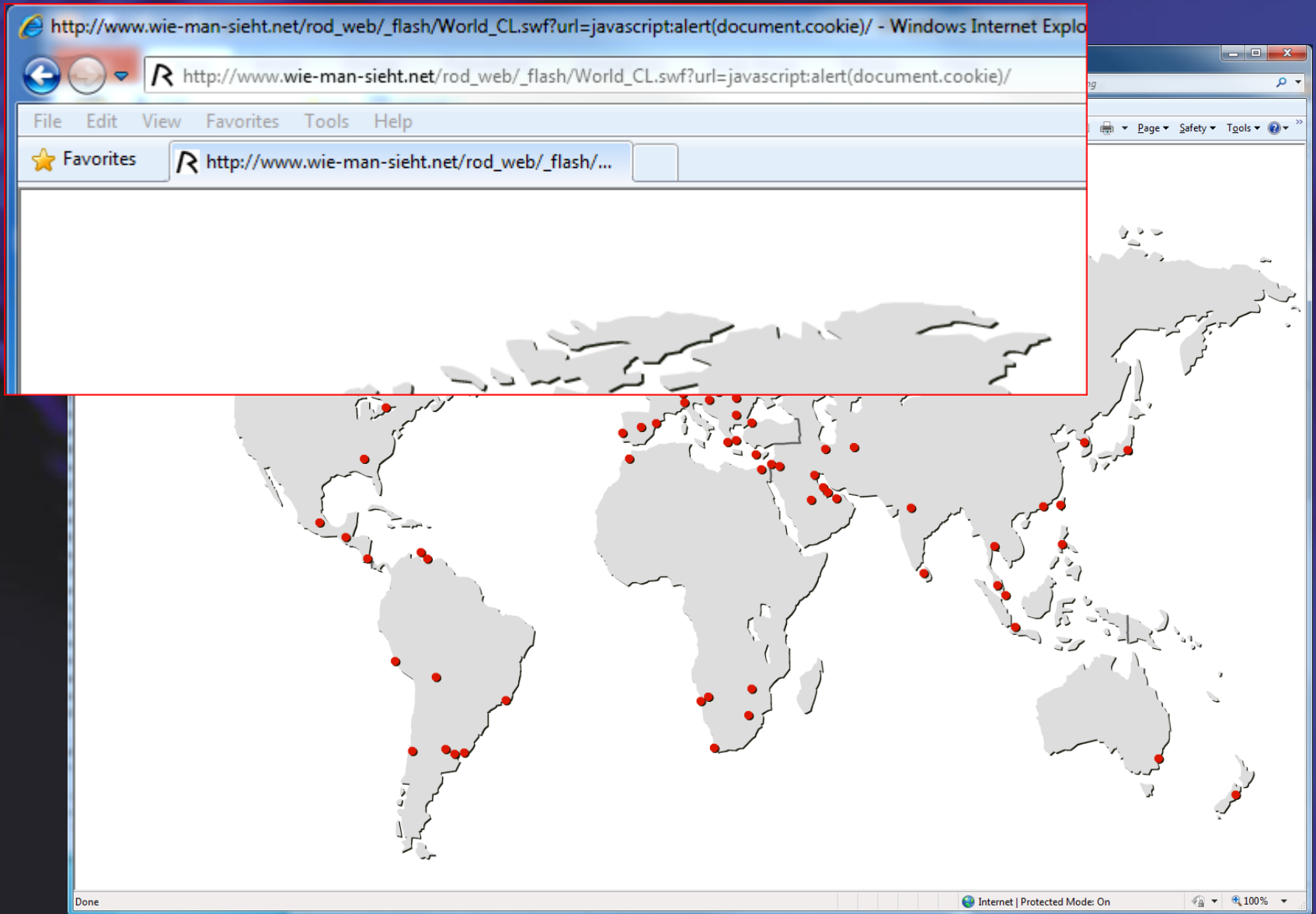
Net

Cross-Site Scripting - XSS

http://www.ie8demos.com/smartscreen/ - Woodgrove

http://www.ie8demos.com/XSS/

Fiddler

	Effectiveness
Microsoft IE8 (RC1)	69%
Mozilla Firefox v3.07	30%
Apple Safari v3	24%
Google Chrome v1.0.154	16%
Opera v9.64	5%
Microsoft IE7	4%

Fiddler

Web Debugging Proxy
www.fiddler2.com

http://microsoftpdc.com/sessions/cl25

InPrivate

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THANK YOU!

Remember: Good evals, please – we need them!

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