Bosses Love Excel... hackers too!

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MM03

About

- · Security Researchers
- · Working at INFORMATICA64
- · http://www.informatica64.com



MACT?

Terminal Applications





MMM?





ext:rdp >

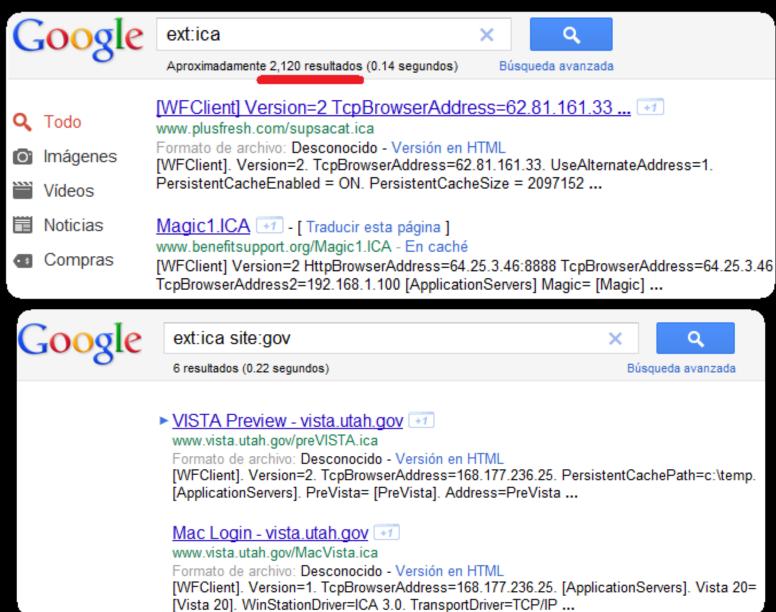


Aproximadamente 1,870 resultados (0.07 segundos)

Búsqueda avanzada

- <u>screen mode id:i:2 desktopwidth:i:1280 desktopheight:i:1024 ...</u> cbop.nl/login.rdp En caché screen mode id:i:2 desktopwidth:i:1280 desktopheight:i:1024 session bpp:i:32 winposstr:s:0,3,0,0800600 compression:i:1 keyboardhook:i:2 audiocapturemode:i:0
 - screen mode id:i:2 use multimon:i:0 desktopwidth:i:1920 ... -- snplaw.com/Navokat.RDP En caché screen mode id:i:2 use multimon:i:0 desktopwidth:i:1920 desktopheight:i:1080 sess bpp:i:32 winposstr:s:0,3,0,0800600 compression:i:1 keyboardhook:i:2 ...

Citrix



Using Bing



filetype:txt InitialProgram



Web

Más▼

HISTORIAL DE BÚSQUEDA TODOS LOS RESULTADOS 1-10 de 949 resultados - Avanzado



filetype:txt remoteapplicationmode



Veb Web

Más▼

BÚSQUEDAS RELACIONADAS TODOS LOS RESULTADOS

1-10 de 1.200 resultados

access.powertech.com.au

remoteapplicationmode:i:1. server port:i:3389. authentication level:i:0. allowsmoothing:i:0. promptcredentialonce:i:1. gatewayusagemethod:i:2. gatewayprofileusagemethod:i:1

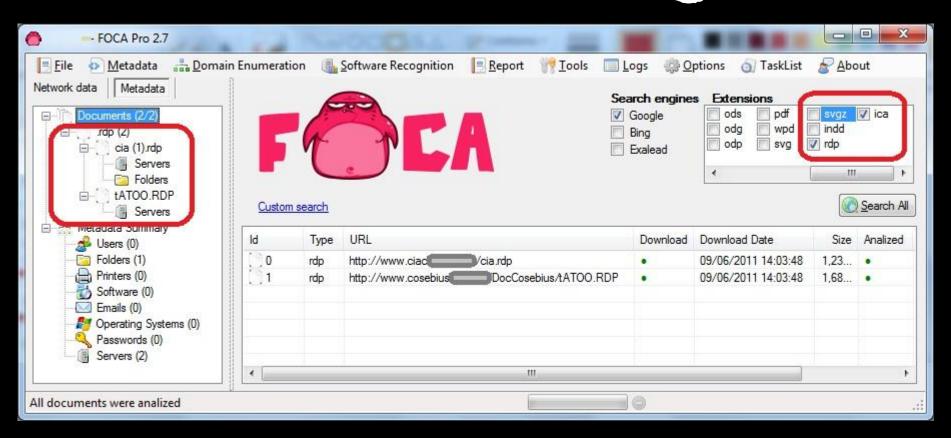
https://access.powertech.com.au/rdp/Logoff.rdp

SECULE?

Verbosity

- · Conf-files are too verbosity
 - -Internal IP Address
 - -users & encrypted passwords
 - -Internal Software
 - -Perfect for APTs
 - · o-day exploits
 - Evilgrade attacks

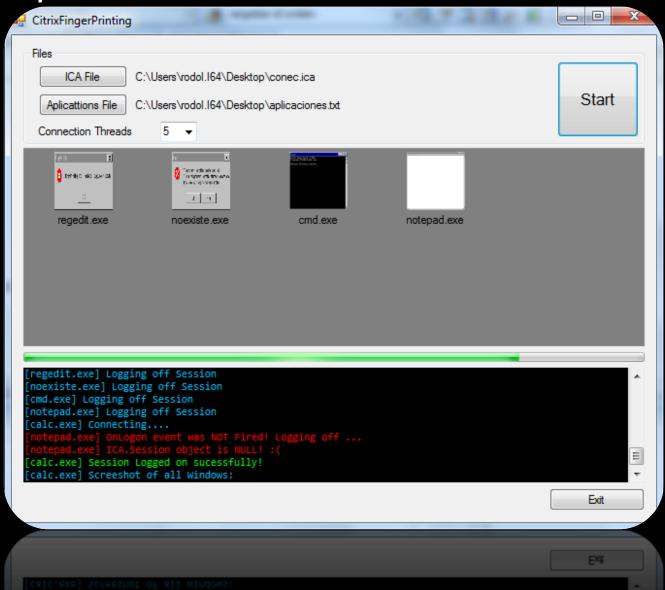
Verbosity



Verbosity

- Attacker can:
 - -modify conf files
 - -Generate error messages
 - -Fingerprinting all software
 - · Example: C.A.C.A.

Computer Assited Citrix Apps



Hash Stealing

- · Modify the conffile
- · Run a remote app in a roque Server
- · Sniff the hash



- · Too many links
 - -Specially running on Windows 2008
- · Too many environment variables
 - -%SystemRoot%
 - -%Programfiles%
 - -%SystemDrive%

- · Too many shortcuts
 - Ctrl + h Web History
 - Ctrl + n New Web Browser
 - Shift + Left Click New Web Browser
 - Ctrl + o Internet Addres
 - Ctrl + p Print
 - Right Click (Shift + F10)
 - Save Image As
 - View Source
 - F1-Jump to URL...

- · Too, Too, Too many shorcuts:
 - -ALTGR+SUPR = CTRL + ALT + SUP
 - -CTRL + F1 = CTRL + ALT + SUP
 - -CTRL + F3 = TASK MANAGER
- Stícky Keys

EASU?

Patas?

Minimun Exposure Paths

- · There are as many paths as pulbished apps
- Every app is a path that could drive to elevate privileges
- · Complex tools are better candidates
- · Excel is a complex tool

Excel as a Path

- · Office Apps are complex
- · Too many security policies
 - Necesary to donwload extra GPOS
- Too many systems by default
 - -No Security GPOS
 - -Allowing non-signed Macros
 - -Allowing third-part-signed macros
 - -Allowing CA to be added

EXCELI

Software Restriction Policies

- · Forbidden apps
 - -vía hash
 - -Vía path
- · App Locker
 - -using Digital Certificates
- · ACLS

Software Restriction Policies

- · Too many consoles
 - -cmd.exe
 - -Windows Management Instrumentation
 - -PowerShell
- · Even consoles from other OS
 - -ReactOS

EXCEL 2

RISRY?

Start the III World War

- · Find a bug in a DHS computer
- · Getting to the OS
- · Sing an excel file with a roque CA
- · Generate an attacking URL in the CRL to attack... China
- · Send a digital signed-excel file...

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