MISP Galaxy Clusters

MISP Galaxy Cluster

Generated from https://github.com/MISP/misp-galaxy.

MISP galaxy is a simple method to express a large object called cluster that can be attached to MISP events or attributes. A cluster can be composed of one or more elements. Elements are expressed as key-values. There are default vocabularies available in MISP galaxy but those can be overwritten, replaced or updated as you wish. Existing clusters and vocabularies can be used as-is or as a template. MISP distribution can be applied to each cluster to permit a limited or broader distribution scheme.

Exploit-Kit

Exploit-Kit is an enumeration of some exploitation kits used by adversaries. The list includes document, browser and router exploit kits.It's not meant to be totally exhaustive but aim at covering the most seen in the past 5 years.

Exploit-Kit is a cluster galaxy available in JSON format at **this location** The JSON format can be freely reused in your application or automatically enabled in MISP.

authors

Kafeine - Will Metcalf - KahuSecurity

Astrum

Astrum Exploit Kit is a private Exploit Kit used in massive scale malvertising campaigns. It's notable by its use of Steganography

Astrum is also known as:

- Stegano EK

Table 1. Table References

Links
http://malware.dontneedcoffee.com/2014/09/astrum-ek.html
http://www.welivesecurity.com/2016/12/06/readers-popular-websites-targeted-stealthy-stegano-exploit-kit-hiding-pixels-malicious-ads/

Terror EK

Terror EK is built on Hunter, Sundown and RIG EK code

Terror EK is also known as:

- Blaze EK
- Neptune EK

Table 2. Table References

Links
https://www.trustwave.com/Resources/SpiderLabs-Blog/Terror-Exploit-Kit—More-like-Error-Exploit-Kit/

DealersChoice

DealersChoice is a Flash Player Exploit platform triggered by RTF

DealersChoice is also known as:

- Sednit RTF EK

Table 3. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/10/unit42-dealerschoice-sofacys-flash-player-exploit-platform/
http://blog.trendmicro.com/trendlabs-security-intelligence/pawn-storm-ramps-up-spear-phishing-before-zero-days-get-patched/

DNSChanger

DNSChanger Exploit Kit is an exploit kit targeting Routers via the browser

DNSChanger is also known as:

- RouterEK

Table 4. Table References

Links
http://malware.dontneedcoffee.com/2015/05/an-exploit-kit-dedicated-to-csrf.html
https://www.proofpoint.com/us/threat-insight/post/home-routers-under-attack-malvertising-windows-android-devices

Hunter

Hunter EK is an evolution of 3Ros EK

Hunter is also known as:

- 3ROS Exploit Kit

Table 5. Table References

Links
https://www.proofpoint.com/us/threat-insight/post/Hunter-Exploit-Kit-Targets-Brazilian-Banking-Customers

Kaixin

Kaixin is an exploit kit mainly seen behind compromised website in Asia

Kaixin is also known as:

- CK vip

Table 6. Table References

Links
http://www.kahusecurity.com/2013/deobfuscating-the-ck-exploit-kit/
http://www.kahusecurity.com/2012/new-chinese-exploit-pack/

Magnitude

Magnitude EK

Magnitude is also known as:

- Popads EK
- TopExp

Table 7. Table References

Links
http://malware.dontneedcoffee.com/2013/10/Magnitude.html
https://www.trustwave.com/Resources/SpiderLabs-Blog/A-Peek-Into-the-Lion-s-Den-%E2%80%93-The-Magnitude—aka-PopAds—Exploit-Kit/
http://malware.dontneedcoffee.com/2014/02/and-real-name-of-magnitude-is.html
https://community.rsa.com/community/products/netwitness/blog/2017/02/09/magnitude-exploit-kit-under-the-hood

MWI

Microsoft Word Intruder is an exploit kit focused on Word and embedded flash exploits. The author wants to avoid their customer to use it in mass spam campaign, so it's most often connected to semi-targeted attacks

Table 8. Table References

Links
https://www.fireeye.com/blog/threat-research/2015/04/a_new_word_document.html
https://www.sophos.com/en-us/medialibrary/PDFs/technical%20papers/sophos-microsoft-word-intruder-revealed.pdf

Neutrino

Neutrino Exploit Kit has been one of the major exploit kit from its launch in 2013 till september 2016 when it become private (defense name for this variation is Neutrino-v). This EK vanished from march 2014 till november 2014.

Neutrino is also known as:

- Job314
- Neutrino Rebooted
- Neutrino-v

Table 9. Table References

Links
http://malware.dontneedcoffee.com/2013/03/hello-neutrino-just-one-more-exploit-kit.html
http://malware.dontneedcoffee.com/2014/11/neutrino-come-back.html

RIG

RIG is an exploit kit that takes its source in Infinity EK itself an evolution of Redkit. It became dominant after the fall of Angler, Nuclear Pack and the end of public access to Neutrino. RIG-v is the name given to RIG 4 when it was only accessible by "vip" customers and when RIG 3 was still in use.

RIG is also known as:

- RIG 3
- RIG-v
- RIG 4
- Meadgive

Table 10. Table References

Links
http://www.kahusecurity.com/2014/rig-exploit-pack/
https://www.trustwave.com/Resources/SpiderLabs-Blog/RIG-Reloaded---Examining-the-Architecture-of-RIG-Exploit-Kit-3-0/
https://www.trustwave.com/Resources/SpiderLabs-Blog/RIG-Exploit-Kit-%E2%80%93-Diving-Deeper-into-the-Infrastructure/
http://malware.dontneedcoffee.com/2016/10/rig-evolves-neutrino-waves-goodbye.html

Sednit EK

Sednit EK is the exploit kit used by APT28

Table 11. Table References

Links
http://www.welivesecurity.com/2014/10/08/sednit-espionage-group-now-using-custom-exploit-kit/
http://blog.trendmicro.com/trendlabs-security-intelligence/new-adobe-flash-zero-day-used-in-pawn-storm-campaign/

Bizarro Sundown

Bizarro Sundown appears to be a fork of Sundown with added anti-analysis features

Bizarro Sundown is also known as:

- Sundown-b

Table 12. Table References

Links
http://blog.trendmicro.com/trendlabs-security-intelligence/new-bizarro-sundown-exploit-kit-spreads-locky/
https://blog.malwarebytes.com/cybercrime/exploits/2016/10/yet-another-sundown-ek-variant/

GreenFlash Sundown

GreenFlash Sundown is a variation of Bizarro Sundown without landing

GreenFlash Sundown is also known as:

- Sundown-GF

Table 13. Table References

Links
http://blog.trendmicro.com/trendlabs-security-intelligence/new-bizarro-sundown-exploit-kit-spreads-locky/

Angler

The Angler Exploit Kit has been the most popular and evolved exploit kit from 2014 to middle of 2016. There was several variation. The historical "indexm" variant was used to spread Lurk. A vip version used notabily to spread Poweliks, the "standard" commercial version, and a declinaison tied to load selling (mostly bankers) that can be associated to EmpirePPC

Angler is also known as:

- XXX
- AEK
- Axpergle

Table 14. Table References

Links
https://blogs.sophos.com/2015/07/21/a-closer-look-at-the-angler-exploit-kit/
http://malware.dontneedcoffee.com/2015/12/xxx-is-angler-ek.html
http://malware.dontneedcoffee.com/2016/06/is-it-end-of-angler.html

Archie

Archie EK

Table 15. Table References

Links
https://www.alienvault.com/blogs/labs-research/archie-just-another-exploit-kit

BlackHole

The BlackHole Exploit Kit has been the most popular exploit kit from 2011 to 2013. Its activity stopped with Paunch's arrest (all activity since then is anecdotal and based on an old leak)

BlackHole is also known as:

- BHEK

Table 16. Table References

Links
https://www.trustwave.com/Resources/SpiderLabs-Blog/Blackhole-Exploit-Kit-v2/
https://nakedsecurity.sophos.com/exploring-the-blackhole-exploit-kit/

Bleeding Life

Bleeding Life is an exploit kit that became open source with its version 2

Bleeding Life is also known as:

- BL
- BL2

Table 17. Table References

Links
http://www.kahusecurity.com/2011/flash-used-in-idol-malvertisement/
http://thehackernews.com/2011/10/bleeding-life-2-exploit-pack-released.html

Cool

The Cool Exploit Kit was a kind of BlackHole VIP in 2012/2013

Cool is also known as:

- CEK
- Styxy Cool

Table 18. Table References

Links
http://malware.dontneedcoffee.com/2012/10/newcoolek.html
http://malware.dontneedcoffee.com/2013/07/a-styxy-cool-ek.html
http://blog.trendmicro.com/trendlabs-security-intelligence/styx-exploit-pack-how-it-works/

Fiesta

Fiesta Exploit Kit

Fiesta is also known as:

- NeoSploit
- Fiexp

Table 19. Table References

Links
http://blog.0x3a.com/post/110052845124/an-in-depth-analysis-of-the-fiesta-exploit-kit-an
http://www.kahusecurity.com/2011/neosploit-is-back/

Empire

The Empire Pack is a variation of RIG operated by a load seller. It's being fed by many traffic actors

Empire is also known as:

- RIG-E

Table 20. Table References

Links
http://malware.dontneedcoffee.com/2016/10/rig-evolves-neutrino-waves-goodbye.html

FlashPack

FlashPack EK got multiple fork. The most common variant seen was the standalone Flash version

FlashPack is also known as:

- FlashEK
- SafePack
- CritXPack
- Vintage Pack

Table 21. Table References

Links
http://malware.dontneedcoffee.com/2012/11/meet-critxpack-previously-vintage-pack.html
http://malware.dontneedcoffee.com/2013/04/meet-safe-pack-v20-again.html

GrandSoft

GrandSoft Exploit Kit was a quite common exploit kit used in 2012/2013

GrandSoft is also known as:

- StampEK
- SofosFO

Table 22. Table References

Links
http://malware.dontneedcoffee.com/2013/09/FinallyGrandSoft.html
http://malware.dontneedcoffee.com/2012/10/neosploit-now-showing-bh-ek-20-like.html
https://nakedsecurity.sophos.com/2012/08/24/sophos-sucks-malware/

HanJuan

Hanjuan EK was a one actor fed variation of Angler EK used in evolved malvertising chain targeting USA. It has been using a 0day (CVE-2015-0313) from beginning of December 2014 till beginning of February 2015

Table 23. Table References

Links
http://www.malwaresigs.com/2013/10/14/unknown-ek/
https://blog.malwarebytes.com/threat-analysis/2014/08/shining-some-light-on-the-unknown-exploit-kit/
http://blog.trendmicro.com/trendlabs-security-intelligence/a-closer-look-at-the-exploit-kit-in-cve-2015-0313-attack
https://twitter.com/kafeine/status/562575744501428226

Himan

Himan Exploit Kit

Himan is also known as:

- High Load

Table 24. Table References

Links
http://malware.dontneedcoffee.com/2013/10/HiMan.html

Impact

Impact EK

Table 25. Table References

Links
http://malware.dontneedcoffee.com/2012/12/inside-impact-exploit-kit-back-on-track.html

Infinity

Infinity is an evolution of Redkit

Infinity is also known as:

- Redkit v2.0
- Goon

Table 26. Table References

Links
http://blog.talosintel.com/2013/11/im-calling-this-goon-exploit-kit-for-now.html
http://www.kahusecurity.com/2014/the-resurrection-of-redkit/

Lightsout

Lightsout Exploit Kit has been used in Watering Hole attack performed by the APT Group havex

Table 27. Table References

Links
http://blog.talosintel.com/2014/03/hello-new-exploit-kit.html
http://blog.talosintel.com/2014/05/continued-analysis-of-lightsout-exploit.html
http://malwageddon.blogspot.fr/2013/09/unknown-ek-by-way-how-much-is-fish.html

Nebula

Nebula Exploit Kit has been built on Sundown source and features an internal TDS

Table 28. Table References

Links
http://malware.dontneedcoffee.com/2017/03/nebula-exploit-kit.html

Niteris

Niteris was used mainly to target Russian.

Niteris is also known as:

- CottonCastle

Table 29. Table References

Links
http://malware.dontneedcoffee.com/2014/06/cottoncastle.html
http://malware.dontneedcoffee.com/2015/05/another-look-at-niteris-post.html

Nuclear

The Nuclear Pack appeared in 2009 and has been one of the longer living one. Spartan EK was a landing less variation of Nuclear Pack

Nuclear is also known as:

- NEK
- Nuclear Pack
- Spartan
- Neclu

Table 30. Table References

Links
http://blog.checkpoint.com/2016/05/17/inside-nuclears-core-unraveling-a-ransomware-as-a-service-infrastructure/

Phoenix

Phoenix Exploit Kit

Phoenix is also known as:

- PEK

Table 31. Table References

Links
http://malwareint.blogspot.fr/2010/09/phoenix-exploits-kit-v21-inside.html
http://blog.trendmicro.com/trendlabs-security-intelligence/now-exploiting-phoenix-exploit-kit-version-2-5/

Private Exploit Pack

Private Exploit Pack

Private Exploit Pack is also known as:

- PEP

Table 32. Table References

Links
http://malware.dontneedcoffee.com/2013/07/pep-new-bep.html
http://malwageddon.blogspot.fr/2013/07/unknown-ek-well-hey-hey-i-wanna-be.html

Redkit

Redkit has been a major exploit kit in 2012. One of its specific features was to allow its access against a share of a percentage of the customer's traffic

Table 33. Table References

Links
https://www.trustwave.com/Resources/SpiderLabs-Blog/A-Wild-Exploit-Kit-Appears----Meet-RedKit/
http://malware.dontneedcoffee.com/2012/05/inside-redkit.html
https://nakedsecurity.sophos.com/2013/05/09/redkit-exploit-kit-part-2/

Sakura

Description Here

Table 34. Table References

Links
http://www.xylibox.com/2012/01/sakura-exploit-pack-10.html

Sundown

Sundown Exploit Kit is mainly built out of stolen code from other exploit kits

Sundown is also known as:

- Beps
- Xer
- Beta

Table 35. Table References

Links
http://malware.dontneedcoffee.com/2015/06/fast-look-at-sundown-ek.html
https://www.virusbulletin.com/virusbulletin/2015/06/beta-exploit-pack-one-more-piece-crimeware-infection-road

Sweet-Orange

Sweet Orange

Sweet-Orange is also known as:

- SWO
- Anogre

Table 36. Table References

Links
http://malware.dontneedcoffee.com/2012/12/juice-sweet-orange-2012-12.html

Styx

Styx Exploit Kit

Table 37. Table References

Links
http://malware.dontneedcoffee.com/2012/12/crossing-styx-styx-sploit-pack-20-cve.html

https://krebsonsecurity.com/2013/07/styx-exploit-pack-domo-arigato-pc-roboto/
http://malware.dontneedcoffee.com/2013/05/inside-styx-2013-05.html

Unknown

Unknown Exploit Kit. This is a place holder for any undocumented Exploit Kit. If you use this tag, we will be more than happy to give the associated EK a deep look.

Table 38. Table References

Links
https://twitter.com/kafeine
https://twitter.com/node5
https://twitter.com/kahusecurity

Microsoft Activity Group actor

Activity groups as described by Microsoft.

Microsoft Activity Group actor is a cluster galaxy available in JSON format at https://github.com/MISP/misp-galaxy/blob/master/clusters/microsoft activity group actor.json**[this location]** The JSON format can be freely reused in your application or automatically enabled in MISP.

authors

Various

PROMETHIUM

PROMETHIUM is an activity group that has been active as early as 2012. The group primarily uses Truvasys, a first-stage malware that has been in circulation for several years. Truvasys has been involved in several attack campaigns, where it has masqueraded as one of server common computer utilities, including WinUtils, TrueCrypt, WinRAR, or SanDisk. In each of the campaigns, Truvasys malware evolved with additional features—this shows a close relationship between the activity groups behind the campaigns and the developers of the malware.

Table 39. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2016/12/14/twin-zero-day-attacks-promethium-and-neodymium-target-individuals-in-europe/

NEODYMIUM

NEODYMIUM is an activity group that is known to use a backdoor malware detected by Microsoft as Wingbird. This backdoor's characteristics closely match FinFisher, a government-grade commercial

surveillance package. Data about Wingbird activity indicate that it is typically used to attack individual computers instead of networks.

Table 40. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2016/12/14/twin-zero-day-attacks-promethium-and-neodymium-target-individuals-in-europe/

TERBIUM

Microsoft Threat Intelligence identified similarities between this recent attack and previous 2012 attacks against tens of thousands of computers belonging to organizations in the energy sector. Microsoft Threat Intelligence refers to the activity group behind these attacks as TERBIUM, following our internal practice of assigning rogue actors chemical element names.

Table 41. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2016/12/09/windows-10-protection-detection-and-response-against-recent-attacks/

STRONTIUM

STRONTIUM has been active since at least 2007. Whereas most modern untargeted malware is ultimately profit-oriented, STRONTIUM mainly seeks sensitive information. Its primary institutional targets have included government bodies, diplomatic institutions, and military forces and installations in NATO member states and certain Eastern European countries. Additional targets have included journalists, political advisors, and organizations associated with political activism in central Asia. STRONTIUM is an activity group that usually targets government agencies, diplomatic institutions, and military organizations, as well as affiliated private sector organizations such as defense contractors and public policy research institutes. Microsoft has attributed more 0-day exploits to STRONTIUM than any other tracked group in 2016. STRONTIUM frequently uses compromised e-mail accounts from one victim to send malicious e-mails to a second victim and will persistently pursue specific targets for months until they are successful in compromising the victims' computer.

STRONTIUM is also known as:

- APT 28
- APT28
- Pawn Storm
- Fancy Bear
- Sednit
- TsarTeam
- TG-4127

- Group-4127
- Sofacy
- Grey-Cloud

Table 42. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2016/11/01/our-commitment-to-our-customers-security/
http://download.microsoft.com/download/4/4/C/44CDEF0E-7924-4787-A56A-16261691ACE3/Microsoft_Security_Intelligence_Report_Volume_19_A_Profile_Of_A_Persistent_Adversary_English.pdf
https://blogs.technet.microsoft.com/mmpc/2015/11/16/microsoft-security-intelligence-report-strontium/

DUBNIUM

DUBNIUM (which shares indicators with what Kaspersky researchers have called DarkHotel) is one of the activity groups that has been very active in recent years, and has many distinctive features.

DUBNIUM is also known as:

- darkhotel

Table 43. Table References

Links
https://securelist.com/blog/research/71713/darkhotels-attacks-in-2015/
https://blogs.technet.microsoft.com/mmpc/2016/06/09/reverse-engineering-dubnium-2
https://blogs.technet.microsoft.com/mmpc/2016/06/20/reverse-engineering-dubniums-flash-targeting-exploit/
https://blogs.technet.microsoft.com/mmpc/2016/07/14/reverse-engineering-dubnium-stage-2-payload-analysis/

PLATINUM

PLATINUM has been targeting its victims since at least as early as 2009, and may have been active for several years prior. Its activities are distinctly different not only from those typically seen in untargeted attacks, but from many targeted attacks as well. A large share of targeted attacks can be characterized as opportunistic: the activity group changes its target profiles and attack geographies based on geopolitical seasons, and may attack institutions all over the world. Like many such groups, PLATINUM seeks to steal sensitive intellectual property related to government interests, but its range of preferred targets is consistently limited to specific governmental organizations, defense institutes, intelligence agencies, diplomatic institutions, and telecommunication providers in South and Southeast Asia. The group's persistent use of spear phishing tactics (phishing attempts aimed at specific individuals) and access to previously undiscovered zero-day exploits have made it a highly resilient threat.

Table 44. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2016/04/26/digging-deep-for-platinum/
http://download.microsoft.com/download/2/2/5/225BFE3E-E1DE-4F5B-A77B-71200928D209/Platinum%20feature%20article%20-%20Targeted%20attacks%20in%20South%20and%20Southeast%20Asia%20April%202016.pdf

BARIUM

Microsoft Threat Intelligence associates Winnti with multiple activity groups—collections of malware, supporting infrastructure, online personas, victimology, and other attack artifacts that the Microsoft intelligent security graph uses to categorize and attribute threat activity. Microsoft labels activity groups using code names derived from elements in the periodic table. In the case of this malware, the activity groups strongly associated with Winnti are BARIUM and LEAD. But even though they share the use of Winnti, the BARIUM and LEAD activity groups are involved in very different intrusion scenarios. BARIUM begins its attacks by cultivating relationships with potential victims—particularly those working in Business Development or Human Resources—on various social media platforms. Once BARIUM has established rapport, they spear-phish the victim using a variety of unsophisticated malware installation vectors, including malicious shortcut (.lnk) files with hidden payloads, compiled HTML help (.chm) files, or Microsoft Office documents containing macros or exploits. Initial intrusion stages feature the Win32/Barlaiy implant—notable for its use of social network profiles, collaborative document editing sites, and blogs for C&C. Later stages of the intrusions rely upon Winnti for persistent access. The majority of victims recorded to date have been in electronic gaming, multimedia, and Internet content industries, although occasional intrusions against technology companies have occurred.

Table 45. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2017/01/25/detecting-threat-actors-in-recent-german-industrial-attacks-with-windows-defender-atp/

LEAD

In contrast, LEAD has established a far greater reputation for industrial espionage. In the past few years, LEAD's victims have included: Multinational, multi-industry companies involved in the manufacture of textiles, chemicals, and electronics Pharmaceutical companies A company in the chemical industry University faculty specializing in aeronautical engineering and research A company involved in the design and manufacture of motor vehicles A cybersecurity company focusing on protecting industrial control systems During these intrusions, LEAD's objective was to steal sensitive data, including research materials, process documents, and project plans. LEAD also steals code-signing certificates to sign its malware in subsequent attacks. In most cases, LEAD's attacks do not feature any advanced exploit techniques. The group also does not make special effort to cultivate victims prior to an attack. Instead, the group often simply emails a Winnti installer to potential victims, relying on basic social engineering tactics to convince recipients to run the attached malware. In some other cases, LEAD gains access to a target by brute-forcing remote access login credentials, performing SQL injection, or exploiting unpatched web servers, and then

they copy the Winnti installer directly to compromised machines.

Table 46. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2017/01/25/detecting-threat-actors-in-recent-german-industrial-attacks-with-windows-defender-atp/

ZIRCONIUM

In addition to strengthening generic detection of EoP exploits, Microsoft security researchers are actively gathering threat intelligence and indicators attributable to ZIRCONIUM, the activity group using the CVE-2017-0005 exploit.

Table 47. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2017/03/27/detecting-and-mitigating-elevation-of-privilege-exploit-for-cve-2017-0005/

Preventive Measure

Preventive measures based on the ransomware document overview as published in https://docs.google.com/spreadsheets/d/1TWS238xacAto-fLKh1n5uTsdijWdCEsGIM0Y0Hvmc5g/pubhtml# . The preventive measures are quite generic and can fit any standard Windows infrastructure and their security measures..

Preventive Measure is a cluster galaxy available in JSON format at https://github.com/MISP/misp-galaxy/blob/master/clusters/preventive measure.json[**this location**] The JSON format can be freely reused in your application or automatically enabled in MISP.

authors

Various

Backup and Restore Process

Make sure to have adequate backup processes on place and frequently test a restore of these backups. (Schrödinger's backup - it is both existent and non-existent until you've tried a restore

Table 48. Table References

Links
http://windows.microsoft.com/en-us/windows/back-up-restore-faq#1TC=windows-7 .[http://windows.microsoft.com/en-us/windows/back-up-restore-faq#1TC=windows-7.]

Block Macros

Disable macros in Office files downloaded from the Internet. This can be configured to work in two different modes: A.) Open downloaded documents in 'Protected View' B.) Open downloaded documents and block all macros

Table 49. Table References

Links
https://support.office.com/en-us/article/Enable-or-disable-macros-in-Office-files-12b036fd-d140-4e74-b45e-16fed1a7e5c6?ui=en-US&rs=en-US&ad=US
https://www.404techsupport.com/2016/04/office2016-macro-group-policy/?utm_source=dlvr.it&utm_medium=twitter

Disable WSH

Disable Windows Script Host

Table 50. Table References

Links
http://www.windowsnetworking.com/kbase/WindowsTips/WindowsXP/AdminTips/Customization/DisableWindowsScriptingHostWSH.html

Filter Attachments Level 1

Filter the following attachments on your mail gateway: .ade, .adp, .ani, .bas, .bat, .chm, .cmd, .com, .cpl, .crt, .exe, .hlp, .ht, .hta, .inf, .ins, .isp, .jar, .job, .js, .jse, .lnk, .mda, .mdb, .mde, .mdz, .msc, .msi, .msp, .mst, .ocx, .pcd, .ps1, .reg, .scr, .sct, .shs, .svg, .url, .vb, .vbe, .vbs, .wbk, .wsc, .ws, .wsf, .wsh, .exe, .pif, .pub

Filter Attachments Level 2

Filter the following attachments on your mail gateway: (Filter expression of Level 1 plus) .doc, .xls, .rtf, .docm, .xlsm, .pptm

Restrict program execution

Block all program executions from the %LocalAppData% and %AppData% folder

Table 51. Table References

Links
http://www.fatdex.net/php/2014/06/01/disable-exes-from-running-inside-any-user-appdata-directory-gpo/
http://www.thirdtier.net/ransomware-prevention-kit/

Show File Extensions

Set the registry key "HideFileExt" to 0 in order to show all file extensions, even of known file types. This helps avoiding cloaking tricks that use double extensions. (e.g. "not_a_virus.pdf.exe")

Table 52. Table References

Links
http://www.sevenforums.com/tutorials/10570-file-extensions-hide-show.htm

Enforce UAC Prompt

Enforce administrative users to confirm an action that requires elevated rights

Table 53. Table References

Links
https://technet.microsoft.com/en-us/library/dd835564(WS.10).aspx

Remove Admin Privileges

Remove and restrict administrative rights whenever possible. Malware can only modify files that users have write access to.

Restrict Workstation Communication

Activate the Windows Firewall to restrict workstation to workstation communication

Sandboxing Email Input

Using sandbox that opens email attachments and removes attachments based on behavior analysis

Execution Prevention

Software that allows to control the execution of processes - sometimes integrated in Antivirus software Free: AntiHook, ProcessGuard, System Safety Monitor

Change Default "Open With" to Notepad

Force extensions primarily used for infections to open up in Notepad rather than Windows Script Host or Internet Explorer

Table 54. Table References

Links
https://bluesoul.me/2016/05/12/use-gpo-to-change-the-default-behavior-of-potentially-malicious-file-extensions/

File Screening

Server-side file screening with the help of File Server Resource Manager

Table 55. Table References

Links
http://jpelectron.com/sample/Info%20and%20Documents/Stop%20crypto%20badware%20before%20it%20ruins%20your%20day/1-PreventCrypto-Readme.htm

Restrict program execution #2

Block program executions (AppLocker)

Table 56. Table References

Links
https://technet.microsoft.com/en-us/library/dd759117%28v=ws.11%29.aspx
http://social.technet.microsoft.com/wiki/contents/articles/5211.how-to-configure-applocker-group-policy-to-prevent-software-from-running.aspx

EMET

Detect and block exploitation techniques

Table 57. Table References

Links
www.microsoft.com/emet[www.microsoft.com/emet]
http://windowsitpro.com/security/control-emet-group-policy

Sysmon

Detect Ransomware in an early stage with new Sysmon 5 File/Registry monitoring

Table 58. Table References

Links
https://twitter.com/JohnLaTwC/status/799792296883388416

Ransomware

Ransomware galaxy based on https://docs.google.com/spreadsheets/d/1TWS238xacAto-fLKh1n5uTsdijWdCEsGIM0Y0Hvmc5g/pubhtml and http://pastebin.com/raw/GHgpWjar.

Ransomware is a cluster galaxy available in JSON format at **this location** The JSON format can be freely reused in your application or automatically enabled in MISP.

authors

https://docs.google.com/spreadsheets/d/1TWS238xacAto-fLKh1n5uTsdijWdCEsGIM0Y0Hvmc5g/pubhtml - http://pastebin.com/raw/GHgpWjar

Nhtnwcuf Ransomware (Fake)

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 59. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/nhtnwcuf-ransomware.html

CryptoJacky Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 60. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/cryptojacky-ransomware.html
https://twitter.com/jiriatvirlab/status/838779371750031360

Kaenlupuf Ransomware

About: This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 61. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/kaenlupuf-ransomware.html

EnjeyCrypter Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 62. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/enjey-crypter-ransomware.html
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-march-10th-2017-spora-cerber-and-technical-writeups/
https://www.bleepingcomputer.com/news/security/embittered-enjey-ransomware-developer-launches-ddos-attack-on-id-ransomware/

Dangerous Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 63. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/dangerous-ransomware.html

Vortex Ransomware or Ŧl tєr r rє

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 64. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/vortex-ransomware.html
https://twitter.com/struppigel/status/839778905091424260

GC47 Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 65. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/gc47-ransomware.html

RozaLocker Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 66. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/rozalocker-ransomware.html
https://twitter.com/jiriatvirlab/status/840863070733885440

CryptoMeister Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 67. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/cryptomeister-ransomware.html

GG Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Poses as Hewlett-Packard 2016

Table 68. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/gg-ransomware.html

Project34 Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 69. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/project34-ransomware.html

PetrWrap Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 70. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/petrwrap-ransomware.html
https://www.bleepingcomputer.com/news/security/petrwrap-ransomware-is-a-petya-offspring-used-in-targeted-attacks/
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-march-17th-2017-revenge-petrwrap-and-captain-kirk/
https://securelist.com/blog/research/77762/petrwrap-the-new-petya-based-ransomware-used-in-targeted-attacks/

Karmen Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. RaaS, baed on HiddenTear

Table 71. Table References

Links
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-march-17th-2017-revenge-petrwrap-and-captain-kirk/
https://id-ransomware.blogspot.co.il/2017/03/karmen-ransomware.html
https://twitter.com/malwrhunterteam/status/841747002438361089

Revenge Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. CryptoMix / CryptFile2 Variant

Table 72. Table References

Links
https://www.bleepingcomputer.com/news/security/revenge-ransomware-a-cryptomix-variant-being-distributed-by-rig-exploit-kit/
https://id-ransomware.blogspot.co.il/2017/03/revenge-ransomware.html

Turkish FileEncryptor Ransomware or Fake CTB-Locker

his is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 73. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/turkish-fileencryptor.html
https://twitter.com/JakubKroustek/status/842034887397908480

Kirk Ransomware & Spock Decryptor

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Payments in Monero

Table 74. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/kirkspock-ransomware.html
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-march-17th-2017-revenge-petrwrap-and-captain-kirk/
https://www.bleepingcomputer.com/forums/t/642239/kirk-ransomware-help-support-topic-kirk-extension-ransom-notetxt/
http://www.networkworld.com/article/3182415/security/star-trek-themed-kirk-ransomware-has-spock-decryptor-demands-ransom-be-paid-in-monero.html
http://www.securityweek.com/star-trek-themed-kirk-ransomware-emerges
https://www.grahamcluley.com/kirk-ransomware-sports-star-trek-themed-decryptor-little-known-crypto-currency/
https://www.virustotal.com/en/file/39a2201a88f10d81b220c973737f0becedab2e73426ab9923880fb0fb990c5cc/analysis/

ZinoCrypt Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 75. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/zinocrypt-ransomware.html
https://twitter.com/demonslay335?lang=en
https://twitter.com/malwrhunterteam/status/842781575410597894

Crptxxx Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Uses @enigma0x3's UAC bypass

Table 76. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/crptxxx-ransomware.html
https://www.bleepingcomputer.com/forums/t/609690/ultracrypter-cryptxxx-ultradecrypter-ransomware-help-topic-crypt-cryp1/page-84
http://www.fixinfectedpc.com/uninstall-crptxxx-ransomware-from-pc
https://twitter.com/malwrhunterteam/status/839467168760725508

MOTD Ransomware

About: This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 77. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/motd-ransomware.html
https://www.bleepingcomputer.com/forums/t/642409/motd-of-ransome-hostage/
https://www.bleepingcomputer.com/forums/t/642409/motd-ransomware-help-support-topics-motdtxt-and-enc-extension/

CryptoDevil Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 78. Table References

Links

https://id-ransomware.blogspot.co.il/2017/03/cryptodevil-ransomware.html
https://twitter.com/PolarToffee/status/843527738774507522

FabSysCrypto Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Based on HiddenTear

Table 79. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/fabsyscrypto-ransomware.html
https://twitter.com/struppigel/status/837565766073475072

Lock2017 Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 80. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/lock2017-ransomware.html

RedAnts Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 81. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/redants-ransomware.html

ConsoleApplication1 Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 82. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/consoleapplication1-ransomware.html

KRider Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 83. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/krider-ransomware.html
https://twitter.com/malwrhunterteam/status/836995570384453632

CYR-Locker Ransomware (FAKE)

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. The following note is what you get if you put in the wrong key code: https://3.bp.blogspot.com/-qsS0x-tHx00/WLM3kkKWKAI/AAAAAAAAEDg/Zhy3eYf-ek8fY5uM0yHs7E0fEFg2AXG-gCLcB/s1600/failed-key.jpg

Table 84. Table References

Links
https://id-ransomware.blogspot.co.il/search?updated-min=2017-01-01T00:00:00-08:00&updated-max=2018-01-01T00:00:00-08:00&max-results=50

DotRansomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 85. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/dotransomware.html

Unlock26 Ransomware

About: This is most likely to affect English speaking users, since the note is written in English.

English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments.All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 86. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/unlock26-ransomware.html
https://www.bleepingcomputer.com/news/security/new-raas-portal-preparing-to-spread-unlock26-ransomware/

PicklesRansomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Python Ransomware

Table 87. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/pickles-ransomware.html
https://twitter.com/JakubKroustek/status/834821166116327425

Vanguard Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. This ransomware poses at MSOffice to fool users into opening the infected file. GO Ransomware

Table 88. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/vanguard-ransomware.html
https://twitter.com/JAMESWT_MHT/status/834783231476166657

PyL33T Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 89. Table References

Links

https://id-ransomware.blogspot.co.il/2017/02/pyl33t-ransomware.html
https://twitter.com/Jan0fficial/status/834706668466405377

TrumpLocker Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. This is the old VenusLocker in disquise .To delete shadow files use the following commend: C:\Windows\system32\wbem\wmic.exe shadowcopy delete&exit https://2.bp.blogspot.com/-8qIiBHnE9yU/WK1mZn3LgwI/AAAAAAAAD-M/ZKl7_Iwr1agYtlVO3HXaUrwitcowp5_NQCLcB/s1600/lock.jpg

Table 90. Table References

Links
https://www.bleepingcomputer.com/news/security/new-trump-locker-ransomware-is-a-fraud-just-venuslocker-in-disguise/
https://id-ransomware.blogspot.co.il/2017/02/trumplocker.html
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-february-24th-2017-trump-locker-macos-rw-and-cryptomix/

Damage Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Written in Delphi

Table 91. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/damage-ransomware.html
https://decrypter.emsisoft.com/damage
https://twitter.com/demonslay335/status/835664067843014656

XYZWare Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Based on HiddenTear

Table 92. Table References

Links

https://id-ransomware.blogspot.co.il/2017/02/xyzware-ransomware.html
https://twitter.com/malwrhunterteam/status/833636006721122304

YouAreFucked Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 93. Table References

Links
https://www.enigmasoftware.com/youarefuckedransomware-removal/

CryptConsole 2.0 Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 94. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/cryptconsole-2-ransomware.html

BarRax Ransomware or BarRaxCrypt Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Based on HiddenTear

Table 95. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/barraxcrypt-ransomware.html
https://twitter.com/demonslay335/status/835668540367777792

CryptoLocker by NTK Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 96. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/cryptolocker-by-ntk-ransomware.html

UserFilesLocker Ransomware or CzechoSlovak Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 97. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/userfileslocker-ransomware.html

AvastVirusinfo Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. PAYING RANSOM IS USELESS, YOUR FILES WILL NOT BE FIXED. THE DAMAGE IS PERMENENT!!!!

Table 98. Table References

Links
https://id-ransomware.blogspot.co.il/2017_03_01_archive.html
https://id-ransomware.blogspot.co.il/2017/03/avastvirusinfo-ransomware.html

FabSysCrypto Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 99. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/fabsyscrypto-ransomware.html

SuchSecurity Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is

understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 100. Table References

Links
https://id-ransomware.blogspot.co.il/2017/03/suchsecurity-ransomware.html

PleaseRead Ransomware or VHDLocker Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 101. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/vhd-ransomware.html

Kasiski Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 102. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/kasiski-ransomware.html
https://twitter.com/MarceloRivero/status/832302976744173570
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-february-17th-2017-live-hermes-reversing-and-scada-poc-ransomware/

Fake Locky Ransomware or Locky Impersonator Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 103. Table References

Links
https://www.bleepingcomputer.com/news/security/the-locky-ransomware-encrypts-local-files-and-unmapped-network-shares/
https://id-ransomware.blogspot.co.il/2017/02/locky-impersonator.html

https://www.bleepingcomputer.com/news/security/locky-ransomware-switches-to-thor-extension-after-being-a-bad-malware/

CryptoShield 1.0 Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. CryptoShield 1.0 is a ransomware from the CryptoMix family.

Table 104. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/cryptoshield-2-ransomware.html
https://www.bleepingcomputer.com/news/security/cryptomix-variant-named-cryptoshield-1-0-ransomware-distributed-by-exploit-kits/

Hermes Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Filemarker: "HERMES"

Table 105. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/hermes-ransomware.html
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-february-17th-2017-live-hermes-reversing-and-scada-poc-ransomware/
https://www.bleepingcomputer.com/forums/t/642019/hermes-ransomware-help-support-decrypt-informationhtml/
https://www.bleepingcomputer.com/news/security/hermes-ransomware-decrypted-in-live-video-by-emsisofts-fabian-wosar/

LoveLock Ransomware or Love2Lock Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 106. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/lovelock-ransomware.html

Wcry Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 107. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/wcry-ransomware.html

DUMB Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 108. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/dumb-ransomware.html
https://twitter.com/bleepincomputer/status/816053140147597312?lang=en

X-Files

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 109. Table References

Links
https://id-ransomware.blogspot.co.il/2017_02_01_archive.html
https://id-ransomware.blogspot.co.il/2017/02/x-files-ransomware.html

Polski Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The Ransom is 249$ and the hacker demands that the victim gets in contact through e-mail and a Polish messenger called Gadu-Gadu.

Table 110. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/polski-ransomware.html

YourRansom Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. This hacker demands that the victim contacts him through email and decrypts the files for FREE.(moreinfo in the link below)

Table 111. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/yourransom-ransomware.html
https://www.bleepingcomputer.com/news/security/yourransom-is-the-latest-in-a-long-line-of-prank-and-educational-ransomware/
https://twitter.com/_ddoxer/status/827555507741274113

Ranion RaasRansomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Ranion Raas gives the opportunity to regular people to buy and distribute ransomware for a very cheap price. (More info in the link below). RaaS service

Table 112. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/ranion-raas.html
https://www.bleepingcomputer.com/news/security/ranion-ransomware-as-a-service-available-on-the-dark-web-for-educational-purposes/

Potato Ransomware

Wants a ransom to get the victim’s files back . Originated in English. Spread worldwide.

Table 113. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/polato-ransomware.html

# of Ransomware: OpenToYou (Formerly known as OpenToDecrypt)

This ransomware is originated in English, therefore could be used worldwide. Ransomware is spread with the help of email spam, fake ads, fake updates, infected install files.

Table 114. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/opentodecrypt-ransomware.html

RansomPlus

Author of this ransomware is sergej. Ransom is 0.25 bitcoins for the return of files. Originated in English. Used worldwide. This ransomware is spread with the help of email spam, fake ads, fake updates, infected install files.

Table 115. Table References

Links
http://www.2-spyware.com/remove-ransomplus-ransomware-virus.html
https://id-ransomware.blogspot.co.il/2017/01/ransomplus-ransomware.html
https://twitter.com/jiriatvirlab/status/825411602535088129

CryptConsole

This ransomware does not actually encrypt your file, but only changes the names of your files, just like Globe Ransomware. This ransomware is spread with the help of email spam, fake ads, fake updates, infected install files

Table 116. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/cryptconsole-ransomware.html
https://www.bleepingcomputer.com/forums/t/638344/cryptconsole-uncrypteoutlookcom-support-topic-how-decrypt-fileshta/
https://twitter.com/PolarToffee/status/824705553201057794

ZXZ Ramsomware

Originated in English, could affect users worldwide, however so far only reports from Saudi Arabia. The malware name founded by a windows server tools is called win32/wagcrypt.A

Table 117. Table References

Links
https://www.bleepingcomputer.com/forums/t/638191/zxz-ransomware-support-help-topic-zxz/?hl=%2Bzxz#entry4168310
https://id-ransomware.blogspot.co.il/2017/01/zxz-ransomware.html

===

Table 118. Table References

Links

[]

VxLock Ransomware

Developed in Visual Studios in 2010. Original name is VxCrypt. This ransomware encrypts your files, including photos, music, MS office, Open Office, PDF… etc

Table 119. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/vxlock-ransomware.html

FunFact Ransomware

Funfact uses an open code for GNU Privacy Guard (GnuPG), then asks to email them to find out the amout of bitcoin to send (to receive a decrypt code). Written in English, can attach all over the world. The ransom is 1.22038 BTC, which is 1100USD.

Table 120. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/funfact.html
http://www.enigmasoftware.com/funfactransomware-removal/

ZekwaCrypt Ransomware

First spotted in May 2016, however made a big comeback in January 2017. It's directed to English speaking users, therefore is able to infect worldwide. Ransomware is spread with the help of email spam, fake ads, fake updates, infected install files.

Table 121. Table References

Links
https://id-ransomware.blogspot.co.il/2016/06/zekwacrypt-ransomware.html
http://www.2-spyware.com/remove-zekwacrypt-ransomware-virus.html

Sage 2.0 Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. This ransomware attacks your MS Office by offering a Micro to help with your program, but instead incrypts all your files if the used id not protected. Predecessor CryLocker

Table 122. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/sage-2-ransomware.html
https://isc.sans.edu/forums/diary/Sage+20+Ransomware/21959/

http://www.securityweek.com/sage-20-ransomware-demands-2000-ransom
https://www.bleepingcomputer.com/news/security/sage-2-0-ransomware-gearing-up-for-possible-greater-distribution/
https://www.govcert.admin.ch/blog/27/sage-2.0-comes-with-ip-generation-algorithm-ipga

CloudSword Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. Uses the name "Window Update" to confuse its victims. Then imitates the window update process , while turning off the Window Startup Repair and changes the BootStatusPolicy using these commands: bcdedit.exe /set {default} recoveryenabled No bcdedit.exe /set {default} bootstatuspolicy ignoreallfailures

Table 123. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/cloudsword.html
http://bestsecuritysearch.com/cloudsword-ransomware-virus-removal-steps-protection-updates/
https://twitter.com/BleepinComputer/status/822653335681593345

DN or DoNotOpen Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. Uses the name "Chrome Update" to confuse its victims. Then imitates the chrome update process ,while encrypting the files. DO NOT pay the ransom, since YOUR COMPUTER WILL NOT BE RESTORED FROM THIS MALWARE!!!!

Table 124. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/dn-donotopen.html

GarryWeber Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. Its original name is FileSpy and FileSpy Application. It is spread using email spam, fake updates, infected attachments and so on. It encryps all your files, including: music, MS Office, Open Office, pictures etc..

Table 125. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/garryweber.html

Satan Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. Its original name is

RAAS RANSOMWARE. It is spread using email spam, fake updates, infected attachments and so on. It encryps all your files, including: music, MS Office, Open Office, pictures etc.. This ransomware promotes other to download viruses and spread them as ransomware to infect other users and keep 70% of the ransom. (leaving the other 30% to Satan) https://3.bp.blogspot.com/-7fwX40eYL18/WH-tfpNjDgI/AAAAAAAADPk/KVP_ji8lR0gENCMYhb324mfzIFFpiaOwACLcB/s1600/site-raas.gif RaaS

Table 126. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/satan-raas.html
https://www.bleepingcomputer.com/forums/t/637811/satan-ransomware-help-support-topic-stn-extension-help-decrypt-fileshtml/
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-january-20th-2017-satan-raas-spora-locky-and-more/
https://www.bleepingcomputer.com/news/security/new-satan-ransomware-available-through-a-ransomware-as-a-service-/
https://twitter.com/Xylit0l/status/821757718885236740

Havoc or HavocCrypt Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, infected attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures , videos, shared online files etc..

Table 127. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/havoc-ransomware.html

CryptoSweetTooth Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Its fake name is Bitcoin and maker’s name is Santiago. Work of the encrypted requires the user to have .NET Framework 4.5.2. on his computer.

Table 128. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/cryptosweettooth.html
http://sensorstechforum.com/remove-cryptosweettooth-ransomware-restore-locked-files/

Kaandsona Ransomware or RansomTroll Ransomware or Käändsõna Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email

spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The word Kaandsona is Estonian, therefore the creator is probably from Estonia. Crashes before it encrypts

Table 129. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/kaandsona-ransomtroll.html
https://twitter.com/BleepinComputer/status/819927858437099520

LambdaLocker Ransomware

It's directed to English and Chinese speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Python Ransomware

Table 130. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/lambdalocker.html
http://cfoc.org/how-to-restore-files-affected-by-the-lambdalocker-ransomware/

NMoreia 2.0 Ransomware or HakunaMatataRansomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 131. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/hakunamatata.html
https://id-ransomware.blogspot.co.il/2016_03_01_archive.html

Marlboro Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Ransom is .2 bitcoin, however there is no point of even trying to pay, since this damage is irreversible. Once the ransom is paid the hacker does not return decrypt the files. Another name is DeMarlboro and it is written in language C++. Pretend to encrypt using RSA-2048 and AES-128 (really it's just XOR)

Table 132. Table References

Links

https://id-ransomware.blogspot.co.il/2017/01/marlboro.html
https://decrypter.emsisoft.com/marlboro
https://www.bleepingcomputer.com/news/security/marlboro-ransomware-defeated-in-one-day/

Spora Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Sample of a spam email with a viral attachment: https://4.bp.blogspot.com/-KkJXiHG80S0/WHX4TBpkamI/AAAAAAAADDg/F_bN796ndMYnzfUsgSWMXhRxFf3Ic-HtACLcB/s1600/spam-email.png

Table 133. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/spora-ransomware.html
https://blog.gdatasoftware.com/2017/01/29442-spora-worm-and-ransomware
http://blog.emsisoft.com/2017/01/10/from-darknet-with-love-meet-spora-ransomware/

CryptoKill Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The files get encrypted, but the decrypt key is not available. NO POINT OF PAYING THE RANSOM, THE FILES WILL NOT BE RETURNED.

Table 134. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/cryptokill-ransomware.html

All_Your_Documents Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 135. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/allyourdocuments-ransomware.html

SerbRansom 2017 Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office,

Open Office, pictures, videos, shared online files etc.. The ransom is 500$ in bitcoins. The name of the hacker is R4z0rx0r Serbian Hacker.

Table 136. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/serbransom-2017.html
https://www.bleepingcomputer.com/news/security/ultranationalist-developer-behind-serbransom-ransomware/
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-february-10th-2017-serpent-spora-id-ransomware/
https://twitter.com/malwrhunterteam/status/830116190873849856

Fadesoft Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The ransom is 0.33 bitcoins.

Table 137. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/fadesoft-ransomware.html
https://twitter.com/malwrhunterteam/status/829768819031805953
https://twitter.com/malwrhunterteam/status/838700700586684416

HugeMe Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 138. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/hugeme-ransomware.html
https://www.ozbargain.com.au/node/228888?page=3
https://id-ransomware.blogspot.co.il/2016/04/magic-ransomware.html

DynA-Crypt Ransomware or DynA CryptoLocker Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 139. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/dyna-crypt-ransomware.html
https://www.bleepingcomputer.com/news/security/dyna-crypt-not-only-encrypts-your-files-but-also-steals-your-info/

Serpent 2017 Ransomware or Serpent Danish Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 140. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/serpent-danish-ransomware.html

Erebus 2017 Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 141. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/erebus-2017-ransomware.html
https://www.bleepingcomputer.com/news/security/erebus-ransomware-utilizes-a-uac-bypass-and-request-a-90-ransom-payment/

Cyber Drill Exercise or Ransomuhahawhere

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 142. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/ransomuhahawhere.html

Cancer Ransomware FAKE

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. This is a trollware that does not encrypt your files but

makes your computer act crazy (like in the video in the link below). It is meant to be annoying and it is hard to erase from your PC, but possible.

Table 143. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/cancer-ransomware.html
https://www.bleepingcomputer.com/news/security/watch-your-computer-go-bonkers-with-cancer-trollware/

UpdateHost Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Poses as Microsoft Copyright 2017 and requests ransom in bitcoins.

Table 144. Table References

Links
https://id-ransomware.blogspot.co.il/2017/02/updatehost-ransomware.html
https://www.bleepingcomputer.com/startups/Windows_Update_Host-16362.html

Nemesis Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Ransom is 10 bitcoins.

Table 145. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/nemesis-ransomware.html

Evil Ransomware or File0Locked KZ Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Domain KZ is used, therefore it is assumed that the decrypter is from Kazakhstan. Coded in Javascript

Table 146. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/evil-ransomware.html
http://www.enigmasoftware.com/evilransomware-removal/
http://usproins.com/evil-ransomware-is-lurking/

https://twitter.com/jiriatvirlab/status/818443491713884161
https://twitter.com/PolarToffee/status/826508611878793219

Ocelot Ransomware or Ocelot Locker Ransomware (FAKE RANSOMWARE)

It's directed to English speaking users, therefore is able to infect worldwide. This is a fake ransomware. Your files are not really encrypted, however the attacker does ask for a ransom of .03 bitcoins. It is still dangerous even though it is fake, he still go through to your computer.

Table 147. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/ocelot-ransomware.html
https://twitter.com/malwrhunterteam/status/817648547231371264

SkyName Ransomware or Blablabla Ransomware

It's directed to Czechoslovakianspeaking users. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Based on HiddenTear

Table 148. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/skyname-ransomware.html
https://twitter.com/malwrhunterteam/status/817079028725190656

MafiaWare Ransomware or Depsex Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Ransom is 155$ inbitcoins. Creator of ransomware is called Mafia. Based on HiddenTear

Table 149. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/mafiaware.html
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-january-6th-2017-fsociety-mongodb-pseudo-darkleech-and-more/
https://twitter.com/BleepinComputer/status/817069320937345024

Globe3 Ransomware or Purge Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Ransom is 3 bitcoins. Extesion depends on the config file. It seems Globe is a ransomware kit.

Table 150. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/globe3-ransomware.html
https://www.bleepingcomputer.com/forums/t/624518/globe-ransomware-help-and-support-purge-extension-how-to-restore-fileshta/
https://www.bleepingcomputer.com/news/security/the-globe-ransomware-wants-to-purge-your-files/
https://decryptors.blogspot.co.il/2017/01/globe3-decrypter.html
https://decrypter.emsisoft.com/globe3

BleedGreen Ransomware or FireCrypt Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Ransom is 500$ in bitcoins. Requires .NET Framework 4.0. Gets into your startup system and sends you notes like the one below: https://4.bp.blogspot.com/-xrr6aoB_giw/WG1UrGpmZJI/AAAAAAAAC-Q/KtKdQP6iLY4LHaHgudF5dKs6i1JHQOBmgCLcB/s1600/green1.jpg

Table 151. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/bleedgreen-ransomware.html
https://www.bleepingcomputer.com/news/security/firecrypt-ransomware-comes-with-a-ddos-component/

BTCamant Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Original name is Mission 1996 or Mission: "Impossible" (1996) (like the movie)

Table 152. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/btcamant.html

X3M Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. It is also possible to break in using RDP Windows with the help of Pass-the-Hash system, PuTTY, mRemoteNG, TightVNC, Chrome Remote Desktop, modified version of TeamViewer, AnyDesk, AmmyyAdmin, LiteManager, Radmin and others. Ransom is 700$ in Bitcoins.

Table 153. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/x3m-ransomware.html

GOG Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 154. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/gog-ransomware.html
https://twitter.com/BleepinComputer/status/816112218815266816

EdgeLocker

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Ransom is 0.1 Bitcoins. Original name is TrojanRansom.

Table 155. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/edgelocker-ransomware.html
https://twitter.com/BleepinComputer/status/815392891338194945

Red Alert

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Fake name: Microsoft Corporation. Based on HiddenTear

Table 156. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/red-alert-ransomware.html
https://twitter.com/JaromirHorejsi/status/815557601312329728

First

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 157. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/first-ransomware.html

XCrypt Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Written on Delphi. The user requests the victim to get in touch with him through ICQ to get the ransom and return the files.

Table 158. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/xcrypt-ransomware.html
https://twitter.com/JakubKroustek/status/825790584971472902

7Zipper Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 159. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/7zipper-ransomware.html
https://1.bp.blogspot.com/-ClM0LCPjQuk/WI-BgHTpdNI/AAAAAAAADc8/JyEQ8-pcJmsXIntuP-MMdE-pohVncxTXQCLcB/s1600/7-zip-logo.png

Zyka Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Ransom is 170$ or EUR in Bitcoins.

Table 160. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/zyka-ransomware.html
https://www.pcrisk.com/removal-guides/10899-zyka-ransomware
https://download.bleepingcomputer.com/demonslay335/StupidDecrypter.zip
https://twitter.com/GrujaRS/status/826153382557712385

SureRansom Ransomeware (Fake)

It's directed to English speaking users, therefore is able to strike worldwide. This ransomware does not really encrypt your files. Ransom requested is £50 using credit card.

Table 161. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/sureransom-ransomware.html
http://www.forbes.com/sites/leemathews/2017/01/27/fake-ransomware-is-tricking-people-into-paying/#777faed0381c

Netflix Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. This ransomware uses the known online library as a decoy. It poses as Netflix Code generator for Netflix login, but instead encrypts your files. The ransom is 100$ in Bitcoins.

Table 162. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/netflix-ransomware.html
http://blog.trendmicro.com/trendlabs-security-intelligence/netflix-scam-delivers-ransomware/
https://www.bleepingcomputer.com/news/security/rogue-netflix-app-spreads-netix-ransomware-that-targets-windows-7-and-10-users/
http://www.darkreading.com/attacks-breaches/netflix-scam-spreads-ransomware/d/d-id/1328012
https://4.bp.blogspot.com/-bQQ4DTIClvA/WJCIh6Uq2nI/AAAAAAAADfY/hB5HcjuGgh8rRJKeLHo*IRz3Ezth22-wCEw/s1600/form1.jpg[https://4.bp.blogspot.com/-bQQ4DTIClvA/WJCIh6Uq2nI/AAAAAAAADfY/hB5HcjuGgh8rRJKeLHo*IRz3Ezth22-wCEw/s1600/form1.jpg]
https://4.bp.blogspot.com/-ZnWdPDprJOg/WJCPeCtP4HI/AAAAAAAADfw/kR0ifI1naSwTAwSuOPiw8ZCPr0tSIz1CgCLcB/s1600/netflix-akk.png

CryptoShield 1.0 Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email

spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. CryptoShield 1.0 is a ransomware from the CryptoMixfamily.

Table 163. Table References

Links
https://id-ransomware.blogspot.co.il/2017/01/cryptoshield-ransomware.html
https://www.bleepingcomputer.com/news/security/cryptomix-variant-named-cryptoshield-1-0-ransomware-distributed-by-exploit-kits/

Merry Christmas, Merry X-Mas or MRCR

It's directed to English and Italian speaking users, therefore is able to infect worldwide. Most attacks are on organizations and servers. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. They pose as a Consumer complaint notification that's coming from Federal Trade Commission from USA, with an attached file called "complaint.pdf". Written in Delphi by hacker MicrRP.

Table 164. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/mrcr1-ransomware.html
https://www.bleepingcomputer.com/news/security/-merry-christmas-ransomware-now-steals-user-private-data-via-diamondfox-malware/
http://www.zdnet.com/article/not-such-a-merry-christmas-the-ransomware-that-also-steals-user-data/
https://www.bleepingcomputer.com/news/security/merry-christmas-ransomware-and-its-dev-comodosecurity-not-bringing-holiday-cheer/
https://decrypter.emsisoft.com/mrcr

Seoirse Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Seoirse is how in Ireland people say the name George. Ransom is 0.5 Bitcoins.

Table 165. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/seoirse-ransomware.html

KillDisk Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email

spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Every file is encrypted with a personal AES-key, and then AES-key encrypts with a RSA-1028 key. Hacking by TeleBots (Sandworm). Goes under a fake name: Update center or Microsoft Update center.

Table 166. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/killdisk-ransomware.html
https://www.bleepingcomputer.com/news/security/killdisk-ransomware-now-targets-linux-prevents-boot-up-has-faulty-encryption/
https://www.bleepingcomputer.com/news/security/killdisk-disk-wiping-malware-adds-ransomware-component/
http://www.zdnet.com/article/247000-killdisk-ransomware-demands-a-fortune-forgets-to-unlock-files/
http://www.securityweek.com/destructive-killdisk-malware-turns-ransomware
http://www.welivesecurity.com/2017/01/05/killdisk-now-targeting-linux-demands-250k-ransom-cant-decrypt/
https://cyberx-labs.com/en/blog/new-killdisk-malware-brings-ransomware-into-industrial-domain/

DeriaLock Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Maker is arizonacode and ransom amount is 20-30$. If the victim decides to pay the ransom, he will have to copy HWID and then speak to the hacker on Skype and forward him the payment.

Table 167. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/derialock-ransomware.html
https://www.bleepingcomputer.com/news/security/new-derialock-ransomware-active-on-christmas-includes-an-unlock-all-command/
[]

BadEncript Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 168. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/badencript-ransomware.html

https://twitter.com/demonslay335/status/813064189719805952

AdamLocker Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The name of the creator is puff69.

Table 169. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/adamlocker-ransomware.html

Alphabet Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. This ransomware poses as Windows 10 Critical Update Service. Offers you to update your Windows 10, but instead encrypts your files. For successful attack, the victim must have .NET Framework 4.5.2 installed on him computer.

Table 170. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/alphabet-ransomware.html
https://twitter.com/PolarToffee/status/812331918633172992

KoKoKrypt Ransomware or KokoLocker Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread by its creator in forums. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files and documents and more. The ransom is 0.1 bitcoins within 72 hours. Uses Windows Update as a decoy. Creator: Talnaci Alexandru

Table 171. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/kokokrypt-ransomware.html
http://removevirusadware.com/tips-for-removeing-kokokrypt-ransomware/

L33TAF Locker Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Ransom is 0.5 bitcoins. The name of the creator is staffttt, he also created Fake CryptoLocker

Table 172. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/l33taf-locker-ransomware.html

PClock4 Ransomware or PClock SysGop Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam (for example: "you have a criminal case against you"), fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 173. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/pclock4-sysgop-ransomware.html

Guster Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. This ransomware uses VBS-script to send a voice message as the first few lines of the note.

Table 174. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/guster-ransomware.html
https://twitter.com/BleepinComputer/status/812131324979007492

Roga

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The hacker requests the ransom in Play Store cards. https://3.bp.blogspot.com/-ClUef8T55f4/WGKb8U4GeaI/AAAAAAAACzg/UFD0X2sORHYTVRNBSoqd5q7TBrOblQHmgCLcB/s1600/site.png

Table 175. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/roga-ransomware.html

CryptoLocker3 Ransomware or Fake CryptoLocker

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Creator is staffttt and the ransom is 0.5

botcoins.

Table 176. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/cryptolocker3-ransomware.html

ProposalCrypt Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The ransom is 1.0 bitcoins.

Table 177. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/proposalcrypt-ransomware.html
http://www.archersecuritygroup.com/what-is-ransomware/
https://twitter.com/demonslay335/status/812002960083394560
https://twitter.com/malwrhunterteam/status/811613888705859586

Manifestus Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The hacker demands 0.2 bitcoins. The ransomware poses as a Window update.

Table 178. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/manifestus-ransomware.html
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-december-23rd-2016-cryptxxx-koolova-cerber-and-more/
https://twitter.com/struppigel/status/811587154983981056

EnkripsiPC Ransomware or IDRANSOMv3 or Manifestus

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The name of the hacker is humanpuff69 and he requests 0.5 bitcoins. The encryption password is based on the computer name

Table 179. Table References

Links

https://id-ransomware.blogspot.co.il/2016/12/enkripsipc-ransomware.html
https://twitter.com/demonslay335/status/811343914712100872
https://twitter.com/BleepinComputer/status/811264254481494016
https://twitter.com/struppigel/status/811587154983981056

BrainCrypt Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. So far the victims are from Belarus and Germany.

Table 180. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/braincrypt-ransomware.html

MSN CryptoLocker Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Ransom is 0.2 bitcoins.

Table 181. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/msn-cryptolocker-ransomware.html
https://twitter.com/struppigel/status/810766686005719040

CryptoBlock Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The ransom is in the amount is 0.3 bitcoins. The ransomware is disguises themselves as Adobe Systems, Incorporated. RaaS

Table 182. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/cryptoblock-ransomware.html
https://twitter.com/drProct0r/status/810500976415281154

AES-NI Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office,

Open Office, pictures, videos, shared online files etc..

Table 183. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/aes-ni-ransomware.html

Koolova Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The hacker of this ransomware tends to make lots of spelling errors in his requests. With Italian text that only targets the Test folder on the user's desktop

Table 184. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/koolova-ransomware.html
https://www.bleepingcomputer.com/news/security/koolova-ransomware-decrypts-for-free-if-you-read-two-articles-about-ransomware/

Fake Globe Ransomware or Globe Imposter

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc... The ransom is 1bitcoin.

Table 185. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/fake-globe-ransomware.html
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-december-30th-2016-infected-tvs-and-open-source-ransomware-sucks/
https://twitter.com/fwosar/status/812421183245287424
https://decrypter.emsisoft.com/globeimposter
https://twitter.com/malwrhunterteam/status/809795402421641216

V8Locker Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc...

Table 186. Table References

Links

https://id-ransomware.blogspot.co.il/2016/12/v8locker-ransomware.html

Cryptorium (Fake Ransomware)

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It SUPPOSEDLY encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc., however your files are not really encrypted, only the names are changed.

Table 187. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/cryptorium-ransomware.html

Antihacker2017 Ransomware

It's directed to Russian speaking users, there fore is able to infect mosty the old USSR countries. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc ... The hacker goes by the nickname Antihacker and requests the victim to send him an email for the decryption. He does not request any money only a warning about looking at porn (gay, incest and rape porn to be specific).

Table 188. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/antihacker2017-ransomware.html

CIA Special Agent 767 Ransomware (FAKE!!!)

It's directed to English speaking users, therefore is able to infect users all over the world. It is spread using email spam, fake updates, attachments and so on. It SUPPOSEDLY encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc... Your files are not really encrypted and nothing actually happens, however the hacker does ask the victim to pay a sum of 100$, after 5 days the sum goes up to 250$ and thereafter to 500$. After the payment is received, the victim gets the following message informing him that he has been fooled and he simply needed to delete the note. https://4.bp.blogspot.com/-T8iSbbGOz84/WFGZEbuRfCI/AAAAAAAACm0/SO8Srwx2UIM3FPZcZl7W76oSDCsnq2vfgCPcB/s1600/code2.jpg

Table 189. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/cia-special-agent-767-ransomware.html
https://www.bleepingcomputer.com/virus-removal/remove-cia-special-agent-767-screen-locker
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-december-16th-2016-samas-no-more-ransom-screen-lockers-and-more/
https://guides.yoosecurity.com/cia-special-agent-767-virus-locks-your-pc-screen-how-to-unlock/

LoveServer Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc... This hacker request your IP address in return for the decryption.

Table 190. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/loveserver-ransomware.html

Kraken Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc... The hacker requests 2 bitcoins in return for the files.

Table 191. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/kraken-ransomware.html

Antix Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc... The ransom is 0.25 bitcoins and the nickname of the hacker is FRC 2016.

Table 192. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/antix-ransomware.html

PayDay Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc... The ransom is R$950 which is due in 5 days. (R$ is a Brazilian currency) Based off of Hidden-Tear

Table 193. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/payday-ransomware.html
https://twitter.com/BleepinComputer/status/808316635094380544

Slimhem Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is NOT spread using email spam, fake updates, attachments and so on. It simply places a decrypt file on your computer.

Table 194. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/slimhem-ransomware.html

M4N1F3STO Ransomware (FAKE!!!!!)

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc… FILES DON’T REALLY GET DELETED NOR DO THEY GET ENCRYPTED!!!!!!!

Table 195. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/m4n1f3sto-ransomware.html

Dale Ransomware or DaleLocker Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc… CHIP > DALE

Table 196. Table References

Links
[]

UltraLocker Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc… Based on the idiotic open-source ransomware called CryptoWire

Table 197. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/ultralocker-ransomware.html
https://twitter.com/struppigel/status/807161652663742465

AES_KEY_GEN_ASSIST Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc…

Table 198. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/aeskeygenassist-ransomware.html
https://id-ransomware.blogspot.co.il/2016/09/dxxd-ransomware.html
https://www.bleepingcomputer.com/forums/t/634258/aes-key-gen-assistprotonmailcom-help-support/

Code Virus Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 199. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/code-virus-ransomware.html

FLKR Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 200. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/flkr-ransomware.html

PopCorn Time Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. These hackers claim to be students from Syria. This ransomware poses as the popular torrent movie screener called PopCorn. These criminals give you the chance to retrieve your files “for free” by spreading this virus to others. Like shown in the note bellow: https://www.bleepstatic.com/images/news/ransomware/p/Popcorn-time/refer-a-friend.png

Table 201. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/popcorntime-ransomware.html
https://www.bleepingcomputer.com/news/security/new-scheme-spread-popcorn-time-ransomware-get-chance-of-free-decryption-key/

HackedLocker Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc... NO POINT OF PAYING THE RANSOM—THE HACKER DOES NOT GIVE A DECRYPT AFTERWARDS.

Table 202. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/hackedlocker-ransomware.html

GoldenEye Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc...

Table 203. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/goldeneye-ransomware.html
https://www.bleepingcomputer.com/news/security/petya-ransomware-returns-with-goldeneye-version-continuing-james-bond-theme/
https://www.bleepingcomputer.com/forums/t/634778/golden-eye-virus/

Sage Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc...

Table 204. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/sage-ransomware.html
https://www.bleepingcomputer.com/forums/t/634978/sage-file-sample-extension-sage/
https://www.bleepingcomputer.com/forums/t/634747/sage-20-ransomware-sage-support-help-topic/

SQ_ Ransomware or VO_ Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc… This hacker requests 4 bitcoins for ransom.

Table 205. Table References

Links
https://id-ransomware.blogspot.co.il/2016/12/sq-vo-ransomware.html

Matrix or Malta Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc…

Table 206. Table References

Links
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-december-2nd-2016-screenlockers-kangaroo-the-sfmta-and-more/
https://id-ransomware.blogspot.co.il/2016/12/matrix-ransomware.html
https://twitter.com/rommeljoven17/status/804251901529231360

Satan666 Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 207. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/satan666-ransomware.html

RIP (Phoenix) Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Based on HiddenTear

Table 208. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/rip-ransomware.html
https://twitter.com/BleepinComputer/status/804810315456200704

Locked-In Ransomware or NoValid Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Based on RemindMe

Table 209. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/novalid-ransomware.html
https://www.bleepingcomputer.com/forums/t/634754/locked-in-ransomware-help-support-restore-corupted-fileshtml/
https://twitter.com/struppigel/status/807169774098796544

Chartwig Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 210. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/chartwig-ransomware.html

RenLocker Ransomware (FAKE)

It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The files don’t actually get encrypted, their names get changed using this formula: [number][.crypter]

Table 211. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/renlocker-ransomware.html

Thanksgiving Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 212. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/thanksgiving-ransomware.html
https://id-ransomware.blogspot.co.il/2016/07/stampado-ransomware-1.html

https://twitter.com/BleepinComputer/status/801486420368093184

CockBlocker Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 213. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/cockblocker-ransomware.html
https://twitter.com/jiriatvirlab/status/801910919739674624

Lomix Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Based on the idiotic open-source ransomware called CryptoWire

Table 214. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/lomix-ransomware.html
https://twitter.com/siri_urz/status/801815087082274816

OzozaLocker Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. https://3.bp.blogspot.com/--jubfYRaRmw/WDaOyZXkAaI/AAAAAAAACQE/E63a4FnaOfACZ07s1xUiv_haxy8cp5YCACLcB/s1600/ozoza2.png

Table 215. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/ozozalocker-ransomware.html
https://decrypter.emsisoft.com/ozozalocker
https://twitter.com/malwrhunterteam/status/801503401867673603

Crypute Ransomware or m0on Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 216. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/crypute-ransomware-m0on.html
https://www.bleepingcomputer.com/virus-removal/threat/ransomware/

NMoreira Ransomware or Fake Maktub Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 217. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/nmoreira-ransomware.html
https://id-ransomware.blogspot.co.il/2016/10/airacrop-ransomware.html

VindowsLocker Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. The ransom amount is 349.99$ and the hacker seems to be from India. He disguises himself as Microsoft Support.

Table 218. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/vindowslocker-ransomware.html
https://malwarebytes.app.box.com/s/gdu18hr17mwqszj3hjw5m3sw84k8hlph
https://rol.im/VindowsUnlocker.zip
https://twitter.com/JakubKroustek/status/800729944112427008
https://www.bleepingcomputer.com/news/security/vindowslocker-ransomware-mimics-tech-support-scam-not-the-other-way-around/

Donald Trump 2 Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Here is the original ransomware under this name: http://id-ransomware.blogspot.co.il/2016/09/donald-trump-ransomware.html

Table 219. Table References

Links
http://id-ransomware.blogspot.co.il/2016/09/donald-trump-ransomware.html

https://www.bleepingcomputer.com/news/security/the-donald-trump-ransomware-tries-to-build-walls-around-your-files/

Nagini Ransomware or Voldemort Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. Looks for C:\Temp\voldemort.horcrux

Table 220. Table References

Links
http://id-ransomware.blogspot.co.il/2016/09/nagini-voldemort-ransomware.html
https://www.bleepingcomputer.com/news/security/the-nagini-ransomware-sics-voldemort-on-your-files/

ShellLocker Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 221. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/shelllocker-ransomware.html
https://twitter.com/JakubKroustek/status/799388289337671680

Chip Ransomware or ChipLocker Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 222. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/chip-ransomware.html
http://malware-traffic-analysis.net/2016/11/17/index.html
https://www.bleepingcomputer.com/news/security/rig-e-exploit-kit-now-distributing-new-chip-ransomware/

Dharma Ransomware

It’s directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. CrySiS > Dharma Note: ATTENTION! At the

moment, your system is not protected. We can fix it and restore files. To restore the system write to this address: bitcoin143@india.com. CrySiS variant

Table 223. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/dharma-ransomware.html
https://www.bleepingcomputer.com/news/security/kaspersky-releases-decryptor-for-the-dharma-ransomware/

Angela Merkel Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 224. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/angela-merkel-ransomware.html
https://twitter.com/malwrhunterteam/status/798268218364358656

CryptoLuck Ransomware or YafunnLocker

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 225. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/cryptoluck-ransomware.html
http://www.bleepingcomputer.com/news/security/cryptoluck-ransomware-being-malvertised-via-rig-e-exploit-kits/
https://twitter.com/malwareforme/status/798258032115322880

Crypton Ransomware, or Nemesis or X3M

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 226. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/crypton-ransomware.html

https://decrypter.emsisoft.com/crypton
https://www.bleepingcomputer.com/news/security/crypton-ransomware-is-here-and-its-not-so-bad-/
https://twitter.com/JakubKroustek/status/829353444632825856

Karma Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. pretends to be a Windows optimization program called Windows-TuneUp

Table 227. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/karma-ransomware.html
https://www.bleepingcomputer.com/news/security/researcher-finds-the-karma-ransomware-being-distributed-via-pay-per-install-network/
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-november-18th-2016-crysis-cryptoluck-chip-and-more/

WickedLocker HT Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 228. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/wickedlocker-ht-ransomware.html

PClock3 Ransomware or PClock SuppTeam Ransomware orCryptoLocker clone or WinPlock

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. CryptoLocker Copycat

Table 229. Table References

Links

https://www.bleepingcomputer.com/news/security/old-cryptolocker-copycat-named-pclock-resurfaces-with-new-attacks/
https://id-ransomware.blogspot.co.il/2016/11/suppteam-ransomware-sysras.html
http://researchcenter.paloaltonetworks.com/2015/09/updated-pclock-ransomware-still-comes-up-short/
https://decrypter.emsisoft.com/

Kolobo Ransomware or Kolobocheg Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 230. Table References

Links
https://www.ransomware.wiki/tag/kolobo/
https://id-ransomware.blogspot.co.il/2016/11/kolobo-ransomware.html
https://forum.drweb.com/index.php?showtopic=315142

PaySafeGen (German) Ransomware or Paysafecard Generator 2016

This is most likely to affect German speaking users, since the note is written in German. Mostly affects users in German speaking countries. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 231. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/paysafegen-german-ransomware.html
https://twitter.com/JakubKroustek/status/796083768155078656

Telecrypt Ransomware

This is most likely to affect Russian speaking users, since the note is written in Russian. Therefore, residents of Russian speaking country are affected. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. The ransomware's authors would request around $75 from their victims to provide them with a decryptor (payments are accepted via Russian payment services Qiwi or Yandex.Money). Right from the start, however, researchers suggested that TeleCrypt was written by cybercriminals without advanced skills. Telecrypt will generate a random string to encrypt with that is between 10-20 length and only contain the letters

vo,pr,bm,xu,zt,dq.

Table 232. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/telecrypt-ransomware.html
http://www.securityweek.com/telecrypt-ransomwares-encryption-cracked
https://malwarebytes.app.box.com/s/kkxwgzbpwe7oh59xqfwcz97uk0q05kp3
https://blog.malwarebytes.com/threat-analysis/2016/11/telecrypt-the-ransomware-abusing-telegram-api-defeated/
https://securelist.com/blog/research/76558/the-first-cryptor-to-exploit-telegram/

CerberTear Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 233. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/cerbertear-ransomware.html
https://www.tripwire.com/state-of-security/security-data-protection/cyber-security/november-2016-month-ransomware/
https://twitter.com/struppigel/status/795630452128227333

FuckSociety Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Hidden Tear >> APT Ransomware + HYPERLINK "https://id-ransomware.blogspot.ru/2016/05/remindme-ransomware-2.html" "_blank" RemindMe > FuckSociety

Table 234. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/fucksociety-ransomware.html

PayDOS Ransomware or Serpent Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Batch file; Passcode: AES1014DW256 or

RSA1014DJW2048

Table 235. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/paydos-ransomware-serpent.html
https://www.bleepingcomputer.com/news/security/ransomware-goes-retro-with-paydos-and-serpent-written-as-batch-files/
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-november-4th-2016-cerber-paydos-alcatraz-locker-and-more/
https://www.proofpoint.com/us/threat-insight/post/new-serpent-ransomware-targets-danish-speakers

zScreenLocker Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 236. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/zscreenlocker-ransomware.html
https://www.tripwire.com/state-of-security/security-data-protection/cyber-security/november-2016-month-ransomware/
https://twitter.com/struppigel/status/794077145349967872

Gremit Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 237. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/gremit-ransomware.html
https://twitter.com/struppigel/status/794444032286060544
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-november-4th-2016-cerber-paydos-alcatraz-locker-and-more/

Hollycrypt Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam,

fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 238. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/hollycrypt-ransomware.html

BTCLocker Ransomware or BTC Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 239. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/btclocker-ransomware.html

Kangaroo Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. From the developer behind the Apocalypse Ransomware, Fabiansomware, and Esmeralda

Table 240. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/kangaroo-ransomware.html
https://www.bleepingcomputer.com/news/security/the-kangaroo-ransomware-not-only-encrypts-your-data-but-tries-to-lock-you-out-of-windows/

DummyEncrypter Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 241. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/dummyencrypter-ransomware.html

Encryptss77 Ransomware or SFX Monster Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 242. Table References

Links
http://virusinfo.info/showthread.php?t=201710
https://id-ransomware.blogspot.co.il/2016/11/encryptss77-ransomware.html

WinRarer Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 243. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/winrarer-ransomware.html

Russian Globe Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 244. Table References

Links
https://id-ransomware.blogspot.co.il/2016/11/russian-globe-ransomware.html

ZeroCrypt Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 245. Table References

Links

https://id-ransomware.blogspot.co.il/2016/11/zerocrypt-ransomware.html

RotorCrypt(RotoCrypt, Tar) Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 246. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/rotorcrypt-ransomware.html

Ishtar Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.

Table 247. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/ishtar-ransomware.html

MasterBuster Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 248. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/masterbuster-ransomware.html
https://twitter.com/struppigel/status/791943837874651136

JackPot Ransomware or Jack.Pot Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 249. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/jackpot-ransomware.html
https://twitter.com/struppigel/status/791639214152617985
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-october-28-2016-locky-angry-duck-and-more/

ONYX Ransomeware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Georgian ransomware

Table 250. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/onyx-ransomware.html
https://twitter.com/struppigel/status/791557636164558848
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-october-28-2016-locky-angry-duck-and-more/

IFN643 Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 251. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/ifn643-ransomware.html
https://twitter.com/struppigel/status/791576159960072192
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-october-28-2016-locky-angry-duck-and-more/

Alcatraz Locker Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 252. Table References

Links

https://id-ransomware.blogspot.co.il/2016/10/alcatraz-locker-ransomware.html
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-november-4th-2016-cerber-paydos-alcatraz-locker-and-more/
https://twitter.com/PolarToffee/status/792796055020642304

Esmeralda Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 253. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/esmeralda-ransomware.html
https://www.bleepingcomputer.com/forums/t/630835/esmeralda-ransomware/

EncrypTile Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 254. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/encryptile-ransomware.html

Fileice Ransomware Survey Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Sample of how the hacker tricks the user using the survey method. https://1.bp.blogspot.com/-72ECd1vsUdE/WBMSzPQEgzI/AAAAAAAABzA/i8V-Kg8Gstcn_7-YZK__PDC2VgafWcfDgCLcB/s1600/survey-screen.png The hacker definatly has a sense of humor: https://1.bp.blogspot.com/-2AlvtcvdyUY/WBMVptG_V5I/AAAAAAAABzc/1KvAMeDmY2w9BN9vkqZO8LWkBu7T9mvDACLcB/s1600/ThxForYurTyme.JPG

Table 255. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/fileice-ransomware-survey.html
https://www.bleepingcomputer.com/news/security/in-dev-ransomware-forces-you-do-to-survey-before-unlocking-computer/

CryptoWire Ransomeware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 256. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/cryptowire-ransomware.html
https://twitter.com/struppigel/status/791554654664552448
https://www.bleepingcomputer.com/news/security/-proof-of-concept-cryptowire-ransomware-spawns-lomix-and-ultralocker-families/

Hucky Ransomware or Hungarian Locky Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Based on Locky

Table 257. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/hucky-ransomware-hungarian-locky.html
https://blog.avast.com/hucky-ransomware-a-hungarian-locky-wannabe

Winnix Cryptor Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 258. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/winnix-cryptor-ransomware.html
https://twitter.com/PolarToffee/status/811940037638111232

AngryDuck Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Demands 10 BTC

Table 259. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/angryduck-ransomware.html
https://twitter.com/demonslay335/status/790334746488365057

Lock93 Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 260. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/lock93-ransomware.html
https://twitter.com/malwrhunterteam/status/789882488365678592

ASN1 Encoder Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 261. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/asn1-encoder-ransomware.html
https://malwarebreakdown.com/2017/03/02/rig-ek-at-92-53-105-43-drops-asn1-ransomware/

Click Me Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. The hacker tries to get the user to play a game and when the user clicks the button, there is no game, just 20 pictures in a .gif below: https://3.bp.blogspot.com/-1zgO3-bBazs/WAkPYqXuayI/AAAAAAAABxI/DO3vycRW-TozneSfRTdeKyXGNEtJSMehgCLcB/s1600/all-images.gif

Table 262. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/click-me-ransomware.html
https://www.youtube.com/watch?v=Xe30kV4ip8w

AiraCrop Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 263. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/airacrop-ransomware.html

JapanLocker Ransomware & SHC Ransomware, SHCLocker ,SyNcryption

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Base64 encoding, ROT13, and top-bottom swapping

Table 264. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/japanlocker-ransomware.html
https://www.cyber.nj.gov/threat-profiles/ransomware-variants/japanlocker
https://github.com/fortiguard-lion/schRansomwareDecryptor/blob/master/schRansomwarev1_decryptor.php
https://blog.fortinet.com/2016/10/19/japanlocker-an-excavation-to-its-indonesian-roots

Anubis Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. EDA2

Table 265. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/anubis-ransomware.html
http://nyxbone.com/malware/Anubis.html

XTPLocker 5.0 Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is

understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 266. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/xtplocker-ransomware.html

Exotic Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. Also encrypts executables

Table 267. Table References

Links
https://www.bleepingcomputer.com/news/security/eviltwins-exotic-ransomware-targets-executable-files/
https://www.bleepingcomputer.com/news/security/the-week-in-ransomware-october-14-2016-exotic-lockydump-comrade-and-more/
https://www.cyber.nj.gov/threat-profiles/ransomware-variants/exotic-ransomware
https://id-ransomware.blogspot.co.il/2016/10/exotic-ransomware.html

APT Ransomware v.2

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. NO POINT TO PAY THE RANSOM, THE FILES ARE COMPLETELY DESTROYED

Table 268. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/apt-ransomware-2.html

Windows_Security Ransonware or WS Go Ransonware, Trojan.Encoder.6491

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 269. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/ws-go-ransonware.html
https://www.cyber.nj.gov/threat-profiles/ransomware-variants/apt-ransomware-v2

NCrypt Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 270. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/ncrypt-ransomware.html

Venis Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. In devVenisRansom@protonmail.com

Table 271. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/venis-ransomware.html
https://twitter.com/Antelox/status/785849412635521024
http://pastebin.com/HuK99Xmj

Enigma 2 Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 272. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/enigma-2-ransomware.html

Deadly Ransomware or Deadly for a Good Purpose Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc.. sample is set to encrypt only in 2017…

Table 273. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/deadly-ransomware.html
https://twitter.com/malwrhunterteam/status/785533373007728640

Comrade Circle Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 274. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/comrade-circle-ransomware.html

Globe2 Ransomware or Purge Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 275. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/globe2-ransomware.html
https://success.trendmicro.com/portal_kb_articledetail?solutionid=1114221

Kostya Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 276. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/kostya-ransomware.html
http://www.bleepingcomputer.com/news/security/the-week-in-ransomware-october-14-2016-exotic-lockydump-comrade-and-more/

Fs0ciety Locker Ransomware

This is most likely to affect English speaking users, since the note is written in English. English is understood worldwide, thus anyone can be harmed. The hacker spread the virus using email spam, fake updates, and harmful attachments. All your files are compromised including music, MS Office, Open Office, pictures, videos, shared online files etc..

Table 277. Table References

Links
https://id-ransomware.blogspot.co.il/2016/10/fs0ciety-locker-ransomware.htm

Erebus Ransomware

It's directed to English speaking users, therefore is able to infect worldwide. It is spread using email spam, fake updates, attachments and so on. It encrypts all your files, including: music, MS Office, Open Office, pictures, videos, shared online files etc.. After the files are decrypted, the shadow files are deleted using the following command: vssadmin.exe Delete Shadows /All /Quiet

Table 278. Table References

Links
https://id-ransomware.blogspot.co.il/2016/09/erebus-ransomware.html

TDS

TDS is a list of Traffic Direction System used by adversaries.

TDS is a cluster galaxy available in JSON format at **this location** The JSON format can be freely reused in your application or automatically enabled in MISP.

authors

Kafeine

Keitaro

Keitaro TDS is among the mostly used TDS in drive by infection chains

Table 279. Table References

Links

https://keitarotds.com/

Sutra

Sutra TDS was dominant from 2012 till 2015

Table 280. Table References

Links
http://kytoon.com/sutra-tds.html

SimpleTDS

SimpleTDS is a basic open source TDS

SimpleTDS is also known as:

- Stds

Table 281. Table References

Links
https://sourceforge.net/projects/simpletds/

BossTDS

BossTDS

Table 282. Table References

Links
http://bosstds.com/

BlackHat TDS

BlackHat TDS is sold underground.

Table 283. Table References

Links
http://malware.dontneedcoffee.com/2014/04/meet-blackhat-tds.html

Futuristic TDS

Futuristic TDS is the TDS component of BlackOS/CookieBomb/NorthTale Iframer

Orchid TDS

Orchid TDS was sold underground. Rare usage

Threat actor

Known or estimated adversary groups targeting organizations and employees. Adversary groups are regularly confused with their initial operation or campaign..

Threat actor is a cluster galaxy available in JSON format at https://github.com/MISP/misp-galaxy/blob/master/clusters/threat actor.json[**this location**] The JSON format can be freely reused in your application or automatically enabled in MISP.

authors

Alexandre Dulaunoy - Florian Roth - Thomas Schreck - Timo Steffens - Various

Comment Crew

PLA Unit 61398 (Chinese: 61398部 , Pinyin: 61398 bùduì) is the Military Unit Cover Designator (MUCD)[1] of a People's Liberation Army advanced persistent threat unit that has been alleged to be a source of Chinese computer hacking attacks

Comment Crew is also known as:

- Comment Panda
- PLA Unit 61398
- APT 1
- Advanced Persistent Threat 1
- Byzantine Candor
- Group 3
- TG-8223
- Comment Group

Table 284. Table References

Links
https://en.wikipedia.org/wiki/PLA_Unit_61398
http://intelreport.mandiant.com/Mandiant_APT1_Report.pdf

Stalker Panda

Nitro

These attackers were the subject of an extensive report by Symantec in 2011, which termed the attackers Nitro and stated: 'The goal of the attackers appears to be to collect intellectual property such as design documents, formulas, and manufacturing processes. In addition, the same attackers appear to have a lengthy operation history including attacks on other industries and organizations. Attacks on the chemical industry are merely their latest attack wave. As part of our investigations, we were also able to identify and contact one of the attackers to try and gain insights into the motivations behind these attacks.' Palo Alto Networks reported on continued activity by the attackers in 2014.

Nitro is also known as:

- Covert Grove

Table 285. Table References

Links
http://www.symantec.com/content/en/us/enterprise/media/security_response/whitepapers/the_nitro_attacks.pdf

Codoso

The New York Times described Codoso as: 'A collection of hackers for hire that the security industry has been tracking for years. Over the years, the group has breached banks, law firms and tech companies, and once hijacked the Forbes website to try to infect visitors' computers with malware.'

Codoso is also known as:

- C0d0so
- Sunshop Group

Table 286. Table References

Links
https://www.proofpoint.com/us/exploring-bergard-old-malware-new-tricks
https://www.nytimes.com/2016/06/12/technology/the-chinese-hackers-in-the-back-office.html

Dust Storm

Table 287. Table References

Links
https://www.cylance.com/hubfs/2015_cylance_website/assets/operation-dust-storm/Op_Dust_Storm_Report.pdf

Karma Panda

Adversary targeting dissident groups in China and its surroundings.

Table 288. Table References

Links
http://www.rsaconference.com/writable/presentations/file_upload/anf-t07b-the-art-of-attribution-identifying-and-pursuing-your-cyber-adversaries_final.pdf

Keyhole Panda

Wet Panda

Foxy Panda

Adversary group targeting telecommunication and technology organizations.

Predator Panda

Union Panda

Spicy Panda

Eloquent Panda

Dizzy Panda

Dizzy Panda is also known as:

- LadyBoyle

Putter Panda

Putter Panda were the subject of an extensive report by CrowdStrike, which stated: 'The CrowdStrike Intelligence team has been tracking this particular unit since2012, under the codename PUTTER PANDA, and has documented activity dating back to 2007. The report identifies Chen Ping, aka cpyy, and the primary location of Unit 61486.'

Putter Panda is also known as:

- PLA Unit 61486
- APT 2
- Group 36

- APT-2
- MSUpdater
- 4HCrew
- SULPHUR
- TG-6952

Table 289. Table References

Links
http://cdn0.vox-cdn.com/assets/4589853/crowdstrike-intelligence-report-putter-panda.original.pdf

UPS

Symantec described UPS in 2016 report as: 'Buckeye (also known as APT3, Gothic Panda, UPS Team, and TG-0110) is a cyberespionage group that is believed to have been operating for well over half a decade. Traditionally, the group attacked organizations in the US as well as other targets. However, Buckeyes focus appears to have changed as of June 2015, when the group began compromising political entities in Hong Kong.'

UPS is also known as:

- Gothic Panda
- TG-0110
- APT 3
- Group 6
- UPS Team
- APT3
- Buckeye

Table 290. Table References

Links
https://www.fireeye.com/blog/threat-research/2015/06/operation-clandestine-wolf-adobe-flash-zero-day.html
http://www.symantec.com/connect/blogs/buckeye-cyberespionage-group-shifts-gaze-us-hong-kong

DarkHotel

Kaspersky described DarkHotel in a 2014 report as: '... DarkHotel drives its campaigns by spear-phishing targets with highly advanced Flash zero-day exploits that effectively evade the latest Windows and Adobe defenses, and yet they also imprecisely spread among large numbers of vague targets with peer-to-peer spreading tactics. Moreover, this crews most unusual characteristic is that for several years the Darkhotel APT has maintained a capability to use hotel networks to follow and hit selected targets as they travel around the world.'

DarkHotel is also known as:

- DUBNIUM
- Fallout Team

Table 291. Table References

Links
https://securelist.com/blog/research/71713/darkhotels-attacks-in-2015/
https://blogs.technet.microsoft.com/mmpc/2016/06/09/reverse-engineering-dubnium-2

IXESHE

A group of China-based attackers, who conducted a number of spear phishing attacks in 2013.

IXESHE is also known as:

- Numbered Panda
- TG-2754
- BeeBus
- Group 22
- DynCalc
- Crimson Iron
- APT12
- APT 12

Table 292. Table References

Links
http://www.crowdstrike.com/blog/whois-numbered-panda/

APT 16

Table 293. Table References

Links
https://www.fireeye.com/blog/threat-research/2015/12/the_eps_awakens.html

Aurora Panda

FireEye described APT17 in a 2015 report as: 'APT17, also known as DeputyDog, is a China based threat group that FireEye Intelligence has observed conducting network intrusions against U.S. government entities, the defense industry, law firms, information technology companies, mining companies, and non-government organizations.'

Aurora Panda is also known as:

- APT 17
- Deputy Dog
- Group 8
- APT17
- Hidden Lynx
- Tailgater Team

Table 294. Table References

Links
http://www.fireeye.com/blog/technical/cyber-exploits/2013/09/operation-deputydog-zero-day-cve-2013-3893-attack-against-japanese-targets.html

Wekby

Wekby was described by Palo Alto Networks in a 2015 report as: 'Wekby is a group that has been active for a number of years, targeting various industries such as healthcare, telecommunications, aerospace, defense, and high tech. The group is known to leverage recently released exploits very shortly after those exploits are available, such as in the case of HackingTeams Flash zero - day exploit.'

Wekby is also known as:

- Dynamite Panda
- TG-0416
- APT 18
- SCANDIUM
- APT18

Table 295. Table References

Links
https://threatpost.com/apt-gang-branches-out-to-medical-espionage-in-community-health-breach/107828

Tropic Trooper

TrendMicro described Tropic Trooper in a 2015 report as: 'Taiwan and the Philippines have become the targets of an ongoing campaign called Operation TropicTrooper. Active since 2012, the attackers behind the campaign haveset their sights on the Taiwanese government as well as a number of companies in the heavy industry. The same campaign has also targeted key Philippine military agencies.'

Tropic Trooper is also known as:

- Operation Tropic Trooper

Table 296. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/11/unit42-tropic-trooper-targets-taiwanese-government-and-fossil-fuel-provider-with-poison-ivy/
http://www.trendmicro.com/cloud-content/us/pdfs/security-intelligence/white-papers/wp-operation-tropic-trooper.pdf

Axiom

The Winnti grouping of activity is large and may actually be a number of linked groups rather than a single discrete entity. Kaspersky describe Winnti as: 'The Winnti group has been attacking companies in the online video game industry since 2009 and is currently still active. The groups objectives are stealing digital certificates signed by legitimate software vendors in addition to intellectual property theft, including the source code of online game projects. The majority of the victims are from South East Asia.'

Axiom is also known as:

- Winnti Group
- Tailgater Team
- Group 72
- Group72
- Tailgater
- Ragebeast
- Blackfly
- Lead
- Wicked Spider

Table 297. Table References

Links
http://securelist.com/blog/research/57585/winnti-faq-more-than-just-a-game/
http://williamshowalter.com/a-universal-windows-bootkit/
https://blogs.technet.microsoft.com/mmpc/2017/01/25/detecting-threat-actors-in-recent-german-industrial-attacks-with-windows-defender-atp

Shell Crew

Adversary group targeting financial, technology, non-profit organisations.

Shell Crew is also known as:

- Deep Panda
- WebMasters
- APT 19
- KungFu Kittens
- Black Vine
- Group 13
- PinkPanther
- Sh3llCr3w

Table 298. Table References

Links
http://cybercampaigns.net/wp-content/uploads/2013/06/Deep-Panda.pdf
http://www.rsaconference.com/writable/presentations/file_upload/anf-t07b-the-art-of-attribution-identifying-and-pursuing-your-cyber-adversaries_final.pdf

Naikon

Kaspersky described Naikon in a 2015 report as: 'The Naikon group is mostly active in countries such as the Philippines, Malaysia, Cambodia, Indonesia, Vietnam, Myanmar, Singapore, and Nepal, hitting a variety of targets in a very opportunistic way.'

Naikon is also known as:

- PLA Unit 78020
- Override Panda
- Camerashy
- APT.Naikon

Table 299. Table References

Links
https://securelist.com/analysis/publications/69953/the-naikon-apt/
http://www.fireeye.com/blog/technical/malware-research/2014/03/spear-phishing-the-news-cycle-apt-actors-leverage-interest-in-the-disappearance-of-malaysian-flight-mh-370.html

Lotus Blossom

Lotus Blossom is also known as:

- Spring Dragon
- ST Group

Table 300. Table References

Links
https://securelist.com/blog/research/70726/the-spring-dragon-apt/

Lotus Panda

Lotus Panda is also known as:

- Elise

Hurricane Panda

Table 301. Table References

Links
http://www.crowdstrike.com/blog/cyber-deterrence-in-action-a-story-of-one-long-hurricane-panda-campaign/

Emissary Panda

A China-based actor that targets foreign embassies to collect data on government, defence, and technology sectors.

Emissary Panda is also known as:

- TG-3390
- APT 27
- TEMP.Hippo
- Group 35
- HIPPOTeam
- APT27
- Operation Iron Tiger

Table 302. Table References

Links
http://www.secureworks.com/cyber-threat-intelligence/threats/threat-group-3390-targets-organizations-for-cyberespionage/
http://www.scmagazineuk.com/iran-and-russia-blamed-for-state-sponsored-espionage/article/330401/

Stone Panda

Stone Panda is also known as:

- APT10

- APT 10
- menuPass
- happyyongzi
- POTASSIUM
- DustStorm

Table 303. Table References

Links
http://researchcenter.paloaltonetworks.com/2017/02/unit42-menupass-returns-new-malware-new-attacks-japanese-academics-organizations/

Nightshade Panda

Nightshade Panda is also known as:

- APT 9
- Flowerlady/Flowershow
- Flowerlady
- Flowershow

Table 304. Table References

Links
https://otx.alienvault.com/pulse/55bbc68e67db8c2d547ae393/

Hellsing

Hellsing is also known as:

- Goblin Panda
- Cycldek

Table 305. Table References

Links
https://securelist.com/analysis/publications/69567/the-chronicles-of-the-hellsing-apt-the-empire-strikes-back/

Night Dragon

Table 306. Table References

Links
https://kc.mcafee.com/corporate/index?page=content&id=KB71150

Mirage

Mirage is also known as:

- Vixen Panda
- Ke3Chang
- GREF
- Playful Dragon
- APT 15
- Metushy
- Social Network Team

Table 307. Table References

Links
https://www.fireeye.com/blog/threat-research/2014/09/forced-to-adapt-xslcmd-backdoor-now-on-os-x.html

Anchor Panda

PLA Navy

Anchor Panda is also known as:

- APT14
- APT 14
- QAZTeam
- ALUMINUM

Table 308. Table References

Links
http://www.crowdstrike.com/blog/whois-anchor-panda/

NetTraveler

NetTraveler is also known as:

- APT 21

Table 309. Table References

Links
https://securelist.com/blog/research/35936/nettraveler-is-running-red-star-apt-attacks-compromise-high-profile-victims/

Ice Fog

Operate since at least 2011, from several locations in China, with members in Korea and Japan as well.

Ice Fog is also known as:

- IceFog
- Dagger Panda

Table 310. Table References

Links
https://securelist.com/blog/research/57331/the-icefog-apt-a-tale-of-cloak-and-three-daggers/

Pitty Panda

The Pitty Tiger group has been active since at least 2011. They have been seen using HeartBleed vulnerability in order to directly get valid credentials

Pitty Panda is also known as:

- PittyTiger
- MANGANESE

Table 311. Table References

Links
http://blog.airbuscybersecurity.com/post/2014/07/The-Eye-of-the-Tiger2

Roaming Tiger

Table 312. Table References

Links
http://researchcenter.paloaltonetworks.com/2015/12/bbsrat-attacks-targeting-russian-organizations-linked-to-roaming-tiger/

HiddenLynx

Table 313. Table References

Links
http://www.symantec.com/content/en/us/enterprise/media/security_response/whitepapers/hidden_lynx.pdf

Beijing Group

Beijing Group is also known as:

- Sneaky Panda

Radio Panda

Radio Panda is also known as:

- Shrouded Crossbow

APT.3102

Table 314. Table References

Links
http://researchcenter.paloaltonetworks.com/2015/09/chinese-actors-use-3102-malware-in-attacks-on-us-government-and-eu-media/

Samurai Panda

Samurai Panda is also known as:

- PLA Navy
- APT4
- APT 4
- Getkys
- SykipotGroup
- Wkysol

Table 315. Table References

Links
http://www.crowdstrike.com/blog/whois-samurai-panda/

Impersonating Panda

Violin Panda

Violin Panda is also known as:

- APT20
- APT 20
- TH3Bug

Table 316. Table References

Links
http://researchcenter.paloaltonetworks.com/2014/09/recent-watering-hole-attacks-attributed-apt-group-th3bug-using-poison-ivy/

Toxic Panda

A group targeting dissident groups in China and at the boundaries.

Table 317. Table References

Links
http://www.rsaconference.com/writable/presentations/file_upload/anf-t07b-the-art-of-attribution-identifying-and-pursuing-your-cyber-adversaries_final.pdf

Temper Panda

China-based cyber threat group. It has previously used newsworthy events as lures to deliver malware and has primarily targeted organizations involved in financial, economic, and trade policy, typically using publicly available RATs such as PoisonIvy, as well as some non-public backdoors.

Temper Panda is also known as:

- Admin338
- Team338
- MAGNESIUM
- admin@338

Table 318. Table References

Links
https://www.fireeye.com/blog/threat-research/2013/10/know-your-enemy-tracking-a-rapidly-evolving-apt-actor.html
https://www.fireeye.com/blog/threat-research/2015/11/china-based-threat.html

Pirate Panda

Pirate Panda is also known as:

- APT23
- KeyBoy

Table 319. Table References

Links

https://community.rapid7.com/community/infosec/blog/2013/06/07/keyboy-targeted-attacks-against-vietnam-and-india

Flying Kitten

Activity: defense and aerospace sectors, also interested in targeting entities in the oil/gas industry.

Flying Kitten is also known as:

- SaffronRose
- Saffron Rose
- AjaxSecurityTeam
- Ajax Security Team
- Group 26

Table 320. Table References

Links
https://www.fireeye.com/content/dam/fireeye-www/global/en/current-threats/pdfs/rpt-operation-saffron-rose.pdf

Cutting Kitten

While tracking a suspected Iran-based threat group known as Threat Group-2889[1] (TG-2889), Dell SecureWorks Counter Threat Unit™ (CTU) researchers uncovered a network of fake LinkedIn profiles. These convincing profiles form a self-referenced network of seemingly established LinkedIn users. CTU researchers assess with high confidence the purpose of this network is to target potential victims through social engineering. Most of the legitimate LinkedIn accounts associated with the fake accounts belong to individuals in the Middle East, and CTU researchers assess with medium confidence that these individuals are likely targets of TG-2889.

Cutting Kitten is also known as:

- ITSecTeam
- Threat Group 2889
- TG-2889
- Ghambar

Table 321. Table References

Links
http://www.secureworks.com/cyber-threat-intelligence/threats/suspected-iran-based-hacker-group-creates-network-of-fake-linkedin-profiles/

Charming Kitten

Charming Kitten (aka Parastoo, aka Newscaster) is an group with a suspected nexus to Iran that targets organizations involved in government, defense technology, military, and diplomacy sectors.

Charming Kitten is also known as:

- Newscaster
- Parastoo
- Group 83
- Newsbeef

Table 322. Table References

Links
https://en.wikipedia.org/wiki/Operation_Newscaster

Magic Kitten

Earliest activity back to November 2008. An established group of cyber attackers based in Iran, who carried on several campaigns in 2013, including a series of attacks targeting political dissidents and those supporting Iranian political opposition.

Magic Kitten is also known as:

- Group 42

Table 323. Table References

Links
http://www.scmagazineuk.com/iran-and-russia-blamed-for-state-sponsored-espionage/article/330401/

Rocket Kitten

Targets Saudi Arabia, Israel, US, Iran, high ranking defense officials, embassies of various target countries, notable Iran researchers, human rights activists, media and journalists, academic institutions and various scholars, including scientists in the fields of physics and nuclear sciences.

Rocket Kitten is also known as:

- TEMP.Beanie
- Operation Woolen Goldfish
- Thamar Reservoir

Table 324. Table References

Links

https://www.trendmicro.com/vinfo/us/security/news/cyber-attacks/operation-woolen-goldfish-when-kittens-go-phishing
https://www.trendmicro.com/cloud-content/us/pdfs/security-intelligence/white-papers/wp-the-spy-kittens-are-back.pdf
http://www.clearskysec.com/thamar-reservoir/
https://citizenlab.org/2015/08/iran_two_factor_phishing/
https://blog.checkpoint.com/wp-content/uploads/2015/11/rocket-kitten-report.pdf

Cleaver

A group of cyber actors utilizing infrastructure located in Iran have been conducting computer network exploitation activity against public and private U.S. organizations, including Cleared Defense Contractors (CDCs), academic institutions, and energy sector companies.

Cleaver is also known as:

- Operation Cleaver
- Tarh Andishan
- Alibaba
- 2889
- TG-2889

Table 325. Table References

Links
http://cdn2.hubspot.net/hubfs/270968/assets/Cleaver/Cylance_Operation_Cleaver_Report.pdf

Sands Casino

Rebel Jackal

This is a pro-Islamist organization that generally conducts attacks motivated by real world events in which its members believe that members of the Muslim faith were wronged. Its attacks generally involve website defacements; however, the group did develop a RAT that it refers to as Fallaga RAT, but which appears to simply be a fork of the njRAT malware popular amongst hackers in the Middle East/North Africa region.

Rebel Jackal is also known as:

- FallagaTeam

Viking Jackal

Viking Jackal is also known as:

- Vikingdom

Sofacy

The Sofacy Group (also known as APT28, Pawn Storm, Fancy Bear and Sednit) is a cyber espionage group believed to have ties to the Russian government. Likely operating since 2007, the group is known to target government, military, and security organizations. It has been characterized as an advanced persistent threat.

Sofacy is also known as:

- APT 28
- APT28
- Pawn Storm
- Fancy Bear
- Sednit
- TsarTeam
- TG-4127
- Group-4127
- STRONTIUM
- TAG_0700
- IRON TWILIGHT

Table 326. Table References

Links
https://en.wikipedia.org/wiki/Sofacy_Group

APT 29

A 2015 report by F-Secure describe APT29 as: 'The Dukes are a well-resourced, highly dedicated and organized cyberespionage group that we believe has been working for the Russian Federation since at least 2008 to collect intelligence in support of foreign and security policy decision-making. The Dukes show unusual confidence in their ability to continue successfully compromising their targets, as well as in their ability to operate with impunity. The Dukes primarily target Western governments and related organizations, such as government ministries and agencies, political think tanks, and governmental subcontractors. Their targets have also included the governments of members of the Commonwealth of Independent States;Asian, African, and Middle Eastern governments;organizations associated with Chechen extremism;and Russian speakers engaged in the illicit trade of controlled substances and drugs. The Dukes are known to employ a vast arsenal of malware toolsets, which we identify as MiniDuke, CosmicDuke, OnionDuke, CozyDuke, CloudDuke, SeaDuke, HammerDuke, PinchDuke, and GeminiDuke. In recent years, the Dukes have engaged in apparently biannual large - scale spear - phishing campaigns against hundreds or even thousands of recipients associated with governmental institutions and affiliated organizations.

These campaigns utilize a smash - and - grab approach involving a fast but noisy breakin followed by the rapid collection and exfiltration of as much data as possible.If the compromised target is discovered to be of value, the Dukes will quickly switch the toolset used and move to using stealthier tactics focused on persistent compromise and long - term intelligence gathering '

APT 29 is also known as:

- Dukes
- Group 100
- Cozy Duke
- CozyDuke
- EuroAPT
- CozyBear
- CozyCar
- Cozer
- Office Monkeys
- OfficeMonkeys
- APT29
- Cozy Bear
- The Dukes
- Minidionis
- SeaDuke

Table 327. Table References

Links
https://labsblog.f-secure.com/2015/09/17/the-dukes-7-years-of-russian-cyber-espionage/

Turla Group

A 2014 Guardian article described Turla as: 'Dubbed the Turla hackers, initial intelligence had indicated western powers were key targets, but it was later determined embassies for Eastern Bloc nations were of more interest. Embassies in Belgium, Ukraine, China, Jordan, Greece, Kazakhstan, Armenia, Poland, and Germany were all attacked, though researchers from Kaspersky Lab and Symantec could not confirm which countries were the true targets. In one case from May 2012, the office of the prime minister of a former Soviet Union member country was infected, leading to 60 further computers being affected, Symantec researchers said. There were some other victims, including the ministry for health of a Western European country, the ministry for education of a Central American country, a state electricity provider in the Middle East and a medical organisation in the US, according to Symantec. It is believed the group was also responsible for a much - documented 2008 attack on the US Central Command. The attackers - who continue to operate - have ostensibly sought to carry out surveillance on targets and pilfer data, though their use of encryption across their networks has made it difficult to ascertain exactly what the hackers

took.Kaspersky Lab, however, picked up a number of the attackers searches through their victims emails, which included terms such as Nato and EU energy dialogue Though attribution is difficult to substantiate, Russia has previously been suspected of carrying out the attacks and Symantecs Gavin O' Gorman told the Guardian a number of the hackers appeared to be using Russian names and language in their notes for their malicious code. Cyrillic was also seen in use.'

Turla Group is also known as:

- Turla
- Snake
- Venomous Bear
- Group 88
- Waterbug
- WRAITH
- Turla Team
- Uroburos
- Pfinet
- TAG_0530
- KRYPTON
- Hippo Team

Table 328. Table References

Links
https://www.first.org/resources/papers/tbilisi2014/turla-operations_and_development.pdf
https://www.circl.lu/pub/tr-25/
https://www.theguardian.com/technology/2014/aug/07/turla-hackers-spying-governments-researcher-kaspersky-symantec

Energetic Bear

A Russian group that collects intelligence on the energy industry.

Energetic Bear is also known as:

- Dragonfly
- Crouching Yeti
- Group 24
- Havex
- CrouchingYeti
- Koala Team

Table 329. Table References

Links
http://www.scmagazineuk.com/iran-and-russia-blamed-for-state-sponsored-espionage/article/330401/

Sandworm

Sandworm is also known as:

- Sandworm Team
- Black Energy
- BlackEnergy
- Quedagh
- Voodoo Bear

Table 330. Table References

Links
http://www.isightpartners.com/2014/10/cve-2014-4114/

TeleBots

We will refer to the gang behind the malware as TeleBots. However it's important to say that these attackers, and the toolset used, share a number of similarities with the BlackEnergy group, which conducted attacks against the energy industry in Ukraine in December 2015 and January 2016. In fact, we think that the BlackEnergy group has evolved into the TeleBots group.

Table 331. Table References

Links
http://www.welivesecurity.com/2016/12/13/rise-telebots-analyzing-disruptive-killdisk-attacks/

Anunak

Groups targeting financial organizations or people with significant financial assets.

Anunak is also known as:

- Carbanak
- Carbon Spider

Table 332. Table References

Links
https://en.wikipedia.org/wiki/Carbanak

TeamSpy Crew

TeamSpy Crew is also known as:

- TeamSpy
- Team Bear
- Berserk Bear

Table 333. Table References

Links
https://securelist.com/blog/incidents/35520/the-teamspy-crew-attacks-abusing-teamviewer-for-cyberespionage-8/

BuhTrap

Table 334. Table References

Links
http://www.welivesecurity.com/2015/11/11/operathion-buhtrap-malware-distributed-via-ammyy-com/

Berserk Bear

Wolf Spider

Wolf Spider is also known as:

- FIN4

Boulder Bear

First observed activity in December 2013.

Shark Spider

This group's activity was first observed in November 2013. It leverages a banking Trojan more commonly known as Shylock which aims to compromise online banking credentials and credentials related to Bitcoin wallets.

Union Spider

Adversary targeting manufacturing and industrial organizations.

Table 335. Table References

Links

http://www.rsaconference.com/writable/presentations/file_upload/anf-t07b-the-art-of-attribution-identifying-and-pursuing-your-cyber-adversaries_final.pdf

Silent Chollima

Silent Chollima is also known as:

- OperationTroy
- Guardian of Peace
- GOP
- WHOis Team

Table 336. Table References

Links
http://www.rsaconference.com/writable/presentations/file_upload/anf-t07b-the-art-of-attribution-identifying-and-pursuing-your-cyber-adversaries_final.pdf

Lazarus Group

Lazarus Group is also known as:

- Operation DarkSeoul

Table 337. Table References

Links
https://threatpost.com/operation-blockbuster-coalition-ties-destructive-attacks-to-lazarus-group/116422/

Viceroy Tiger

Viceroy Tiger is also known as:

- Appin
- OperationHangover

Table 338. Table References

Links
http://enterprise-manage.norman.c.bitbit.net/resources/files/Unveiling_an_Indian_Cyberattack_Infrastructure.pdf

Pizzo Spider

Pizzo Spider is also known as:

- DD4BC
- Ambiorx

Corsair Jackal

Corsair Jackal is also known as:

- TunisianCyberArmy

SNOWGLOBE

In 2014, researchers at Kaspersky Lab discovered and reported on three zero-days that were being used in cyberattacks in the wild. Two of these zero-day vulnerabilities are associated with an advanced threat actor we call Animal Farm. Over the past few years, Animal Farm has targeted a wide range of global organizations. The group has been active since at least 2009 and there are signs that earlier malware versions were developed as far back as 2007.

SNOWGLOBE is also known as:

- Animal Farm

Table 339. Table References

Links
https://securelist.com/blog/research/69114/animals-in-the-apt-farm/

Deadeye Jackal

The Syrian Electronic Army (SEA) is a group of computer hackers which first surfaced online in 2011 to support the government of Syrian President Bashar al-Assad. Using spamming, website defacement, malware, phishing, and denial of service attacks, it has targeted political opposition groups, western news organizations, human rights groups and websites that are seemingly neutral to the Syrian conflict. It has also hacked government websites in the Middle East and Europe, as well as US defense contractors. As of 2011 the SEA has been **the first Arab country to have a public Internet Army hosted on its national networks to openly launch cyber attacks on its enemies**. The precise nature of SEA's relationship with the Syrian government has changed over time and is unclear

Deadeye Jackal is also known as:

- SyrianElectronicArmy
- SEA

Table 340. Table References

Links
https://en.wikipedia.org/wiki/Syrian_Electronic_Army

Operation C-Major

Group targeting Indian Army or related assets in India. Attribution to a Pakistani connection has been made by TrendMicro.

Operation C-Major is also known as:

- C-Major

Table 341. Table References

Links
http://documents.trendmicro.com/assets/pdf/Indian-military-personnel-targeted-by-information-theft-campaign-cmajor.pdf

Stealth Falcon

Group targeting Emirati journalists, activists, and dissidents.

Stealth Falcon is also known as:

- FruityArmor

Table 342. Table References

Links
https://citizenlab.org/2016/05/stealth-falcon/

ScarCruft

ScarCruft is a relatively new APT group; victims have been observed in several countries, including Russia, Nepal, South Korea, China, India, Kuwait and Romania. The group has several ongoing operations utilizing multiple exploits — two for Adobe Flash and one for Microsoft Internet Explorer.

ScarCruft is also known as:

- Operation Daybreak
- Operation Erebus

Table 343. Table References

Links
https://securelist.com/blog/research/75082/cve-2016-4171-adobe-flash-zero-day-used-in-targeted-attacks/

Pacifier APT

Bitdefender detected and blocked an ongoing cyber-espionage campaign against Romanian

institutions and other foreign targets. The attacks started in 2014, with the latest reported occurrences in May of 2016. The APT, dubbed Pacifier by Bitdefender researchers, makes use of malicious .doc documents and .zip files distributed via spear phishing e-mail.

Pacifier APT is also known as:

- Skipper
- Popeye

Table 344. Table References

Links
http://download.bitdefender.com/resources/files/News/CaseStudies/study/115/Bitdefender-Whitepaper-PAC-A4-en-EN1.pdf

HummingBad

This group created a malware that takes over Android devices and generates $300,000 per month in fraudulent ad revenue. The group effectively controls an arsenal of over 85 million mobile devices around the world. With the potential to sell access to these devices to the highest bidder

HummingBad is also known as:

- Operation C-Major

Table 345. Table References

Links
http://blog.checkpoint.com/wp-content/uploads/2016/07/HummingBad-Research-report_FINAL-62916.pdf

Dropping Elephant

Dropping Elephant (also known as “Chinastrats” and “Patchwork“) is a relatively new threat actor that is targeting a variety of high profile diplomatic and economic targets using a custom set of attack tools. Its victims are all involved with China’s foreign relations in some way, and are generally caught through spear-phishing or watering hole attacks.

Dropping Elephant is also known as:

- Chinastrats
- Patchwork
- Monsoon
- Sarit

Table 346. Table References

Links

https://securelist.com/blog/research/75328/the-dropping-elephant-actor/
http://www.symantec.com/connect/blogs/patchwork-cyberespionage-group-expands-targets-governments-wide-range-industries

Operation Transparent Tribe

Proofpoint researchers recently uncovered evidence of an advanced persistent threat (APT) against Indian diplomatic and military resources. Our investigation began with malicious emails sent to Indian embassies in Saudi Arabia and Kazakstan but turned up connections to watering hole sites focused on Indian military personnel and designed to drop a remote access Trojan (RAT) with a variety of data exfiltration functions.

Table 347. Table References

Links
https://www.proofpoint.com/sites/default/files/proofpoint-operation-transparent-tribe-threat-insight-en.pdf

Scarlet Mimic

Scarlet Mimic is a threat group that has targeted minority rights activists. This group has not been directly linked to a government source, but the group's motivations appear to overlap with those of the Chinese government. While there is some overlap between IP addresses used by Scarlet Mimic and Putter Panda, it has not been concluded that the groups are the same.

Table 348. Table References

Links
https://attack.mitre.org/wiki/Groups
http://researchcenter.paloaltonetworks.com/2016/01/scarlet-mimic-years-long-espionage-targets-minority-activists/

Poseidon Group

Poseidon Group is a Portuguese-speaking threat group that has been active since at least 2005. The group has a history of using information exfiltrated from victims to blackmail victim companies into contracting the Poseidon Group as a security firm.

Table 349. Table References

Links
https://securelist.com/blog/research/73673/poseidon-group-a-targeted-attack-boutique-specializing-in-global-cyber-espionage/
https://attack.mitre.org/wiki/Groups

DragonOK

Threat group that has targeted Japanese organizations with phishing emails. Due to overlapping TTPs, including similar custom tools, DragonOK is thought to have a direct or indirect relationship with the threat group Moafee. 2223 It is known to use a variety of malware, including Sysget/HelloBridge, PlugX, PoisonIvy, FormerFirstRat, NFlog, and NewCT.

DragonOK is also known as:

- Moafee

Table 350. Table References

Links
https://www.fireeye.com/content/dam/fireeye-www/global/en/current-threats/pdfs/wp-operation-quantum-entanglement.pdf
https://attack.mitre.org/wiki/Groups

Threat Group-3390

Chinese threat group that has extensively used strategic Web compromises to target victims.

Threat Group-3390 is also known as:

- TG-3390
- Emissary Panda

Table 351. Table References

Links
http://www.secureworks.com/cyber-threat-intelligence/threats/threat-group-3390-targets-organizations-for-cyberespionage/
https://attack.mitre.org

ProjectSauron

ProjectSauron is the name for a top level modular cyber-espionage platform, designed to enable and manage long-term campaigns through stealthy survival mechanisms coupled with multiple exfiltration methods. Technical details show how attackers learned from other extremely advanced actors in order to avoid repeating their mistakes. As such, all artifacts are customized per given target, reducing their value as indicators of compromise for any other victim. Usually APT campaigns have a geographical nexus, aimed at extracting information within a specific region or from a given industry. That usually results in several infections in countries within that region, or in the targeted industry around the world. Interestingly, ProjectSauron seems to be dedicated to just a couple of countries, focused on collecting high value intelligence by compromising almost all key entities it could possibly reach within the target area. The name, ProjectSauron reflects the fact that the code authors refer to ‘Sauron’ in the Lua scripts.

ProjectSauron is also known as:

- Strider
- Sauron

Table 352. Table References

Links
https://securelist.com/analysis/publications/75533/faq-the-projectsauron-apt/

APT 30

APT 30 is a threat group suspected to be associated with the Chinese government. While Naikon shares some characteristics with APT30, the two groups do not appear to be exact matches.

APT 30 is also known as:

- APT30

Table 353. Table References

Links
https://www2.fireeye.com/rs/fireye/images/rpt-apt30.pdf
https://attack.mitre.org/wiki/Group/G0013

TA530

TA530, who we previously examined in relation to large-scale personalized phishing campaigns

GCMAN

GCMAN is a threat group that focuses on targeting banks for the purpose of transferring money to e-currency services.

Table 354. Table References

Links
https://securelist.com/blog/research/73638/apt-style-bank-robberies-increase-with-metel-gcman-and-carbanak-2-0-attacks/

Suckfly

Suckfly is a China-based threat group that has been active since at least 2014

Table 355. Table References

Links

http://www.symantec.com/connect/blogs/suckfly-revealing-secret-life-your-code-signing-certificates

FIN6

FIN is a group targeting financial assets including assets able to do financial transaction including PoS.

Table 356. Table References

Links
https://www2.fireeye.com/rs/848-DID-242/images/rpt-fin6.pdf

Libyan Scorpions

Libyan Scorpions is a malware operation in use since September 2015 and operated by a politically motivated group whose main objective is intelligence gathering, spying on influentials and political figures and operate an espionage campaign within Libya.

TeamXRat

TeamXRat is also known as:

- CorporacaoXRat
- CorporationXRat

Table 357. Table References

Links
https://securelist.com/blog/research/76153/teamxrat-brazilian-cybercrime-meets-ransomware/

OilRig

Iranian threat agent OilRig has been targeting multiple organisations in Israel and other countries in the Middle East since the end of 2015.

Table 358. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/05/the-oilrig-campaign-attacks-on-saudi-arabian-organizations-deliver-helminth-backdoor/

Volatile Cedar

Beginning in late 2012, a carefully orchestrated attack campaign we call Volatile Cedar has been targeting individuals, companies and institutions worldwide. This campaign, led by a persistent attacker group, has successfully penetrated a large number of targets using various attack

techniques, and specifically, a custom-made malware implant codenamed Explosive .

Table 359. Table References

Links
https://www.checkpoint.com/downloads/volatile-cedar-technical-report.pdf

Malware reusers

Threat Group conducting cyber espionage while re-using tools from other teams; like those of Hacking Team, and vmprotect to obfuscate.

Malware reusers is also known as:

- Reuse team
- Dancing Salome

TERBIUM

Microsoft Threat Intelligence identified similarities between this recent attack and previous 2012 attacks against tens of thousands of computers belonging to organizations in the energy sector. Microsoft Threat Intelligence refers to the activity group behind these attacks as TERBIUM, following our internal practice of assigning rogue actors chemical element names.

Table 360. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2016/12/09/windows-10-protection-detection-and-response-against-recent-attacks/

Molerats

In October 2012, malware attacks against Israeli government targets grabbed media attention as officials temporarily cut off Internet access for its entire police force and banned the use of USB memory sticks. Security researchers subsequently linked these attacks to a broader, yearlong campaign that targeted not just Israelis but Palestinians as well. and as discovered later, even the U.S. and UK governments. Further research revealed a connection between these attacks and members of the so-called “Gaza Hackers Team.” We refer to this campaign as “Molerats.”

Molerats is also known as:

- Gaza Hackers Team
- Operation Molerats
- Extreme Jackal
- Moonlight

Table 361. Table References

Links
https://www.fireeye.com/blog/threat-research/2013/08/operation-molerats-middle-east-cyber-attacks-using-poison-ivy.html
http://blog.vectranetworks.com/blog/moonlight-middle-east-targeted-attacks

PROMETHIUM

PROMETHIUM is an activity group that has been active as early as 2012. The group primarily uses Truvasys, a first-stage malware that has been in circulation for several years. Truvasys has been involved in several attack campaigns, where it has masqueraded as one of server common computer utilities, including WinUtils, TrueCrypt, WinRAR, or SanDisk. In each of the campaigns, Truvasys malware evolved with additional features—this shows a close relationship between the activity groups behind the campaigns and the developers of the malware.

PROMETHIUM is also known as:

- StrongPity

Table 362. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2016/12/14/twin-zero-day-attacks-promethium-and-neodymium-target-individuals-in-europe/
https://www.virusbulletin.com/conference/vb2016/abstracts/last-minute-paper-strongpity-waterhole-attacks-targeting-italian-and-belgian-encryption-users

NEODYMIUM

NEODYMIUM is an activity group that is known to use a backdoor malware detected by Microsoft as Wingbird. This backdoor's characteristics closely match FinFisher, a government-grade commercial surveillance package. Data about Wingbird activity indicate that it is typically used to attack individual computers instead of networks.

Table 363. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2016/12/14/twin-zero-day-attacks-promethium-and-neodymium-target-individuals-in-europe/

Packrat

A threat group that has been active for at least seven years has used malware, phishing and disinformation tactics to target activists, journalists, politicians and public figures in various Latin American countries. The threat actor, dubbed Packrat based on its preference for remote access Trojans (RATs) and because it has used the same infrastructure for several years, has been analyzed by Citizen Lab researchers John Scott-Railton, Morgan Marquis-Boire, and Claudio Guarnieri, and Cyphort researcher Marion Marschalek, best known for her extensive analysis of state-sponsored

threats.

Table 364. Table References

Links
https://citizenlab.org/2015/12/packrat-report/

Cadelle

Symantec telemetry identified Cadelle and Chafer activity dating from as far back as July 2014, however, it's likely that activity began well before this date. Command-and-control (C&C) registrant information points to activity possibly as early as 2011, while executable compilation times suggest early 2012. Their attacks continue to the present day. Symantec estimates that each team is made up of between 5 and 10 people.

Table 365. Table References

Links
https://www.symantec.com/connect/blogs/iran-based-attackers-use-back-door-threats-spy-middle-eastern-targets

Chafer

Symantec telemetry identified Cadelle and Chafer activity dating from as far back as July 2014, however, it's likely that activity began well before this date. Command-and-control (C&C) registrant information points to activity possibly as early as 2011, while executable compilation times suggest early 2012. Their attacks continue to the present day. Symantec estimates that each team is made up of between 5 and 10 people.

Table 366. Table References

Links
https://www.symantec.com/connect/blogs/iran-based-attackers-use-back-door-threats-spy-middle-eastern-targets

PassCV

The PassCV group continues to be one of the most successful and active threat groups that leverage a wide array of stolen Authenticode-signing certificates. Snorre Fagerland of Blue Coat Systems first coined the term PassCV in a blog post. His post provides a good introduction to the group and covers some of the older infrastructure, stolen code-signing certificate reuse, and other connections associated with the PassCV malware. There are several clues alluding to the possibility that multiple groups may be utilizing the same stolen signing certificates, but at this time SPEAR believes the current attacks are more likely being perpetrated by a single group employing multiple publicly available Remote Administration Tools (RATs). The PassCV group has been operating with continued success and has already started to expand their malware repertoire into different off-the-shelf RATs and custom code. SPEAR identified eighteen previously undisclosed stolen Authenticode certificates. These certificates were originally issued to companies and individuals

scattered across China, Taiwan, Korea, Europe, the United States and Russia. In this post we expand the usage of the term 'PassCV' to encompass the malware mentioned in the Blue Coat Systems report, as well as the APT group behind the larger C2 infrastructure and stolen Authenticode certificates. We'd like to share some of our findings as they pertain to the stolen certificates, command and control infrastructure, and some of the newer custom RATs they've begun development on.

Table 367. Table References

Links
https://blog.cylance.com/digitally-signed-malware-targeting-gaming-companies

Sath-ı Müdafaa

A Turkish hacking group, Sath-ı Müdafaa, is encouraging individuals to join its DDoS-for-Points platform that features points and prizes for carrying out distributed denial-of-service (DDoS) attacks against a list of predetermined targets. Their DDoS tool also contains a backdoor to hack the hackers. So the overarching motivation and allegiance of the group is not entirely clear.

Aslan Neferler Tim

Turkish nationalist hacktivist group that has been active for roughly one year. According to Domaintools, the group's site has been registered since December 2015, with an active Twitter account since January 2016. The group carries out distributed denial-of-service (DDoS) attacks and defacements against the sites of news organizations and governments perceived to be critical of Turkey's policies or leadership, and purports to act in defense of Islam

Aslan Neferler Tim is also known as:

- Lion Soldiers Team
- Phantom Turk

Ayyıldız Tim

Ayyıldız (Crescent and Star) Tim is a nationalist hacking group founded in 2002. It performs defacements and DDoS attacks against the websites of governments that it considers to be repressing Muslim minorities or engaged in Islamophobic policies.

Ayyıldız Tim is also known as:

- Crescent and Star

TurkHackTeam

Founded in 2004, Turkhackteam is one of Turkey's oldest and most high-profile hacking collectives. According to a list compiled on Turkhackteam's forum, the group has carried out almost 30 highly publicized hacking campaigns targeting foreign government and commercial websites, including

websites of international corporations.

TurkHackTeam is also known as:

- Turk Hack Team

Equation Group

The Equation Group is a highly sophisticated threat actor described by its discoverers at Kaspersky Labs as one of the most sophisticated cyber attack groups in the world, operating alongside but always from a position of superiority with the creators of Stuxnet and Flame

Table 368. Table References

Links
https://en.wikipedia.org/wiki/Equation_Group

Greenbug

Greenbug was discovered targeting a range of organizations in the Middle East including companies in the aviation, energy, government, investment, and education sectors.

Table 369. Table References

Links
https://www.symantec.com/connect/blogs/greenbug-cyberespionage-group-targeting-middle-east-possible-links-shamoon

Gamaredon Group

Unit 42 threat researchers have recently observed a threat group distributing new, custom developed malware. We have labelled this threat group the Gamaredon Group and our research shows that the Gamaredon Group has been active since at least 2013. In the past, the Gamaredon Group has relied heavily on off-the-shelf tools. Our new research shows the Gamaredon Group have made a shift to custom-developed malware. We believe this shift indicates the Gamaredon Group have improved their technical capabilities.

Table 370. Table References

Links
http://researchcenter.paloaltonetworks.com/2017/02/unit-42-title-gamaredon-group-toolset-evolution

Hammer Panda

Hammer Panda is a group of suspected Chinese origin targeting organisations in Russia.

Hammer Panda is also known as:

- Zhenbao

Table 371. Table References

Links
http://www.darkreading.com/endpoint/chinese-cyberspies-pivot-to-russia-in-wake-of-obama-xi-pact/d/d-id/1324242

Barium

Barium is one of the groups using Winnti.

Table 372. Table References

Links
https://blogs.technet.microsoft.com/mmpc/2017/01/25/detecting-threat-actors-in-recent-german-industrial-attacks-with-windows-defender-atp

Infy

Infy is a group of suspected Iranian origin.

Infy is also known as:

- Operation Mermaid

Table 373. Table References

Links
https://www.blackhat.com/docs/us-16/materials/us-16-Guarnieri-Iran-And-The-Soft-War-For-Internet-Dominance-wp.pdf

Sima

Sima is a group of suspected Iranian origin targeting Iranians in diaspora.

Table 374. Table References

Links
https://www.blackhat.com/docs/us-16/materials/us-16-Guarnieri-Iran-And-The-Soft-War-For-Internet-Dominance-wp.pdf

Blue Termite

Blue Termite is a group of suspected Chinese origin active in Japan.

Blue Termite is also known as:

- Cloudy Omega

Table 375. Table References

Links
https://securelist.com/blog/research/71876/new-activity-of-the-blue-termite-apt/

Groundbait

Groundbait is a group targeting anti-government separatists in the self-declared Donetsk and Luhansk People's Republics.

Table 376. Table References

Links
http://www.welivesecurity.com/2016/05/18/groundbait

Longhorn

Longhorn has been active since at least 2011. It has used a range of back door Trojans in addition to zero-day vulnerabilities to compromise its targets. Longhorn has infiltrated governments and internationally operating organizations, in addition to targets in the financial, telecoms, energy, aerospace, information technology, education, and natural resources sectors. All of the organizations targeted would be of interest to a nation-state attacker. Longhorn has infected 40 targets in at least 16 countries across the Middle East, Europe, Asia, and Africa. On one occasion a computer in the United States was compromised but, following infection, an uninstaller was launched within hours, which may indicate this victim was infected unintentionally.

Table 377. Table References

Links
https://www.symantec.com/connect/blogs/longhorn-tools-used-cyberespionage-group-linked-vault-7

Callisto

The Callisto Group is an advanced threat actor whose known targets include military personnel, government officials, think tanks, and journalists in Europe and the South Caucasus. Their primary interest appears to be gathering intelligence related to foreign and security policy in the Eastern Europe and South Caucasus regions.

Table 378. Table References

Links
https://www.f-secure.com/documents/996508/1030745/callisto-group

Tool

threat-actor-tools is an enumeration of tools used by adversaries. The list includes malware but also common software regularly used by the adversaries..

Tool is a cluster galaxy available in JSON format at **this location** The JSON format can be freely reused in your application or automatically enabled in MISP.

authors

Alexandre Dulaunoy - Florian Roth - Timo Steffens - Christophe Vandeplas

Tinba

Banking Malware

Tinba is also known as:

- Hunter
- Zusy
- TinyBanker

Table 379. Table References

Links
https://thehackernews.com/search/label/Zusy%20Malware
http://blog.trendmicro.com/trendlabs-security-intelligence/the-tinbatinybanker-malware/

PlugX

Malware

PlugX is also known as:

- Backdoor.FSZO-5117
- Trojan.Heur.JP.juW@ayZZvMb
- Trojan.Inject1.6386
- Korplug
- Agent.dhwf

Table 380. Table References

Links
https://www.trendmicro.com/vinfo/us/threat-encyclopedia/web-attack/112/pulling-the-plug-on-plugx

MSUpdater

```
Trojan (RAT) linked to current targeted attacks and others dating back to at least
early 2009
```

Table 381. Table References

Links
https://www.zscaler.com/pdf/whitepapers/msupdater_trojan_whitepaper.pdfx

Lazagne

A password sthealing tool regularly used by attackers

Table 382. Table References

Links
https://github.com/AlessandroZ/LaZagne

Poison Ivy

Poison Ivy is a RAT which was freely available and first released in 2005.

Poison Ivy is also known as:

- Backdoor.Win32.PoisonIvy
- Gen:Trojan.Heur.PT

Table 383. Table References

Links
https://www.fireeye.com/content/dam/fireeye-www/global/en/current-threats/pdfs/rpt-poison-ivy.pdf
https://www.f-secure.com/v-descs/backdoor_w32_poisonivy.shtml

SPIVY

In March 2016, Unit 42 observed this new Poison Ivy variant we've named SPIVY being deployed via weaponized documents leveraging CVE-2015-2545.

Table 384. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/04/unit42-new-poison-ivy-rat-variant-targets-hong-kong-pro-democracy-activists/

Torn RAT

Torn RAT is also known as:

- Anchor Panda

Table 385. Table References

Links
https://www.crowdstrike.com/blog/whois-anchor-panda/

OzoneRAT

OzoneRAT is also known as:

- Ozone RAT
- ozonercp

Table 386. Table References

Links
https://blog.fortinet.com/2016/08/29/german-speakers-targeted-by-spam-leading-to-ozone-rat

ZeGhost

ZeGhots is a RAT which was freely available and first released in 2014.

ZeGhost is also known as:

- BackDoor-FBZT!52D84425CDF2
- Trojan.Win32.Staser.ytq
- Win32/Zegost.BW

Table 387. Table References

Links
https://www.microsoft.com/security/portal/threat/encyclopedia/entry.aspx?Name=Backdoor%3aWin32%2fZegost.BW

Elise Backdoor

Trojan (RAT) linked to current targeted attacks and others dating back to at least early 2009

Elise Backdoor is also known as:

- Elise

Table 388. Table References

Links
http://thehackernews.com/2015/08/elise-malware-hacking.html

Trojan.Laziok

A new information stealer, Trojan.Laziok, acts as a reconnaissance tool allowing attackers to gather

information and tailor their attack methods for each compromised computer.

Trojan.Laziok is also known as:

- Laziok

Table 389. Table References

Links
http://www.symantec.com/connect/blogs/new-reconnaissance-threat-trojanlaziok-targets-energy-sector

Slempo

Android-based malware

Slempo is also known as:

- GM-Bot
- SlemBunk
- Bankosy
- Acecard

Table 390. Table References

Links
https://securityintelligence.com/android-malware-about-to-get-worse-gm-bot-source-code-leaked/

PWOBot

We have discovered a malware family named ‘PWOBot’ that is fairly unique because it is written entirely in Python, and compiled via PyInstaller to generate a Microsoft Windows executable. The malware has been witnessed affecting a number of Europe-based organizations, particularly in Poland. Additionally, the malware is delivered via a popular Polish file-sharing web service.

PWOBot is also known as:

- PWOLauncher
- PWOHTTPD
- PWOKeyLogger
- PWOMiner
- PWOPyExec
- PWOQuery

Table 391. Table References

Links

http://researchcenter.paloaltonetworks.com/2016/04/unit42-python-based-pwobot-targets-european-organizations/

Lost Door RAT

We recently came across a cyber attack that used a remote access Trojan (RAT) called Lost Door, a tool currently offered on social media sites. What also struck us the most about this RAT (detected as BKDR_LODORAT.A) is how it abuses the Port Forward feature in routers.

Lost Door RAT is also known as:

- LostDoor RAT
- BKDR_LODORAT

Table 392. Table References

Links
http://blog.trendmicro.com/trendlabs-security-intelligence/lost-door-rat-accessible-customizable-attack-tool/

njRAT

njRAT is also known as:

- Bladabindi
- Jorik

Table 393. Table References

Links
http://www.fidelissecurity.com/files/files/FTA_1009-njRAT_Uncovered_rev2.pdf
https://github.com/kevthehermit/RATDecoders/blob/master/yaraRules/njRat.yar

NanoCoreRAT

NanoCoreRAT is also known as:

- NanoCore
- Nancrat
- Zurten
- Atros2.CKPN

Table 394. Table References

Links
http://www.symantec.com/connect/blogs/nanocore-another-rat-tries-make-it-out-gutter

https://nanocore.io/

Sakula

Sakula is also known as:

- Sakurel

Table 395. Table References

Links
https://www.secureworks.com/research/sakula-malware-family

Hi-ZOR

Table 396. Table References

Links
http://www.threatgeek.com/2016/01/introducing-hi-zor-rat.html

Derusbi

Derusbi is also known as:

- TROJ_DLLSERV.BE

Table 397. Table References

Links
http://www.novetta.com/wp-content/uploads/2014/11/Derusbi.pdf
https://www.rsaconference.com/writable/presentations/file_upload/hta-w02-dissecting-derusbi.pdf

EvilGrab

EvilGrab is also known as:

- BKDR_HGDER
- BKDR_EVILOGE
- BKDR_NVICM
- Wmonder

Table 398. Table References

Links
http://blog.trendmicro.com/trendlabs-security-intelligence/evilgrab-malware-family-used-in-targeted-attacks-in-asia/

http://researchcenter.paloaltonetworks.com/2015/06/evilgrab-delivered-by-watering-hole-attack-on-president-of-myanmars-website/

Trojan.Naid

Trojan.Naid is also known as:

- Naid
- Mdmbot.E
- AGENT.GUNZ
- AGENT.AQUP.DROPPER
- AGENT.BMZA
- MCRAT.A
- AGENT.ABQMR

Table 399. Table References

Links
https://www.symantec.com/connect/blogs/cve-2012-1875-exploited-wild-part-1-trojannaid
http://telussecuritylabs.com/threats/show/TSL20120614-05

Moudoor

Backdoor.Moudoor, a customized version of Gh0st RAT

Moudoor is also known as:

- SCAR
- KillProc.14145

Table 400. Table References

Links
http://www.darkreading.com/attacks-breaches/elite-chinese-cyberspy-group-behind-bit9-hack/d/d-id/1140495
https://securityledger.com/2013/09/apt-for-hire-symantec-outs-hidden-lynx-hacking-crew/

NetTraveler

APT that infected hundreds of high profile victims in more than 40 countries. Known targets of NetTraveler include Tibetan/Uyghur activists, oil industry companies, scientific research centers and institutes, universities, private companies, governments and governmental institutions, embassies and military contractors.

NetTraveler is also known as:

- TravNet
- Netfile

Table 401. Table References

Links
https://securelist.com/blog/incidents/57455/nettraveler-is-back-the-red-star-apt-returns-with-new-tricks/

Winnti

APT used As part of Operation SMN, Novetta analyzed recent versions of the Winnti malware. The samples, compiled from mid- to late 2014, exhibited minimal functional changes over the previous generations Kaspersky reported in 2013.

Winnti is also known as:

- Etso
- SUQ
- Agent.ALQHI

Table 402. Table References

Links
https://securelist.com/blog/incidents/57455/nettraveler-is-back-the-red-star-apt-returns-with-new-tricks/

Mimikatz

Ease Credential stealh and replay, A little tool to play with Windows security.

Mimikatz is also known as:

- Mikatz

Table 403. Table References

Links
https://github.com/gentilkiwi/mimikatz

WEBC2

Backdoor attribued to APT1

Table 404. Table References

Links
https://github.com/gnaegle/cse4990-practical3

https://www.securestate.com/blog/2013/02/20/apt-if-it-aint-broke

Pirpi

Symantec has observed Buckeye activity dating back to 2009, involving attacks on various organizations in several regions. Buckeye used a remote access Trojan (Backdoor.Pirpi) in attacks against a US organization's network in 2009. The group delivered Backdoor.Pirpi through malicious attachments or links in convincing spear-phishing emails.

Pirpi is also known as:

- Badey
- EXL

Table 405. Table References

Links
http://www.symantec.com/connect/blogs/buckeye-cyberespionage-group-shifts-gaze-us-hong-kong

RARSTONE

RARSTONE is a Remote Access Tool (RAT) discovered early 2013 by TrendMicro, it's characterized by a great affinity with the other RAT know as Plug is and was used in April for phishing campaigns that followed the dramatic attack to the Boston Marathon.

Table 406. Table References

Links
http://blog.trendmicro.com/trendlabs-security-intelligence/bkdr_rarstone-new-rat-to-watch-out-for/

Backspace

Backspace is a Backdoor that targets the Windows platform. This malware is reportedly associated with targeted attacks against Association of Southeast Asian Nations (ASEAN) members (APT30).

Backspace is also known as:

- Lecna

Table 407. Table References

Links
https://www2.fireeye.com/WEB-2015RPTAPT30.html
https://www.fireeye.com/content/dam/fireeye-www/current-threats/pdfs/rpt-southeast-asia-threat-landscape.pdf

XSControl

Backdoor user by he Naikon APT group

Table 408. Table References

Links
https://securelist.com/analysis/publications/69953/the-naikon-apt/
https://kasperskycontenthub.com/securelist/files/2015/05/TheNaikonAPT-MsnMM.pdf

Neteagle

NETEAGLE is a backdoor developed by APT30 with compile dates as early as 2008. It has two main variants known as Scout and Norton.

Neteagle is also known as:

- scout
- norton

Table 409. Table References

Links
https://attack.mitre.org/wiki/Software/S0034
https://www2.fireeye.com/rs/fireye/images/rpt-apt30.pdf

Agent.BTZ

In November 2014, the experts of the G DATA SecurityLabs published an article about ComRAT, the Agent.BTZ successor. We explained that this case is linked to the Uroburos rootkit.

Agent.BTZ is also known as:

- ComRat

Table 410. Table References

Links
https://blog.gdatasoftware.com/2015/01/23927-evolution-of-sophisticated-spyware-from-agent-btz-to-comrat

Heseber BOT

RAT bundle with standard VNC (to avoid/limit A/V detection).

Agent.dne

Wipbot

Waterbug is the name given to the actors who use the malware tools Trojan.Wipbot (also known as Tavdig and Epic Turla)

Wipbot is also known as:

- Tavdig
- Epic Turla
- WorldCupSec
- TadjMakhal

Table 411. Table References

Links
https://securelist.com/analysis/publications/65545/the-epic-turla-operation/
https://www.symantec.com/content/en/us/enterprise/media/security_response/whitepapers/waterbug-attack-group.pdf

Turla

Family of related sophisticated backdoor software - Name comes from Microsoft detection signature – anagram of Ultra (Ultra3) was a name of the fake driver).

Turla is also known as:

- Snake
- Uroburos
- Urouros

Table 412. Table References

Links
https://www.first.org/resources/papers/tbilisi2014/turla-operations_and_development.pdf

Winexe

Dark Comet

RAT initialy identified in 2011 and still actively used.

Cadelspy

Cadelspy is also known as:

- WinSpy

CMStar

Table 413. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/03/digital-quartermaster-scenario-demonstrated-in-attacks-against-the-mongolian-government/

DHS2015

DHS2015 is also known as:

- iRAT

Table 414. Table References

Links
https://securelist.com/files/2015/02/The-Desert-Falcons-targeted-attacks.pdf

Gh0st Rat

Gh0st Rat is a well-known Chinese remote access trojan which was originally made by C.Rufus Security Team several years ago.

Gh0st Rat is also known as:

- Gh0stRat, GhostRat

Table 415. Table References

Links
http://download01.norman.no/documents/ThemanyfacesofGh0stRat.pdf

Fakem RAT

Fakem RAT makes their network traffic look like well-known protocols (e.g. Messenger traffic, HTML pages).

Fakem RAT is also known as:

- FAKEM

Table 416. Table References

Links
http://www.trendmicro.com/cloud-content/us/pdfs/security-intelligence/white-papers/wp-fakem-rat.pdf

MFC Huner

MFC Huner is also known as:

- Hupigon
- BKDR_HUPIGON

Table 417. Table References

Links
http://blog.trendmicro.com/trendlabs-security-intelligence/japan-us-defense-industries-among-targeted-entities-in-latest-attack/

Blackshades

Blackshades Remote Access Tool targets Microsoft Windows operating systems. Authors were arrested in 2012 and 2014.

Table 418. Table References

Links
https://www.justice.gov/usao-sdny/pr/manhattan-us-attorney-and-fbi-assistant-director-charge-announce-charges-connection
https://blog.malwarebytes.org/intelligence/2012/06/you-dirty-rat-part-2-blackshades-net/

CHOPSTICK

backdoor used by apt28

CHOPSTICK is also known as:

- webhp
- SPLM
- (.v2 fysbis)

Table 419. Table References

Links
https://www2.fireeye.com/rs/848-DID-242/images/APT28-Center-of-Storm-2017.pdf

EVILTOSS

backdoor used by apt28

EVILTOSS is also known as:

- Sedreco
- AZZY
- ADVSTORESHELL
- NETUI

Table 420. Table References

Links
https://www2.fireeye.com/rs/848-DID-242/images/APT28-Center-of-Storm-2017.pdf

GAMEFISH

backdoor

GAMEFISH is also known as:

- Sednit
- Seduploader
- JHUHUGIT
- Sofacy

Table 421. Table References

Links
https://www2.fireeye.com/rs/848-DID-242/images/APT28-Center-of-Storm-2017.pdf

SOURFACE

downloader - Older version of CORESHELL

SOURFACE is also known as:

- Sofacy

Table 422. Table References

Links
https://www2.fireeye.com/rs/848-DID-242/images/APT28-Center-of-Storm-2017.pdf

OLDBAIT

credential harvester

OLDBAIT is also known as:

- Sasfis
- BackDoor-FDU
- IEChecker

Table 423. Table References

Links
https://www.trendmicro.com/vinfo/us/threat-encyclopedia/malware/troj_sasfis.tl
https://www2.fireeye.com/rs/848-DID-242/images/APT28-Center-of-Storm-2017.pdf

CORESHELL

downloader - Newer version of SOURFACE

CORESHELL is also known as:

- Sofacy

Table 424. Table References

Links
https://www2.fireeye.com/rs/848-DID-242/images/APT28-Center-of-Storm-2017.pdf

Havex RAT

Havex RAT is also known as:

- Havex

KjW0rm

RAT initially written in VB.

Table 425. Table References

Links
https://www.sentinelone.com/blog/understanding-kjw0rm-malware-we-dive-in-to-the-tv5-cyber-attack/

TinyTyphon

Badnews

LURK

Oldrea

AmmyAdmin

Matryoshka

TinyZBot

GHOLE

CWoolger

FireMalv

Regin

Regin (also known as Prax or WarriorPride) is a sophisticated malware toolkit revealed by Kaspersky Lab, Symantec, and The Intercept in November 2014. The malware targets specific users of Microsoft Windows-based computers and has been linked to the US intelligence gathering agency NSA and its British counterpart, the GCHQ. The Intercept provided samples of Regin for download including malware discovered at Belgian telecommunications provider, Belgacom. Kaspersky Lab says it first became aware of Regin in spring 2012, but that some of the earliest samples date from 2003. The name Regin is first found on the VirusTotal website on 9 March 2011.

Regin is also known as:

- Prax
- WarriorPride

Table 426. Table References

Links
https://en.wikipedia.org/wiki/Regin_(malware)

Duqu

Flame

Stuxnet

EquationLaser

EquationDrug

DoubleFantasy

TripleFantasy

Fanny

GrayFish

Babar

Bunny

Casper

NBot

Tafacalou

Tdrop

Troy

Tdrop2

ZXShell

ZXShell is also known as:

- Sensode

Table 427. Table References

Links
http://www.fireeye.com/blog/uncategorized/2014/02/operation-snowman-deputydog-actor-compromises-us-veterans-of-foreign-wars-website.html

T9000

Table 428. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/02/t9000-advanced-modular-backdoor-uses-complex-anti-analysis-techniques/

T5000

T5000 is also known as:

- Plat1

Table 429. Table References

Links
http://www.cylance.com/techblog/Grand-Theft-Auto-Panda.shtml

Taidoor

Table 430. Table References

Links
http://www.symantec.com/connect/blogs/trojantaidoor-takes-aim-policy-think-tanks

Swisyn

Table 431. Table References

Links
http://labs.alienvault.com/labs/index.php/2013/latest-adobe-pdf-exploit-used-to-target-uyghur-and-tibetan-activists/

Rekaf

Table 432. Table References

Links
https://www.proofpoint.com/us/exploring-bergard-old-malware-new-tricks

Scieron

SkeletonKey

Table 433. Table References

Links

http://www.secureworks.com/cyber-threat-intelligence/threats/skeleton-key-malware-analysis/

Skyipot

Table 434. Table References

Links
http://labs.alienvault.com/labs/index.php/2011/another-sykipot-sample-likely-targeting-us-federal-agencies/

Spindest

Table 435. Table References

Links
http://www.threatconnect.com/news/threatconnect-enables-healthy-networking-biomed-life-sciences-industry/

Preshin

Oficla

PCClient RAT

Table 436. Table References

Links
http://researchcenter.paloaltonetworks.com/2014/10/new-indicators-compromise-apt-group-nitro-uncovered/

Plexor

Mongall

Table 437. Table References

Links
https://www.fireeye.com/blog/threat-research/2014/09/the-path-to-mass-producing-cyber-attacks.html

NeD Worm

Table 438. Table References

Links
http://www.clearskysec.com/dustysky/

NewCT

Table 439. Table References

Links
https://www.fireeye.com/blog/threat-research/2014/09/the-path-to-mass-producing-cyber-attacks.html

Nflog

Table 440. Table References

Links
https://www.fireeye.com/blog/threat-research/2014/09/the-path-to-mass-producing-cyber-attacks.html

Janicab

Table 441. Table References

Links
http://blog.avast.com/2013/07/22/multisystem-trojan-janicab-attacks-windows-and-macosx-via-scripts/

Jripbot

Jripbot is also known as:

- Jiripbot

Table 442. Table References

Links
http://www.symantec.com/content/en/us/enterprise/media/security_response/whitepapers/butterfly-corporate-spies-out-for-financial-gain.pdf

Jolob

Table 443. Table References

Links
http://pwc.blogs.com/cyber_security_updates/2014/10/scanbox-framework-whos-affected-and-whos-using-it-1.html

IsSpace

Table 444. Table References

Links
https://www.fireeye.com/blog/threat-research/2014/09/the-path-to-mass-producing-cyber-attacks.html

Hoardy

Hoardy is also known as:

- Hoarde
- Phindolp
- BS2005

Htran

Table 445. Table References

Links
http://www.secureworks.com/research/threats/htran/

HTTPBrowser

HTTPBrowser is also known as:

- TokenControl

Table 446. Table References

Links
https://www.threatstream.com/blog/evasive-maneuvers-the-wekby-group-attempts-to-evade-analysis-via-custom-rop

Disgufa

Elirks

Snifula

Snifula is also known as:

- Ursnif

Table 447. Table References

Links
https://www.circl.lu/pub/tr-13/

Aumlib

Aumlib is also known as:

- Yayih
- mswab
- Graftor

Table 448. Table References

Links
http://www.cybersquared.com/killing-with-a-borrowed-knife-chaining-core-cloud-service-profile-infrastructure-for-cyber-attacks

CTRat

Table 449. Table References

Links
http://www.fireeye.com/blog/technical/threat-intelligence/2014/07/spy-of-the-tiger.html

Emdivi

Emdivi is also known as:

- Newsripper

Table 450. Table References

Links
http://www.symantec.com/connect/blogs/operation-cloudyomega-ichitaro-zero-day-and-ongoing-cyberespionage-campaign-targeting-japan

Etumbot

Etumbot is also known as:

- Exploz
- Specfix
- RIPTIDE

Table 451. Table References

Links
www.arbornetworks.com/asert/wp-content/uploads/2014/06/ASERT-Threat-Intelligence-Brief-2014-07-Illuminating-Etumbot-APT.pdf[www.arbornetworks.com/asert/wp-content/uploads/2014/06/ASERT-Threat-Intelligence-Brief-2014-07-Illuminating-Etumbot-APT.pdf]

Fexel

Fexel is also known as:

- Loneagent

Fysbis

Table 452. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/02/a-look-into-fysbis-sofacys-linux-backdoor/

Hikit

Table 453. Table References

Links
https://blog.bit9.com/2013/02/25/bit9-security-incident-update/

Hancitor

Hancitor is also known as:

- Tordal
- Chanitor

Table 454. Table References

Links
https://www.proofpoint.com/us/threat-insight/post/hancitor-ruckguv-reappear

Ruckguv

Table 455. Table References

Links
https://www.proofpoint.com/us/threat-insight/post/hancitor-ruckguv-reappear

HerHer Trojan

Table 456. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/05/the-oilrig-campaign-attacks-on-saudi-arabian-organizations-deliver-helminth-backdoor/

Helminth backdoor

Table 457. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/05/the-oilrig-campaign-attacks-on-saudi-arabian-organizations-deliver-helminth-backdoor/

HDRoot

Table 458. Table References

Links
http://williamshowalter.com/a-universal-windows-bootkit/

IRONGATE

Table 459. Table References

Links
https://www.fireeye.com/blog/threat-research/2016/06/irongate_ics_malware.html

ShimRAT

Table 460. Table References

Links
https://foxitsecurity.files.wordpress.com/2016/06/fox-it_mofang_threatreport_tlp-white.pdf

X-Agent

This backdoor component is known to have a modular structure featuring various espionage functionalities, such as key-logging, screen grabbing and file exfiltration. This component is available for Osx, Windows, Linux and iOS operating systems.

X-Agent is also known as:

- XAgent

Table 461. Table References

Links
http://blog.trendmicro.com/trendlabs-security-intelligence/pawn-storm-update-ios-espionage-app-found/
https://app.box.com/s/l7n781ig6n8wlf1aff5hgwbh4qoi5jqq

X-Tunnel

X-Tunnel is also known as:

- XTunnel

Foozer

Table 462. Table References

Links
https://www.crowdstrike.com/blog/bears-midst-intrusion-democratic-national-committee/

WinIDS

Table 463. Table References

Links
https://www.crowdstrike.com/blog/bears-midst-intrusion-democratic-national-committee/

DownRange

Table 464. Table References

Links
https://www.crowdstrike.com/blog/bears-midst-intrusion-democratic-national-committee/

Mad Max

Table 465. Table References

Links
https://www.arbornetworks.com/blog/asert/mad-max-dga/

Crimson

Crimson is malware used as part of a campaign known as Operation Transparent Tribe that targeted Indian diplomatic and military victims

Table 466. Table References

Links
https://www.proofpoint.com/sites/default/files/proofpoint-operation-transparent-tribe-threat-insight-en.pdf

Prikormka

Operation Groundbait based on our research into the Prikormka malware family. This includes detailed technical analysis of the Prikormka malware family and its spreading mechanisms, and a description of the most noteworthy attack campaigns.

Table 467. Table References

Links
http://www.welivesecurity.com/wp-content/uploads/2016/05/Operation-Groundbait.pdf

NanHaiShu

This whitepaper details a malicious program we identify as NanHaiShu. Based on our analysis, the threat actor behind this malware targets government and private-sector organizations.

Table 468. Table References

Links
https://www.f-secure.com/documents/996508/1030745/nanhaishu_whitepaper.pdf

Umbreon

Umbreon (sharing the same name as the Pokémon) targets Linux systems, including systems running both Intel and ARM processors, expanding the scope of this threat to include embedded devices as well.

Table 469. Table References

Links
http://blog.trendmicro.com/trendlabs-security-intelligence/pokemon-themed-umbreon-linux-rootkit-hits-x86-arm-systems/

Odinaff

Odinaff is typically deployed in the first stage of an attack, to gain a foothold onto the network, providing a persistent presence and the ability to install additional tools onto the target network. These additional tools bear the hallmarks of a sophisticated attacker which has plagued the financial industry since at least 2013–Carbanak. This new wave of attacks has also used some infrastructure that has previously been used in Carbanak campaigns.

Table 470. Table References

Links
https://www.symantec.com/connect/blogs/odinaff-new-trojan-used-high-level-financial-attacks

Hworm

Unit 42 has observed a new version of Hworm (or Houdini) being used within multiple attacks. This blog outlines technical details of this new Hworm version and documents an attack campaign making use of the backdoor. Of the samples used in this attack, the first we observed were June 2016, while as-of publication we were still seeing attacks as recently as mid-October, suggesting that this is likely an active, ongoing campaign.

Hworm is also known as:

- Houdini

Table 471. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/10/unit42-houdinis-magic-reappearance/

Backdoor.Dripion

Backdoor.Dripion was custom developed, deployed in a highly targeted fashion, and used command and control servers disguised as antivirus company websites.

Backdoor.Dripion is also known as:

- Dripion

Table 472. Table References

Links
http://www.symantec.com/connect/blogs/taiwan-targeted-new-cyberespionage-back-door-trojan

Adwind

Adwind is a backdoor written purely in Java that targets system supporting the Java runtime environment. Commands that can be used, among other things, to display messages on the system, open URLs, update the malware, download/execute files, and download/load plugins. A significant amount of additional functionality can be provided through downloadable plugins, including such things as remote control options and shell command execution.

Adwind is also known as:

- AlienSpy
- Frutas
- Unrecom
- Sockrat
- JSocket
- jRat

- Backdoor:Java/Adwind

Table 473. Table References

Links
https://securelist.com/blog/research/73660/adwind-faq/

Bedep

Cromptui

Dridex

Dridex is a strain of banking malware that leverages macros in Microsoft Office to infect systems. Once a computer has been infected, Dridex attackers can steal banking credentials and other personal information on the system to gain access to the financial records of a user.

Dridex is also known as:

- Cridex

Table 474. Table References

Links
http://www.symantec.com/content/en/us/enterprise/media/security_response/whitepapers/dridex-financial-trojan.pdf

Fareit

Gafgyt

Gamarue

Gamarue is also known as:

- Andromeda

Table 475. Table References

Links
https://blog.gdatasoftware.com/2015/03/24274-the-andromeda-gamarue-botnet-is-on-the-rise-again

Necurs

The Necurs botnet is a distributor of many pieces of malware, most notably Locky.

Table 476. Table References

Links
https://en.wikipedia.org/wiki/Necurs_botnet

Palevo

Akbot

Akbot is also known as:

- Qbot
- Qakbot
- PinkSlipBot

Table 477. Table References

Links
https://en.wikipedia.org/wiki/Akbot

Upatre

Upatre is a Trojan downloader that is used to set up other threats on the victim's PC. Upatre has been used recently in several high profile Trojan attacks involving the Gameover Trojan.

Vawtrak

Vawtrak is an information stealing malware family that is primarily used to gain unauthorised access to bank accounts through online banking websites.

Table 478. Table References

Links
https://www.sophos.com/medialibrary/PDFs/technical%20papers/sophos-vawtrak-international-crimeware-as-a-service-tpna.pdf

Empire

Empire is a pure PowerShell post-exploitation agent built on cryptologically-secure communications and a flexible architecture. Empire implements the ability to run PowerShell agents without needing powershell.exe, rapidly deployable post-exploitation modules ranging from key loggers to Mimikatz, and adaptable communications to evade network detection, all wrapped up in a usability-focused framework

Table 479. Table References

Links
https://github.com/adaptivethreat/Empire

Explosive

Beginning in late 2012, a carefully orchestrated attack campaign we call Volatile Cedar has been targeting individuals, companies and institutions worldwide. This campaign, led by a persistent attacker group, has successfully penetrated a large number of targets using various attack techniques, and specifically, a custom-made malware implant codenamed Explosive.

Table 480. Table References

Links
https://www.checkpoint.com/downloads/volatile-cedar-technical-report.pdf

KeyBoy

The actors used a new version of “KeyBoy,” a custom backdoor first disclosed by researchers at Rapid7 in June 2013. Their work outlined the capabilities of the backdoor, and exposed the protocols and algorithms used to hide the network communication and configuration data

Table 481. Table References

Links
https://citizenlab.org/2016/11/parliament-keyboy/
https://community.rapid7.com/community/infosec/blog/2013/06/07/keyboy-targeted-attacks-against-vietnam-and-india

Yahoyah

The attacks in this case are associated with a campaign called Tropic Trooper, which has been active since at least 2011 and is known for heavily targeting Taiwan. One of the attacks used their known Yahoyah malware…

Yahoyah is also known as:

- W32/Seeav

Table 482. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/11/unit42-tropic-trooper-targets-taiwanese-government-and-fossil-fuel-provider-with-poison-ivy/

Tartine

Delphi RAT used by Sofacy.

Mirai

Mirai (Japanese for "the future") is malware that turns computer systems running Linux into

remotely controlled "bots", that can be used as part of a botnet in large-scale network attacks. It primarily targets online consumer devices such as remote cameras and home routers. The Mirai botnet has been used in some of the largest and most disruptive distributed denial of service (DDoS) attacks, including an attack on 20 September 2016 on computer security journalist Brian Krebs's web site, an attack on French web host OVH and the October 2016 Dyn cyberattack.

Mirai is also known as:

- Linux/Mirai

Table 483. Table References

Links
https://en.wikipedia.org/wiki/Mirai_(malware)

BASHLITE

BlackEnergy

BlackEnergy is a trojan which has undergone significant functional changes since it was first publicly analysed by Arbor Networks in 2007. It has evolved from a relatively simple DDoS trojan into a relatively sophisticated piece of modern malware with a modular architecture, making it a suitable tool for sending spam and for online bank fraud, as well as for targeted attacks. BlackEnergy version 2, which featured rootkit techniques, was documented by SecureWorks in 2010. The targeted attacks recently discovered are proof that the trojan is still alive and kicking in 2014. We provide a technical analysis of the BlackEnergy family, focusing on novel functionality and the differences introduced by new lite variants. We describe the most notable aspects of the malware, including its techniques for bypassing UAC, defeating the signed driver requirement in Windows and a selection of BlackEnergy2 plug-ins used for parasitic file infections, network discovery and remote code execution and data collection.

Table 484. Table References

Links
https://www.virusbulletin.com/conference/vb2014/abstracts/back-blackenergy-2014-targeted-attacks-ukraine-and-poland/

Trojan.Seaduke

Trojan.Seaduke is a Trojan horse that opens a back door on the compromised computer. It may also download potentially malicious files.

Trojan.Seaduke is also known as:

- Seaduke

Table 485. Table References

Links

https://www.symantec.com/security_response/writeup.jsp?docid=2015-031915-4935-99

Backdoor.Tinybaron

Incognito RAT

DownRage

DownRage is also known as:

- Carberplike

Table 486. Table References

Links
https://labsblog.f-secure.com/2015/09/08/sofacy-recycles-carberp-and-metasploit-code/
https://twitter.com/Timo_Steffens/status/814781584536719360

Chthonic

Table 487. Table References

Links
https://www.proofpoint.com/us/threat-insight/post/threat-actors-using-legitimate-paypal-accounts-to-distribute-chthonic-banking-trojan

GeminiDuke

GeminiDuke is malware that was used by APT29 from 2009 to 2012.

Table 488. Table References

Links
https://attack.mitre.org/wiki/Software/S0049

Zeus

Trojan.Zbot, also called Zeus, is a Trojan horse that attempts to steal confidential information from the compromised computer. It may also download configuration files and updates from the Internet. The Trojan is created using a Trojan-building toolkit.

Zeus is also known as:

- Trojan.Zbot
- Zbot

Table 489. Table References

Links
https://en.wikipedia.org/wiki/Zeus_(malware)
https://www.symantec.com/security_response/writeup.jsp?docid=2010-011016-3514-99

Shifu

Shifu is a Banking Trojan first discovered in 2015. Shifu is based on the Shiz source code which incorporated techniques used by Zeus. Attackers use Shifu to steal credentials for online banking websites around the world, starting in Russia but later including the UK, Italy, and others.

Table 490. Table References

Links
http://researchcenter.paloaltonetworks.com/2017/01/unit42-2016-updates-shifu-banking-trojan/

Shiz

The new variant of the Shiz Trojan malware targets mission-critical enterprise resource planning (ERP) applications — particularly SAP users.

Table 491. Table References

Links
https://securityintelligence.com/tag/shiz-trojan-malware/

MM Core

Also known as “BaneChant”, MM Core is a file-less APT which is executed in memory by a downloader component. It was first reported in 2013 under the version number “2.0-LNK” where it used the tag “BaneChant” in its command-and-control (C2) network request. A second version “2.1-LNK” with the network tag “StrangeLove” was discovered shortly after.

MM Core is also known as:

- MM Core backdoor
- BigBoss
- SillyGoose
- BaneChant
- StrangeLove

Table 492. Table References

Links
https://blogs.forcepoint.com/security-labs/mm-core-memory-backdoor-returns-bigboss-and-sillygoose

Shamoon

Shamoon,[a] also known as Disttrack, is a modular computer virus discovered by Seculert[1] in 2012, targeting recent NT kernel-based versions of Microsoft Windows. The virus has been used for cyber espionage in the energy sector.[2][3][4] Its discovery was announced on 16 August 2012 by Symantec,[3] Kaspersky Lab,[5] and Seculert.[6] Similarities have been highlighted by Kaspersky Lab and Seculert between Shamoon and the Flame malware.[5][6]

Table 493. Table References

Links
https://en.wikipedia.org/wiki/Shamoon

GhostAdmin

According to MalwareHunterTeam and other researchers that have looked at the malware's source code, GhostAdmin seems to be a reworked version of CrimeScene, another botnet malware family that was active around 3-4 years ago.

Table 494. Table References

Links
https://www.bleepingcomputer.com/news/security/new-ghostadmin-malware-used-for-data-theft-and-exfiltration/

EyePyramid Malware

Two Italians referred to as the "Occhionero brothers" have been arrested and accused of using malware and a carefully-prepared spear-phishing scheme to spy on high-profile politicians and businessmen. This case has been called "EyePyramid", which we first discussed last week. (Conspiracy theories aside, the name came from a domain name and directory path that was found during the research.)

Table 495. Table References

Links
http://blog.trendmicro.com/trendlabs-security-intelligence/uncovering-inner-workings-eyepyramid/

LuminosityLink

LuminosityLink is a malware family costing $40 that purports to be a system administration utility

Table 496. Table References

Links
http://researchcenter.paloaltonetworks.com/2016/07/unit42-investigating-the-luminositylink-remote-access-trojan-configuration/

Flokibot

Floki Bot, described recently by Dr. Peter Stephenson from SC Magazine, is yet another bot based on the leaked Zeus code. However, the author came up with various custom modifications that makes it more interesting.

Flokibot is also known as:

- Floki Bot

Table 497. Table References

Links
https://www.arbornetworks.com/blog/asert/flokibot-flock-bots/
https://blog.malwarebytes.com/threat-analysis/2016/11/floki-bot-and-the-stealthy-dropper/

ZeroT

Most recently, we have observed the same group targeting military and aerospace interests in Russia and Belarus. Since the summer of 2016, this group began using a new downloader known as ZeroT to install the PlugX remote access Trojan (RAT) and added Microsoft Compiled HTML Help (.chm) as one of the initial droppers delivered in spear-phishing emails.

Table 498. Table References

Links
https://www.proofpoint.com/us/threat-insight/post/APT-targets-russia-belarus-zerot-plugx

StreamEx

Cylance dubbed this family of malware StreamEx, based upon a common exported function used across all samples ‘stream’, combined with the dropper functionality to append ‘ex’ to the DLL file name. The StreamEx family has the ability to access and modify the user’s file system, modify the registry, create system services, enumerate process and system information, enumerate network resources and drive types, scan for security tools such as firewall products and antivirus products, change browser security settings, and remotely execute commands. The malware documented in this post was predominantly 64-bit, however, there are 32-bit versions of the malware in the wild.

Table 499. Table References

Links
https://blog.cylance.com/shell-crew-variants-continue-to-fly-under-big-avs-radar

adzok

Remote Access Trojan

Table 500. Table References

Links
https://github.com/kevthehermit/RATDecoders

albertino

Remote Access Trojan

Table 501. Table References

Links
https://github.com/kevthehermit/RATDecoders

arcom

Remote Access Trojan

Table 502. Table References

Links
https://github.com/kevthehermit/RATDecoders

blacknix

Remote Access Trojan

Table 503. Table References

Links
https://github.com/kevthehermit/RATDecoders

bluebanana

Remote Access Trojan

Table 504. Table References

Links
https://github.com/kevthehermit/RATDecoders

bozok

Remote Access Trojan

Table 505. Table References

Links
https://github.com/kevthehermit/RATDecoders

clientmesh

Remote Access Trojan

Table 506. Table References

Links
https://github.com/kevthehermit/RATDecoders

cybergate

Remote Access Trojan

Table 507. Table References

Links
https://github.com/kevthehermit/RATDecoders

darkcomet

Remote Access Trojan

Table 508. Table References

Links
https://github.com/kevthehermit/RATDecoders

darkrat

Remote Access Trojan

Table 509. Table References

Links
https://github.com/kevthehermit/RATDecoders

gh0st

Remote Access Trojan

Table 510. Table References

Links
https://github.com/kevthehermit/RATDecoders

greame

Remote Access Trojan

Table 511. Table References

Links
https://github.com/kevthehermit/RATDecoders

hawkeye

Remote Access Trojan

Table 512. Table References

Links
https://github.com/kevthehermit/RATDecoders

javadropper

Remote Access Trojan

Table 513. Table References

Links
https://github.com/kevthehermit/RATDecoders

lostdoor

Remote Access Trojan

Table 514. Table References

Links
https://github.com/kevthehermit/RATDecoders

luxnet

Remote Access Trojan

Table 515. Table References

Links
https://github.com/kevthehermit/RATDecoders

pandora

Remote Access Trojan

Table 516. Table References

Links
https://github.com/kevthehermit/RATDecoders

poisonivy

Remote Access Trojan

Table 517. Table References

Links
https://github.com/kevthehermit/RATDecoders

predatorpain

Remote Access Trojan

Table 518. Table References

Links
https://github.com/kevthehermit/RATDecoders

punisher

Remote Access Trojan

Table 519. Table References

Links
https://github.com/kevthehermit/RATDecoders

qrat

Remote Access Trojan

Table 520. Table References

Links
https://github.com/kevthehermit/RATDecoders

shadowtech

Remote Access Trojan

Table 521. Table References

Links
https://github.com/kevthehermit/RATDecoders

smallnet

Remote Access Trojan

Table 522. Table References

Links
https://github.com/kevthehermit/RATDecoders

spygate

Remote Access Trojan

Table 523. Table References

Links
https://github.com/kevthehermit/RATDecoders

template

Remote Access Trojan

Table 524. Table References

Links
https://github.com/kevthehermit/RATDecoders

tapaoux

Remote Access Trojan

Table 525. Table References

Links
https://github.com/kevthehermit/RATDecoders

vantom

Remote Access Trojan

Table 526. Table References

Links
https://github.com/kevthehermit/RATDecoders

virusrat

Remote Access Trojan

Table 527. Table References

Links
https://github.com/kevthehermit/RATDecoders

xena

Remote Access Trojan

Table 528. Table References

Links
https://github.com/kevthehermit/RATDecoders

xtreme

Remote Access Trojan

Table 529. Table References

Links
https://github.com/kevthehermit/RATDecoders

darkddoser

Remote Access Trojan

Table 530. Table References

Links
https://github.com/kevthehermit/RATDecoders

jspy

Remote Access Trojan

Table 531. Table References

Links
https://github.com/kevthehermit/RATDecoders

xrat

Remote Access Trojan

Table 532. Table References

Links
https://github.com/kevthehermit/RATDecoders

PupyRAT

Pupy is an opensource, cross-platform (Windows, Linux, OSX, Android) remote administration and

post-exploitation tool mainly written in python.

Table 533. Table References

Links
https://github.com/n1nj4sec/pupy

ELF_IMEIJ

Linux Arm malware spread via RFIs in cgi-bin scripts. This backdoor executes commands from a remote malicious user, effectively compromising the affected system. It connects to a website to send and receive information.

Table 534. Table References

Links
https://www.trendmicro.com/vinfo/us/threat-encyclopedia/malware/elf_imeij.a

KHRAT

KHRAT is a small backdoor that has three exports (functions), namely, K1, K2, and K3. K1 checks if the current user is an administrator. If not, it uninstalls itself by calling the K2 function.

Table 535. Table References

Links
https://blogs.forcepoint.com/security-labs/trojanized-adobe-installer-used-install-dragonok%E2%80%99s-new-custom-backdoor

Trochilus

The Trochilus RAT is a threatening RAT (Remote Access Trojan) that may evade many anti-virus programs. The Trochilus RAT is currently being used as part of an extended threat campaign in South East Asia. The first appearance of the Trochilus RAT in this campaign, which has been active since August of 2015, was first detected in the summer of 2015. The Trochilus RAT is currently being used against civil society organizations and government computers in the South East Asia region, particularly in attacks directed towards the government of Myanmar.

Table 536. Table References

Links
http://www.enigmasoftware.com/trochilusrat-removal/

MoonWind

The MoonWind sample used for this analysis was compiled with a Chinese compiler known as BlackMoon, the same compiler used for the BlackMoon banking Trojan. While a number of attributes match the BlackMoon banking Trojan, the malware is not the same. Both malware

families were simply compiled using the same compiler, and it was the BlackMoon artifacts that resulted in the naming of the BlackMoon banking Trojan. But because this new sample is different from the BlackMoon banking Trojan,

Table 537. Table References

Links
http://researchcenter.paloaltonetworks.com/2017/03/unit42-trochilus-rat-new-moonwind-rat-used-attack-thai-utility-organizations/

Chrysaor

Chrysaor is spyware believed to be created by NSO Group Technologies, specializing in the creation and sale of software and infrastructure for targeted attacks. Chrysaor is believed to be related to the Pegasus spyware that was first identified on iOS and analyzed by Citizen Lab and Lookout.

Chrysaor is also known as:

- Pegasus
- Pegasus spyware

Table 538. Table References

Links
https://security.googleblog.com/2017/04/an-investigation-of-chrysaor-malware-on.html

Sathurbot

The trojan serves as a backdoor. It can be controlled remotely.

Table 539. Table References

Links
http://virusradar.com/en/Win32_Sathurbot.A/description
https://www.welivesecurity.com/2017/04/06/sathurbot-distributed-wordpress-password-attack/

AURIGA

The AURIGA malware family shares a large amount of functionality with the BANGAT backdoor. The malware family contains functionality for keystroke logging, creating and killing processes, performing file system and registry modifications, spawning interactive command shells, performing process injection, logging off the current user or shutting down the local machine. The AURIGA malware contains a driver component which is used to inject the malware DLL into other processes. This driver can also perform process and IP connection hiding. The malware family will create a copy of cmd.exe to perform its C2 activity, and replace the "Microsoft corp" strings in the cmd.exe binary with different values. The malware family typically maintains persistence through installing itself as a service.

Table 540. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

BANGAT

The BANGAT malware family shares a large amount of functionality with the AURIGA backdoor. The malware family contains functionality for keylogging, creating and killing processes, performing filesystem and registry modifications, spawning interactive command shells, performing process injection, logging off the current user or shutting down the local machine. In addition, the malware also implements a custom VNC like protocol which sends screenshots of the desktop to the C2 server and accepts keyboard and mouse input. The malware communicates to its C2 servers using SSL, with self signed SSL certificates. The malware family will create a copy of cmd.exe to perform its C2 activity, and replace the "Microsoft corp" strings in the cmd.exe binary with different values. The malware family typically maintains persistence through installing itself as a service.

Table 541. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

BISCUIT

BISCUIT provides attackers with full access to an infected host. BISCUIT capabilities include launching an interactive command shell, enumerating servers on a Windows network, enumerating and manipulating process, and transferring files. BISCUIT communicates using a custom protocol, which is then encrypted using SSL. Once installed BISCUIT will attempt to beacon to its command/control servers approximately every 10 or 30 minutes. It will beacon its primary server first, followed by a secondary server. All communication is encrypted with SSL (OpenSSL 0.9.8i).

Table 542. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

BOUNCER

BOUNCER will load an extracted DLL into memory, and then will call the DLL's dump export. The dump export is called with the parameters passed via the command line to the BOUNCER executable. It requires at least two arguments, the IP and port to send the password dump information. It can accept at most five arguments, including a proxy IP, port and an x.509 key for SSL authentication. The DLL backdoor has the capability to execute arbitrary commands, collect database and server information, brute force SQL login credentials, launch arbitrary programs, create processes and threads, delete files, and redirect network traffic.

Table 543. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

CALENDAR

This family of malware uses Google Calendar to retrieve commands and send results. It retrieves event feeds associated with Google Calendar, where each event contains commands from the attacker for the malware to perform. Results are posted back to the event feed. The malware authenticates with Google using the hard coded email address and passwords. The malware uses the deprecated ClientLogin authentication API from Google. The malware is registered as a service dll as a persistence mechanism. Artifacts of this may be found in the registry.

Table 544. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

COMBOS

The COMBOS malware family is an HTTP based backdoor. The backdoor is capable of file upload, file download, spawning a interactive reverse shell, and terminating its own process. The backdoor may decrypt stored Internet Explorer credentials from the local system and transmit the credentials to the C2 server. The COMBOS malware family does not have any persistence mechanisms built into itself.

Table 545. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

COOKIEBAG

his family of malware is a backdoor capable of file upload and download as well as providing remote interactive shell access to the compromised machine. Communication with the Command & Control (C2) servers uses a combination of single-byte XOR and Base64 encoded data in the Cookie and Set-Cookie HTTP header fields. Communication with the C2 servers is over port 80. Some variants install a registry key as means of a persistence mechanism. The hardcoded strings cited include a string of a command in common with several other APT1 families.

COOKIEBAG is also known as:

- TROJAN.COOKIES

Table 546. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

DAIRY

Members of this malware family are backdoors that provide file downloading, process listing, process killing, and reverse shell capabilities. This malware may also add itself to the Authorized Applications list for the Windows Firewall.

Table 547. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

GETMAIL

Members of this family of malware are utilities designed to extract email messages and attachments from Outlook PST files. One part of this utility set is an executable, one is a dll. The malware may create a registry artifact related to the executable.

Table 548. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

GDOCUPLOAD

This family of malware is a utility designed to upload files to Google Docs. Nearly all communications are with docs.google.com are SSL encrypted. The malware does not use Google's published API to interact with their services. The malware does not currently work with Google Docs. It does not detect HTTP 302 redirections and will get caught in an infinite loop attempting to parse results from Google that are not present.

Table 549. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

GLOOXMAIL

GLOOXMAIL communicates with Google's Jabber/XMPP servers and authenticates with a hard-coded username and password. The malware can accept commands over XMPP that includes file upload and download, provide a remote shell, sending process listings, and terminating specified processes. The malware makes extensive use of the open source gloox library (http://camaya.net/gloox/, version 0.9.9.12) to communicate using the Jabber/XMPP protocol. All communications with the Google XMPP server are encrypted.

GLOOXMAIL is also known as:

- TROJAN.GTALK

Table 550. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

GOGGLES

A family of downloader malware, that retrieves an encoded payload from a fixed location, usually in the form of a file with the .jpg extension. Some variants have just an .exe that acts as a downloader, others have an .exe launcher that runs as a service and then loads an associated .dll of the same name that acts as the downloader. This IOC is targeted at the downloaders only. After downloading the file, the malware decodes the downloaded payload into an .exe file and launches it. The malware usually stages the files it uses in the %TEMP% directory or the %WINDIR%\Temp directory.

GOGGLES is also known as:

- TROJAN.FOXY

Table 551. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

GREENCAT

Members of this family are full featured backdoors that communicates with a Web-based Command & Control (C2) server over SSL. Features include interactive shell, gathering system info, uploading and downloading files, and creating and killing processes, Malware in this family usually communicates with a hard-coded domain using SSL on port 443. Some members of this family rely on launchers to establish persistence mechanism for them. Others contains functionality that allows it to install itself, replacing an existing Windows service, and uninstall itself. Several variants use %SystemRoot%\Tasks or %WinDir%\Tasks as working directories, additional malware artifacts may be found there.

Table 552. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

HACKFASE

```
This family of malware is a backdoor that provides reverse shell, process creation,
system statistics collection, process enumeration, and process termination
capabilities. This family is designed to be a service DLL and does not contain an
installation mechanism. It usually communicates over port 443. Some variants use their
own encryption, others use SSL.
```

Table 553. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

HELAUTO

```
This family of malware is designed to operate as a service and provides remote command
execution and file transfer capabilities to a fixed IP address or domain name. All
communication with the C2 server happens over port 443 using SSL. This family can be
installed as a service DLL. Some variants allow for uninstallation.
```

Table 554. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

KURTON

This family of malware is a backdoor that tunnels its connection through a preconfigured proxy. The malware communicates with a remote command and control server over HTTPS via the proxy. The malware installs itself as a Windows service with a service name supplied by the attacker but defaults to IPRIP if no service name is provided during install.

Table 555. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

LIGHTBOLT

LIGHTBOLT is a utility with the ability to perform HTTP GET requests for a list of user-specified URLs. The responses of the HTTP requests are then saved as MHTML files, which are added to encrypted RAR files. LIGHTBOLT has the ability to use software certificates for authentication.

Table 556. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

LIGHTDART

LIGHTDART is a tool used to access a pre-configured web page that hosts an interface to query a database or data set. The tool then downloads the results of a query against that web page to an encrypted RAR file. This RAR file (1.rar) is renamed and uploaded to an attacker controlled FTP server, or uploaded via an HTTP POST with a .jpg extension. The malware will execute this search once a day. The target webpage usually contains information useful to the attacker, which is updated on a regular basis. Examples of targeted information include weather information or ship

coordinates.

Table 557. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

LONGRUN

LONGRUN is a backdoor designed to communicate with a hard-coded IP address and provide the attackers with a custom interactive shell. It supports file uploads and downloads, and executing arbitrary commands on the compromised machine. When LONGRUN executes, it first loads configuration data stored as an obfuscated string inside the PE resource section. The distinctive string thequickbrownfxjmpsvalzydg is used as part of the input to the decoding algorithm. When the configuration data string is decoded it is parsed and treated as an IP and port number. The malware then connects to the host and begins interacting with it over a custom protocol.

Table 558. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

MANITSME

This family of malware will beacon out at random intervals to the remote attacker. The attacker can run programs, execute arbitrary commands, and easily upload and download files. This IOC looks for both the dropper file and the backdoor.

Table 559. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

MAPIGET

This malware utility is a set of two files that operate in conjunction to extract email messages and attachments from an Exchange server. In order to operate successfully, these programs require authentication credentials for a user on the Exchange server, and must be run from a machine joined to the domain that has Microsoft Outlook installed (or equivalent software that provides the Microsoft 'Messaging API' (MAPI) service).

Table 560. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html
http://contagiodump.blogspot.com/2010/06/these-days-i-see-spike-in-number-of.html

MINIASP

This family of malware consists of backdoors that attempt to fetch encoded commands over HTTP. The malware is capable of downloading a file, downloading and executing a file, executing arbitrary shell commands, or sleeping a specified interval.

Table 561. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

NEWSREELS

The NEWSREELS malware family is an HTTP based backdoor. When first started, NEWSREELS decodes two strings from its resources section. These strings are both used as C2 channels, one URL is used as a beacon URL (transmitting) and the second URL is used to get commands (receiving). The NEWSREELS malware family is capable of performing file uploads, downloads, creating processes or creating an interactive reverse shell.

Table 562. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

SEASALT

The SEASALT malware family communicates via a custom binary protocol. It is capable of gathering some basic system information, file system manipulation, file upload and download, process creation and termination, and spawning an interactive reverse shell. The malware maintains persistence by installing itself as a service.

Table 563. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

STARSYPOUND

STARSYPOUND provides an interactive remote shell over an obfuscated communications channel. When it is first run, it loads a string (from the executable PE resource section) containing the beacon IP address and port. The malware sends the beacon string "**(SY)# <HOSTNAME>" to the remote system, where <HOSTNAME> is the hostname of the victim system. The remote host responds with a packet that also begins with the string "**(SY)# cmd". This causes the malware to launch a new cmd.exe child process. Further communications are forwarded to the cmd.exe child process to execute. The commands sent to the shell and their responses are obfuscated when sent over the network.

Table 564. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

SWORD

This family of malware provides a backdoor over the network to the attackers. It is configured to connect to a single host and offers file download over HTTP, program execution, and arbitrary execution of commands through a cmd.exe instance.

Table 565. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

TABMSGSQL

```
This malware family is a full-featured backdoor capable of file uploading and
downloading, arbitrary execution of programs, and providing a remote interactive
command shell. All communications with the C2 server are sent over HTTP to a static
URL, appending various URL parameters to the request. Some variants use a slightly
different URL.
```

TABMSGSQL is also known as:

- TROJAN LETSGO

Table 566. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

TARSIP-ECLIPSE

The TARSIP malware family is a backdoor which communicates over encoded information in HTTPS headers. Typical TARSIP malware samples will only beacon out to their C2 servers if the C2 DNS address resolves to a specific address. The capability of TARSIP backdoors includes file uploading, file downloading, interactive command shells, process enumeration, process creation, process termination. The TARSIP-ECLIPSE family is distinguished by the presence of 'eclipse' in .pdb debug strings present in the malware samples. It does not provide a built in mechanism to maintain persistence.

Table 567. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

TARSIP-MOON

The TARSIP malware family is a backdoor which communicates over encoded information in HTTPS headers. Typical TARSIP malware samples will only beacon out to their C2 servers if the C2 DNS address resolves to a specific address. The capability of TARSIP backdoors includes file uploading, file downloading, interactive command shells, process enumeration, process creation, process termination. The TARSIP-MOON family is distinguished by the presence of 'moon' in .pdb debug strings present in the malware samples. It does not provide a built in mechanism to maintain persistence.

Table 568. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WARP

The WARP malware family is an HTTP based backdoor written in C++, and the majority of its code base is borrowed from source code available in the public domain. Network communications are implemented using the same WWW client library (w3c.cpp) available from www.dankrusi.com/file_69653F3336383837.html. The malware has system survey functionality (collects hostname, current user, system uptime, CPU speed, etc.) taken directly from the BO2K backdoor available from www.bo2k.com. It also contains the hard disk identification code found at www.winsim.com/diskid32/diskid32.cpp. When the WARP executing remote commands, the malware creates a copy of the ?%SYSTEMROOT%\system32\cmd.exe? file as '%USERPROFILE%\Temp\~ISUN32.EXE'. The version signature information of the duplicate executable is zeroed out. Some WARP variants maintain persistence through the use of DLL search order hijacking.

Table 569. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-ADSPACE

A WEBC2 backdoor is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. This family of malware is capable of downloading and executing a file. All variants represented here are the same file with different MD5 signatures. This malware attempts to contact its C2 once a week (Thursday at 10:00 AM). It looks for commands inside a set of HTML tags, part of which are in the File Strings indicator term below.

Table 570. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-AUSOV

A WEBC2 backdoor is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. This malware family is a only a downloader which operates over the HTTP protocol with a hard-coded URL. If directed, it has the capability to download, decompress, and execute compressed binaries.

Table 571. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-BOLID

```
A WEBC2 backdoor is designed to retrieve a Web page from a pre-determined C2 server.
It expects the Web page to contain special HTML tags; the backdoor will attempt to
interpret the data between the tags as commands. This family of malware is a backdoor
capable of downloading files and updating its configuration. Communication with the
command and control (C2) server uses a combination of single-byte XOR and Base64
encoded data wrapped in standard HTML tags. The malware family installs a registry key
as a persistence mechanism.
```

Table 572. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-CLOVER

A WEBC2 backdoor is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. The family of malware provides the attacker with an interactive command shell, the ability to upload and download files, execute commands on the system, list processes and DLLs, kill processes, and ping hosts on the local network. Responses to these commands are encrypted and compressed before being POSTed to the server. Some variants copy cmd.exe to Updatasched.exe in a temporary directory, and then may launch that in a process if an interactive shell is called. On initial invocation, the malware also attempts to delete previous copies of the Updatasched.exe file.

Table 573. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-CSON

A WEBC2 backdoor is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. Members of this family of malware act only as downloaders and droppers for other malware. They communicate with a hard-coded C2 server, reading commands embedded in HTML comment fields. Some variants are executables which act upon execution, others are DLLs which can be attached to services or loaded through search order hijacking.

Table 574. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-DIV

The WEBC2 malware family is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. The WEBC2-DIV variant searches for the strings "div safe:" and " balance" to delimit encoded C2 information. If the decoded string begins with the letter "J" the malware will parse additional arguments in the decoded string to specify the sleep interval to use. WEBC2-DIV is capable of downloading a file, downloading and executing a file, or sleeping a specified interval.

Table 575. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-GREENCAT

A WEBC2 backdoor is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. This malware is a variant on the GREENCAT family, using a fixed web C2. This family is a full featured backdoor which provides remote command execution, file transfer, process and service enumeration and manipulation. It installs itself persistently through the current user's registry Run key.

Table 576. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-HEAD

The WEBC2 malware family is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. The WEBC2-HEAD variant communicates over HTTPS, using the

system's SSL implementation to encrypt all communications with the C2 server. WEBC2-HEAD first issues an HTTP GET to the host, sending the Base64-encoded string containing the name of the compromised machine running the malware.

Table 577. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-KT3

The WEBC2 malware family is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. The WEBC2-KT3 variant searches for commands in a specific comment tag. Network traffic starting with *!Kt3+v| may indicate WEBC2-KT3 activity.

Table 578. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-QBP

The WEBC2 malware family is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. The WEBC2-QBP variant will search for two strings in a HTML comment. The first will be "2010QBP " followed by " 2010QBP//--". Inside these tags will be a DES-encrypted string.

Table 579. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-RAVE

A WEBC2 backdoor is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. This family of malware will set itself up as a service and connect out to a hardcoded web page and read a modified base64 string from this webpage. The later versions of this malware supports three commands (earlier ones are just downloaders or reverse shells). The first commands will sleep the malware for N number of hours. The second command will download a binary from the encoded HTML comment and execute it on the infected host. The third will spawn an encoded reverse shell to an attacker specified location and port.

Table 580. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-TABLE

The WEBC2 malware family is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. The WEBC2-TABLE variant looks for web pages containing 'background', 'align', and 'bgcolor' tags to be present in the requested Web page. If the data in these tags are formatted correctly, the malware will decode a second URL and a filename. This URL is then retrieved, written to the decoded filename and executed.

Table 581. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-TOCK

The WEBC2 malware family is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. The WEBC2-TABLE variant looks for web pages containing 'background', 'align', and 'bgcolor' tags to be present in the requested Web page. If the data in these tags are formatted correctly, the malware will decode a second URL and a filename. This URL is then retrieved, written to the decoded filename and executed.

Table 582. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-UGX

A WEBC2 backdoor is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. Members of this family of malware provide remote command shell and remote file download and execution capabilities. The malware downloads a web page containing a crafted HTML comment that subsequently contains an encoded command. The contents of this command tell the malware whether to download and execute a program, launch a reverse shell to a specific host and port number, or to sleep for a period of time.

Table 583. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-Y21K

A WEBC2 backdoor is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. Members of this family of backdoor malware talk to specific Web-based

Command & Control (C2) servers. The backdoor has a limited command set, depending on version. It is primarily a downloader, but it classified as a backdoor because it can accept a limited command set, including changing local directories, downloading and executing additional files, sleeping, and connecting to a specific IP & port not initially included in the instruction set for the malware. Each version of the malware has at least one hardcoded URL to which it connects to receive its initial commands. This family of malware installs itself as a service, with the malware either being the executable run by the service, or the service DLL loaded by a legitimate service. The same core code is seen recompiled on different dates or with different names, but the same functionality. Key signatures include a specific set of functions (some of which can be used with the OS-provided rundll32.exe tool to install the malware as a service), and hardcoded strings used in communication with C2 servers to issue commands to the implant.

Table 584. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

WEBC2-YAHOO

The WEBC2 malware family is designed to retrieve a Web page from a pre-determined C2 server. It expects the Web page to contain special HTML tags; the backdoor will attempt to interpret the data between the tags as commands. The WEBC2-YAHOO variant enters a loop where every ten minutes it attempts to download a web page that may contain an encoded URL. The encoded URL will be found in the pages returned inside an attribute named 'sb' or 'ex' within a tag named 'yahoo'. The embedded link can direct the malware to download and execute files.

Table 585. Table References

Links
http://contagiodump.blogspot.lu/2013/03/mandiant-apt1-samples-categorized-by.html

HAYMAKER

HAYMAKER is a backdoor that can download and execute additional payloads in the form of modules. It also conducts basic victim profiling activity, collecting the computer name, running process IDs, %TEMP% directory path and version of Internet Explorer. It communicates encoded system information to a single hard coded command and control (C2) server, using the system's default User-Agent string.

Table 586. Table References

Links
https://www.fireeye.com/blog/threat-research/2017/04/apt10_menupass_grou.html

BUGJUICE

BUGJUICE is a backdoor that is executed by launching a benign file and then hijacking the search order to load a malicious dll into it. That malicious dll then loads encrypted shellcode from the

binary, which is decrypted and runs the final BUGJUICE payload. BUGJUICE defaults to TCP using a custom binary protocol to communicate with the C2, but can also use HTTP and HTTPs if directed by the C2. It has the capability to find files, enumerate drives, exfiltrate data, take screenshots and provide a reverse shell.

Table 587. Table References

Links
https://www.fireeye.com/blog/threat-research/2017/04/apt10_menupass_grou.html

SNUGRIDE

SNUGRIDE is a backdoor that communicates with its C2 server through HTTP requests. Messages are encrypted using AES with a static key. The malware's capabilities include taking a system survey, access to the filesystem, executing commands and a reverse shell. Persistence is maintained through a Run registry key.

Table 588. Table References

Links
https://www.fireeye.com/blog/threat-research/2017/04/apt10_menupass_grou.html

QUASARRAT

QUASARRAT is an open-source RAT available at https://github.com/quasar/QuasarRat . The versions used by APT10 (1.3.4.0, 2.0.0.0, and 2.0.0.1) are not available via the public GitHub page, indicating that APT10 has further customized the open source version. The 2.0 versions require a dropper to decipher and launch the AES encrypted QUASARRAT payload. QUASARRAT is a fully functional .NET backdoor that has been used by multiple cyber espionage groups in the past.

Table 589. Table References

Links
https://www.fireeye.com/blog/threat-research/2017/04/apt10_menupass_grou.html

da Vinci RCS

Hacking Team's "DaVinci" Remote Control System is able, the company says, to break encryption and allow law enforcement agencies to monitor encrypted files and emails (even ones encrypted with PGP), Skype and other Voice over IP or chat communication. It allows identification of the target's location and relationships. It can also remotely activate microphones and cameras on a computer and works worldwide. Hacking Team claims that its software is able to monitor hundreds of thousands of computers at once, all over the country. Trojans are available for Windows, Mac, Linux, iOS, Android, Symbian and Blackberry.

da Vinci RCS is also known as:

- DaVinci

- Morcut

Table 590. Table References

Links
http://surveillance.rsf.org/en/hacking-team/
https://wikileaks.org/hackingteam/emails/fileid/581640/267803
https://wikileaks.org/hackingteam/emails/emailid/31436

LATENTBOT

LATENTBOT, a new, highly obfuscated BOT that has been in the wild since mid-2013. It has managed to leave hardly any traces on the Internet, is capable of watching its victims without ever being noticed, and can even corrupt a hard disk, thus making a PC useless.

Table 591. Table References

Links
https://www.fireeye.com/blog/threat-research/2015/12/latentbot_trace_me.html
https://www.fireeye.com/blog/threat-research/2017/04/cve-2017-0199_useda.html

FINSPY

Though we have not identified the targets, FINSPY is sold by Gamma Group to multiple nation-state clients, and we assess with moderate confidence that it was being used along with the zero-day to carry out cyber espionage.

Table 592. Table References

Links
https://www.fireeye.com/blog/threat-research/2017/04/cve-2017-0199_useda.html

RCS Galileo

HackingTeam Remote Control System (RCS) Galileo hacking platform

Table 593. Table References

Links
https://www.f-secure.com/documents/996508/1030745/callisto-group

EARLYSHOVEL

RedHat 7.0 - 7.1 Sendmail 8.11.x exploit

EBBISLAND (EBBSHAVE)

root RCE via RPC XDR overflow in Solaris 6, 7, 8, 9 & 10 (possibly newer) both SPARC and x86

ECHOWRECKER

remote Samba 3.0.x Linux exploit

EASYBEE

appears to be an MDaemon email server vulnerability

EASYPI

an IBM Lotus Notes exploit that gets detected as Stuxnet

EWOKFRENZY

an exploit for IBM Lotus Domino 6.5.4 & 7.0.2

EXPLODINGCAN

an IIS 6.0 exploit that creates a remote backdoor

ETERNALROMANCE

a SMB1 exploit over TCP port 445 which targets XP, 2003, Vista, 7, Windows 8, 2008, 2008 R2, and gives SYSTEM privileges (MS17-010)

EDUCATEDSCHOLAR

a SMB exploit (MS09-050)

EMERALDTHREAD

a SMB exploit for Windows XP and Server 2003 (MS10-061)

EMPHASISMINE

a remote IMAP exploit for IBM Lotus Domino 6.6.4 to 8.5.2

ENGLISHMANSDENTIST

Outlook Exchange WebAccess rules to trigger executable code on the client's side to send an email

to other users

EPICHERO

0-day exploit (RCE) for Avaya Call Server

ERRATICGOPHER

SMBv1 exploit targeting Windows XP and Server 2003

ETERNALSYNERGY

a SMBv3 remote code execution flaw for Windows 8 and Server 2012 SP0 (MS17-010)

ETERNALBLUE

SMBv2 exploit for Windows 7 SP1 (MS17-010)

ETERNALCHAMPION

a SMBv1 exploit

ESKIMOROLL

Kerberos exploit targeting 2000, 2003, 2008 and 2008 R2 domain controllers

ESTEEMAUDIT

RDP exploit and backdoor for Windows Server 2003

ECLIPSEDWING

RCE exploit for the Server service in Windows Server 2008 and later (MS08-067)

ETRE

exploit for IMail 8.10 to 8.22

FUZZBUNCH

an exploit framework, similar to MetaSploit

ODDJOB

implant builder and C&C server that can deliver exploits for Windows 2000 and later, also not detected by any AV vendors

PASSFREELY

utility which Bypasses authentication for Oracle servers

SMBTOUCH

check if the target is vulnerable to samba exploits like ETERNALSYNERGY, ETERNALBLUE, ETERNALROMANCE

ERRATICGOPHERTOUCH

Check if the target is running some RPC

IISTOUCH

check if the running IIS version is vulnerable

RPCOUTCH

get info about windows via RPC

DOPU

used to connect to machines exploited by ETERNALCHAMPIONS

FlexSpy

covert surveillance tools

feodo

Unfortunately, it is time to meet 'Feodo'. Since august of this year when FireEye's MPS devices detected this malware in the field, we have been monitoring this banking trojan very closely. In many ways, this malware looks similar to other famous banking trojans like Zbot and SpyEye. Although my analysis says that this malware is not a toolkit and is in the hands of a single criminal group.

Table 594. Table References

Links

https://www.fireeye.com/blog/threat-research/2010/10/feodosoff-a-new-botnet-on-the-rise.html

Cardinal RAT

Palo Alto Networks has discovered a previously unknown remote access Trojan (RAT) that has been active for over two years. It has a very low volume in this two-year period, totaling roughly 27 total samples. The malware is delivered via an innovative and unique technique: a downloader we are calling Carp uses malicious macros in Microsoft Excel documents to compile embedded C# (C Sharp) Programming Language source code into an executable that in turn is run to deploy the Cardinal RAT malware family. These malicious Excel files use a number of different lures, providing evidence of what attackers are using to entice victims into executing them.

Table 595. Table References

Links
http://researchcenter.paloaltonetworks.com/2017/04/unit42-cardinal-rat-active-two-years/

REDLEAVES

The REDLEAVES implant consists of three parts: an executable, a loader, and the implant shellcode. The REDLEAVES implant is a remote administration Trojan (RAT) that is built in Visual C++ and makes heavy use of thread generation during its execution. The implant contains a number of functions typical of RATs, including system enumeration and creating a remote shell back to the C2.

Table 596. Table References

Links
https://www.us-cert.gov/ncas/alerts/TA17-117A

Kazuar

Kazuar is a fully featured backdoor written using the .NET Framework and obfuscated using the open source packer called ConfuserEx. Unit 42 researchers have uncovered a backdoor Trojan used in an espionage campaign. The developers refer to this tool by the name Kazuar, which is a Trojan written using the Microsoft .NET Framework that offers actors complete access to compromised systems targeted by its operator. Kazuar includes a highly functional command set, which includes the ability to remotely load additional plugins to increase the Trojan's capabilities. During our analysis of this malware we uncovered interesting code paths and other artifacts that may indicate a Mac or Unix variant of this same tool also exists. Also, we discovered a unique feature within Kazuar: it exposes its capabilities through an Application Programming Interface (API) to a built-in webserver. We suspect the Kazuar tool may be linked to the Turla threat actor group (also known as Uroburos and Snake), who have been reported to have compromised embassies, defense contractors, educational institutions, and research organizations across the globe. A hallmark of Turla operations is iterations of their tools and code lineage in Kazuar can be traced back to at least 2005. If the hypothesis is correct and the Turla threat group is using Kazuar, we believe they may be using it as a replacement for Carbon and its derivatives. Of the myriad of tools observed in use by Turla Carbon and its variants were typically deployed as a second stage backdoor within targeted

environments and we believe Kazuar may now hold a similar role for Turla operations.

Table 597. Table References

Links
http://researchcenter.paloaltonetworks.com/2017/05/unit42-kazuar-multiplatform-espionage-backdoor-api-access/