

Threat Round Up for Oct 20 - Oct 27

By Alexander Chiu

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Today, Talos is publishing a glimpse into the most prevalent threats we've observed between October 20 and October 27. As with previous round-ups, this post isn't meant to be an in-depth analysis. Instead, this post will summarize the threats we've observed by highlighting key behavior characteristics, indicators of compromise, and how our customers are automatically protected from these threats.

As a reminder, the information provided for the following threats in this post is non-exhaustive and current as of date of publication. Detection and coverage for the following threats is subject to updates pending additional threat or vulnerability analysis. For the most current information, please refer to your Firepower Management Center, Snort.org, or ClamAV.net.

The most prevalent threats highlighted in this round up are:

- **Doc.Macro.Downloader-6355564-0**

Office Macro

Word documents making use of VBA macros to download additional binaries to further compromise the system.

This cluster focuses on VBA importing external Win32 API to download and execute a file with the presence of an obfuscated URL.

- **Doc.Macro.Obfuscation-6355576-0**

Office Macro

Word documents making use of VBA macro obfuscation techniques to evade detection and prevent quick analysis.

This cluster focuses on the repeated use of base64 encoded data encapsulating a substring used to create the desired string for malicious use.

- **Win.Ransomware.Bucbi-6357228-0**

Ransomware

This is a ransomware variant that encrypts a user's data and demands that a Bitcoin ransom be paid. To achieve this, the malware performs code injection and set registry keys for persistence. Moreover, the samples contain anti-debugging techniques to hinder analysis.

- **Win.Trojan.Msil-6358223-2**

Trojan

This .NET trojan creates a shortcut file in the Windows Startup folder for persistence, drops and executes a malicious VBScript and a .bat file, and downloads additional files from different websites.

- **Win.Trojan.Tinba-6357827-1**

Trojan

Tinba (or TinyBanker, or Hupigon) is an information stealer and banking trojan. It is capable of hooking into several popular web browsers in order to gather credentials to send back to an attacker controlled C2. It is custom packed and code is injected into an instance of winver or Explorer (or both, in that consecutive order) before execution reaches its intended purpose.

- **Win.Trojan.Tovkater-6355575-0**

Trojan

This malware is able to download and upload files, inject malicious code, and install additional malware.

- **Win.Trojan.WillExec-6356235-0**

Trojan

This trojan injects into other processes, disables security features, and tries to contact several domains, waiting for instructions.

- **Win.Trojan.Zusy-6357526-0**

Trojan

This is a bank credential stealer which gathers online bank passwords, credit card numbers and social security numbers. The malware injects itself into winver.exe and explorer.exe.

Threats

Doc.Macro.Downloader-6355564-0

Indicators of Compromise

Registry Keys

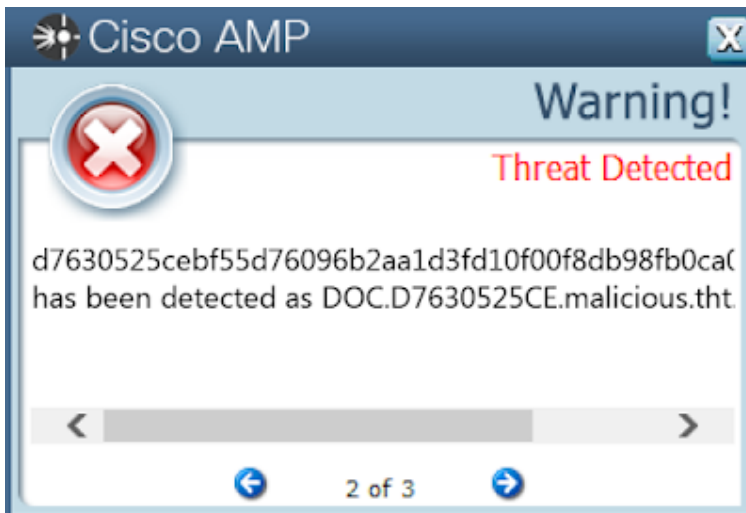
- N/A **Mutexes**
- N/A **IP Addresses**
- 239[.]255[.]255[.]250 **Domain Names**
- site[.]site3[.]com **Files and or directories created**
- %WinDir%\SoftwareDistribution\DataStore\DataStore.edb
- %AppData%\Microsoft\Windows\Cookies\7OT1LGP2.txt
- %SystemDrive%\~\$1334139.doc
- \srvsvc
- %AppData%\Microsoft\Office\Recent\SAT_Documento741929.LNK
- \TEMP\SAT_Documento741929.doc **File Hashes**
- d7630525cebf55d76096b2aa1d3fd10f00f8db98fb0ca0f9b5bdae5172913244
- 137dd479759fd525720874f4f94ee169950f46a41e7cc46b2159b10d28d61082
- 08d224602235aec498c31c1b1d16740d4ee294b5213a9236ff9ff09a8e07ae02
- 4922461d1524944042eb674ab0f04f43b9935c93c9cb6947f43dc546332161af
- 2d0b4e8f1d8f77838a97f1201fd114c63d19f67c7630725d04fd448c884e6b15
- 49cb1cde87383dc7b8feb70a3844cacb61bdbacbda67da19781be4ac67d8ca2f
- f18b9066ccb85df41cbd2686ce686324f7dadae23a0aecb58275dcbfa3db17b9
- 53c879eb61fa7079f1d78b97d79bf105dcd6eedbc65edf34634002c69c4a4db3
- 14da983e5dd73ca236f567fbbc09c7478f7575919b27b537cb0be0c87a1a808f
- 30a5a6f342fae27e81da59fa8a6c27e0730d0039bce9febd961ec33e436f9961
- b6e105246ff47a3263900ca49c4ad8255b56f3a72edb9c98dcb605eb096c1d32
- 06d2b9d3ca2e2bfc445ebb738261b47ec02787add1aea864d202e12cbcf65d74
- 8af2f1175a4599c2c7bb5100a6fd6edf2f1094573aaf12b8d63bff1c4182059c
- bea666206a9648750da4653ca55159ba5cb1677a1cd4de1df9dd53c452890c49
- 0ce3c8f42aa43764e76fdf620e2b19abe70903d3aeb0302ab774535bfb6bc163
- 4bb72db17e61dae3990c448d88a4de41cc5ffc50ab64486d73bceb7ec2e92655

- a80d57a9b68a0cf17e21d23de8c9912ab08335f1ecf2f01470f51d65aad3fc98
- 20c4888614517caf7f87e79e4f1e83ab1aa518f8ad1c55fef0f3c9c031c34405
- c1f30a7bf8c953b6a75152b8c06c474682b8269a4422bebb5f44288e8abca6a0
- c965d63446d4f6a6a7f392c8497f8d4c121a80ca92027affda967d0edd342c62

Coverage

PRODUCT	PROTECTION
AMP	✓
CWS	✓
Email Security	N/A
Network Security	N/A
Threat Grid	✓
Umbrella	✓
WSA	✓

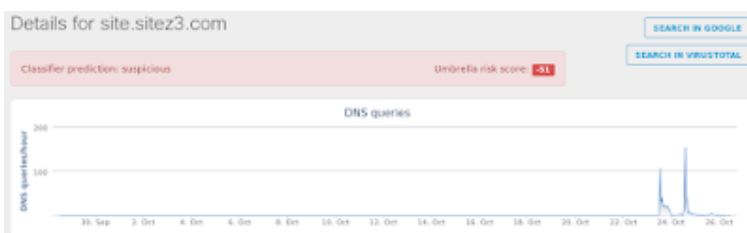
Screenshots of Detection AMP



ThreatGrid

Behavioral indicators		
Artifact Flagged Malicious by Antivirus Service	Severity: 100	Confidence: 80
A Document File with Embedded and Minimal Content Established Network Communications	Severity: 100	Confidence: 80
A Document File Established Network Communications	Severity: 100	Confidence: 80
Document Flagged by Antivirus	Severity: 80	Confidence: 100
VBA Macro Imports Function From External Library	Severity: 80	Confidence: 80
VBA Macro Reads Environment Variables	Severity: 80	Confidence: 80
Document Contains Embedded Material and Minimal Content	Severity: 80	Confidence: 80
Artifact Flagged by Antivirus	Severity: 80	Confidence: 80
VBA Macro Contains URL	Severity: 75	Confidence: 80
VBA Macro Has Action on Open	Severity: 70	Confidence: 85
Office Document Contains a VBA Macro	Severity: 70	Confidence: 80
Static Analysis Flagged Artifact As Anomalous	Severity: 60	Confidence: 80
DNS Response Contains Low Time to Live (TTL) Value	Severity: 35	Confidence: 35
Document Queried Domain	Severity: 25	Confidence: 35

Umbrella



Doc.Macro.Obfuscation-6355576-0

Indicators of Compromise

Registry Keys

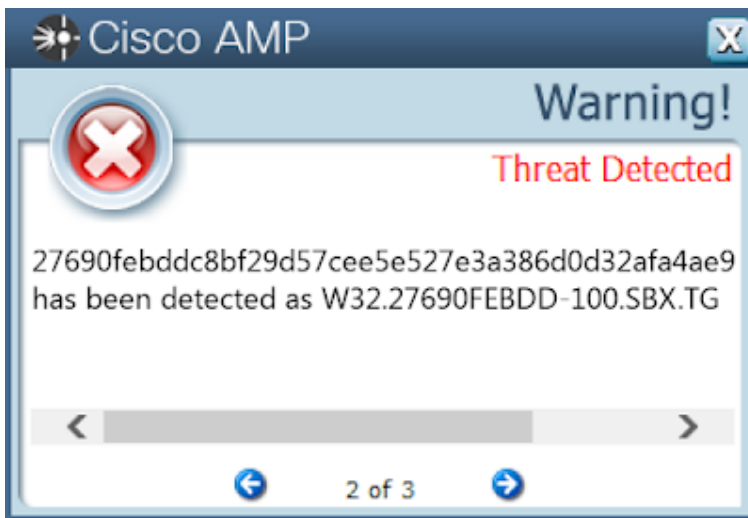
- N/A **Mutexes**
- MC8D2645C
- Global\I98B68E3C
- MF4F51CA3
- Global\M98B68E3C **IP Addresses**
- 81[.]169[.]145[.]76
- 194[.]88[.]246[.]9
- 239[.]255[.]255[.]250 **Domain Names**
- puikprodukties[.]nl **Files and or directories created**
- \Users\Administrator\Documents\20171025\PowerShell_transcript.PC.BQAZNa9.20171025072414.txt
- %SystemDrive%\Documents and Settings\Administrator\Local Settings\Temp\54180.exe
- %SystemDrive%\~\$690febddc8bf29d57cee5e527e3a386d0d32afa4ae9bc1fa4a18cf849f5be3.doc
- %WinDir%\AppCompat\Programs\RecentFileCache.bcf
- \TEMP\~\$690febddc8bf29d57cee5e527e3a386d0d32afa4ae9bc1fa4a18cf849f5be3.doc
- \TEMP\27690febddc8bf29d57cee5e527e3a386d0d32afa4ae9bc1fa4a18cf849f5be3.doc
- %WinDir%\SysWOW64\specsystem.exe **File Hashes**
- 27690febddc8bf29d57cee5e527e3a386d0d32afa4ae9bc1fa4a18cf849f5be3
- 1ae79bf1ce63c3ea8d73f051cecb53d806bb477919d98257c363cb22d50410d1
- 74d3f7dc3417444e17a08c644807475c6b7b3e28316eb96a40877448417093c3

- 25aff8c96de125e1f922df67f3a117e07c0abb9e41b8d06bd6c995e614b8dec
- 664c26180cc669785d6e30140e07dfa538e66d8d9c38b9f1b8a94aecf9348fbe
- e135f8b2bd2588f94d47a084b75f0470fef7681c28fa0ddac71a80410beaea83
- 010e17653177339519c89f7ee9d67d4772928ae1c3eebaaf57191263ad2f4dbb
- 1f51f205991240c81a25d54d50cb05ffaa33a031560dea6d43e9423dc257c99d
- 61003d0b2697a5d457f8ef5fc219ec526dbdd41cb067230f3475edbb044ac649
- bb4795a99563991495f42f9b25395d5cc66d96cac7da4e4fbd1f6ae0f5019d18
- 31580e5f0462ce34241ab9d133edbaae3442840d1f5fd0a9958dd3cd0e750d7f
- 26bc8918448cc0fb9fb2d3f264006bb927ecc477b84f4f452606e2207e88f932
- 8aba5ce12e0df2f4fc6a58b4defbfc7fc0bae480740892d04f4fee9156f25ffd
- 9499a9a629a585fd75b7af3eacbc000c74a7eed240928a250ad580b8c8efc8d3
- 1e7de19e0636b8e224ce0d69b207d8bc5f8375b7bbc9228e43f426f5fdf05bc4
- a3fbecf3aa41c5b91274eb8c8319fd52c06fa5d20dc6c5f28bc535a8b17b2726
- 9131bc11a47c82ae466c719ab946fcac0a5e00e96e1bfc985d74e726526b4e84
- b6d69d0f0a3ee1dfb08f311c2ec0bab1b4e565ec4e03f23d555defdaf1b8dc9e
- 6e9d2d12a9d53fce2a16f63e18d970896f4a7f67bf40411c143fa3cf061ec4b8
- f1d99d9a6ff529ceba5bcfefffdea1aece875db4563838095f6382888842a7a
- 5f2eda2978e6da11ba9f29a398f100531ceda1ec44a49dc5b7e013f711a850ad
- 32453c24c8e36e93a594650554ecd730d5d00a466b764c1d774fc344b009d58a
- fc82b57b5f2aeafd2a602321afa4a7f9a33ea0575f0329786b5c2598abef57a7
- fdd0acbddd96dd0fb72ca78fa84dca24577796e1cd977206280bc5ac715f32d02
- 640976b9ad42936e9cc75778292bb28f402321883a124a674a5a6551df481781

Coverage

PRODUCT	PROTECTION
AMP	✓
CWS	✓
Email Security	N/A
Network Security	N/A
Threat Grid	✓
Umbrella	✓
WSA	✓

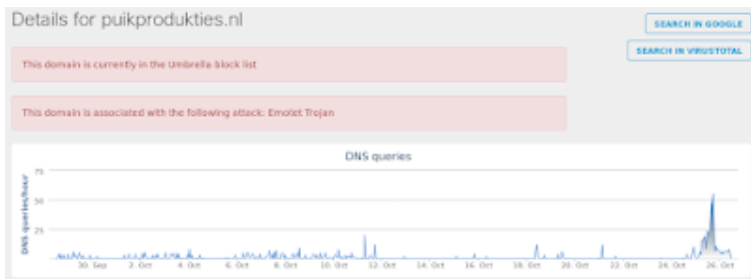
Screenshots of Detection AMP



ThreatGrid

Behavioral indicators	
Office Document Launches a Powershell	Severity: 100 Confidence: 100
Document with Random Variables Established Network Communications	Severity: 100 Confidence: 95
A Suspicious Document Containing Randomized Variable Names Detected	Severity: 95 Confidence: 100
Artifact Flagged Malicious by Antivirus Service	Severity: 100 Confidence: 95
Artifact Flagged as Known Trojan by Antivirus	Severity: 100 Confidence: 95
A Document File with Embedded and Minimal Content Established Network Communications	Severity: 100 Confidence: 95
A Document File Established Network Communications	Severity: 100 Confidence: 95
Document Launched Utility Application	Severity: 100 Confidence: 95
Document Flagged by Antivirus	Severity: 95 Confidence: 100
Office Document Launches a Command Shell	Severity: 95 Confidence: 100
Command Line Obfuscation Detected	Severity: 100 Confidence: 95
An Embedded VBA Macro Contains Randomly Generated Variables	Severity: 95 Confidence: 95
Antivirus Service Flagged Artifact As Likely Malicious	Severity: 95 Confidence: 95
Document Contains Embedded Material and Minimal Content	Severity: 95 Confidence: 95
Artifact Flagged by Antivirus	Severity: 95 Confidence: 95
Process Modified an Executable File	Severity: 95 Confidence: 100
VBA Macro Has Action on Open	Severity: 70 Confidence: 95
Outbound HTTP GET Request	Severity: 70 Confidence: 70
Antivirus Service Flagged Artifact As Containing A Macro	Severity: 70 Confidence: 95
Process Modified File in a User Directory	Severity: 70 Confidence: 95
Office Document Contains a VBA Macro	Severity: 70 Confidence: 95
Powershell Used With Encoded Command	Severity: 95 Confidence: 70
HTTP Request with Blank or Missing User-Agent	Severity: 70 Confidence: 95
Dynamic Content Detected in Document	Severity: 95 Confidence: 95
Command Exe File Execution Detected	Severity: 95 Confidence: 95
Process Uses Very Large Command-Line	Severity: 95 Confidence: 95
File Downloaded to Disk	Severity: 70 Confidence: 95
Potential Code Injection Detected	Severity: 95 Confidence: 95
DNS Response Contains Low Time to Live (TTL) Value	Severity: 70 Confidence: 70
Document Queried Domain	Severity: 70 Confidence: 95

Umbrella



Win.Ransomware.Bucbi-6357228-0

Indicators of Compromise

Registry Keys

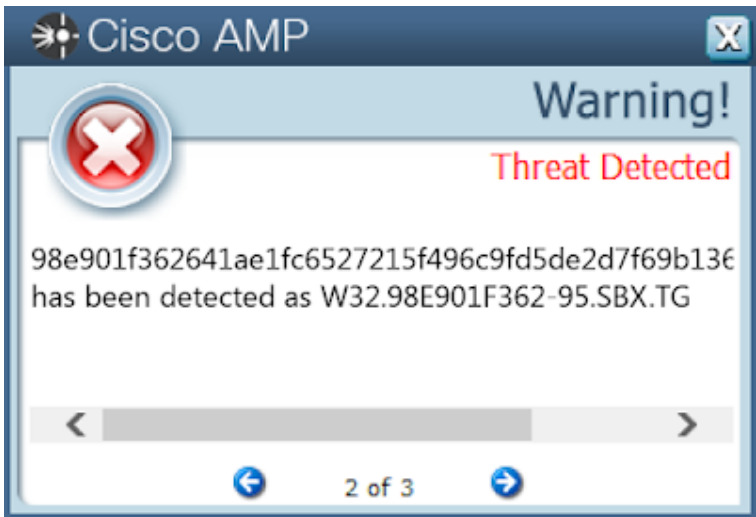
- **<HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\CONNECTIONS**
- **Value:** SavedLegacySettings
- **<HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\ZONEMAP**
- **Value:** IntranetName
- **<HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\ZONEMAP**
- **Value:** AutoDetect
- **<HKLM>\SOFTWARE\WOW6432NODE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\ZONEMAP**
- **Value:** IntranetName
- **<HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\5.0\CACHE\CONTENT**
- **Value:** CachePrefix
- **<HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\5.0\CACHE\HISTORY**
- **Value:** CachePrefix
- **<HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\5.0\CACHE\COOKIES**
- **Value:** CachePrefix
- **<HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS**
- **Value:** ProxyServer
- **<HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\ZONEMAP**
- **Value:** UNCAsIntranet
- **<HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\CONNECTIONS**
- **Value:** DefaultConnectionSettings
- **<HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\ZONEMAP**
- **Value:** ProxyBypass

- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\RUN
- **Value:** internat.exe
- <HKLM>\SOFTWARE\WOW6432NODE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\ZONEMAP
- **Value:** ProxyBypass
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS
- **Value:** AutoConfigURL
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS
- **Value:** ProxyEnable
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS
- **Value:** AutoDetect
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS
- **Value:** ProxyOverride
- <HKCU>\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Connections
- <HKU>\Software\Microsoft\Windows\CurrentVersion\Run
- <HKCU>\Software\Microsoft\Windows\CurrentVersion\Run
- <HKCU>\Software\Microsoft\Windows\CurrentVersion\Internet Settings\ZoneMap\
- <HKLM>\System\CurrentControlSet\Services\Tcpip\Parameters
- <HKCU>\SOFTWARE\Microsoft\Windows\CurrentVersion\Internet Settings\Mutexes
- Local\ZonesCacheCounterMutex
- Local\ZonesLockedCacheCounterMutex **IP Addresses**
- N/A **Domain Names**
- shalunishka12[.]jorg
- caprice-porn[.]com **Files and or directories created**
- %SystemDrive%\Documents and Settings\Administrator\Local Settings\Application Data\lqwmvdl.exe
- \Users\Administrator\AppData\Local\wikqvpt.exe
- \Users\Administrator\AppData\Local\lpcqdivf **File Hashes**
- 98e901f362641ae1fc6527215f496c9fd5de2d7f69b136ac610e453469831d07
- 6edf7c043348efe02d94c97a4d06ec735fb90a77ea290509e03991edadb24716
- f51719dfeac4f52a90d52188c3b3e9145d77f612da784510c968564aa0d46e9e
- 713413ee1a008b91a6afb29c52d2beda829778b8072c5ba5171bb50277104ebc
- a65293abd10e7c4a306ddfae94c67df2db411c4a29ca71a1ca8169ee640a8ed3
- feecc0baccecabeddc8f0e07b3a7aa54d7f13d60e232b7a538b10cd773b4c5e5

Coverage

PRODUCT	PROTECTION
AMP	✓
CWS	✓
Email Security	✓
Network Security	N/A
Threat Grid	✓
Umbrella	✓
WSA	✓

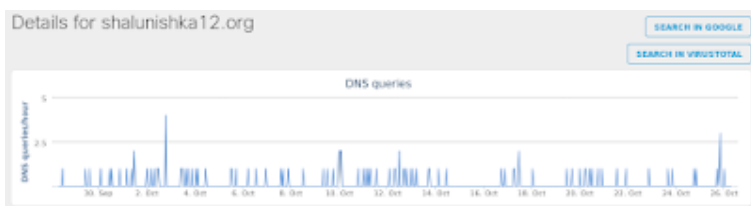
Screenshots of Detection AMP



ThreatGrid

Behavioral indicators	
Artifact Flagged Malicious by Antivirus Service	Severity: 100 Confidence: 85
Registry Persistence Mechanism Refers to an Executable in a User Data Directory	Severity: 90 Confidence: 100
Process Deleted the Submitted File	Severity: 90 Confidence: 90
Process Modified an Executable File	Severity: 80 Confidence: 100
Process Modified File in a User Directory	Severity: 70 Confidence: 80
Process Modified Autorun Registry Key Value	Severity: 80 Confidence: 80
Potential Code Injection Detected	Severity: 50 Confidence: 30
PE Checksum is Invalid	Severity: 50 Confidence: 50
DNS Query Returned Non-Existent Domain	Severity: 25 Confidence: 15
PE Resource Indicates Russian Origin	Severity: 25 Confidence: 80
Sample flagged by antivirus service contacted domain	Severity: 25 Confidence: 35
Executable Imported the IsDebuggerPresent Symbol	Severity: 20 Confidence: 20

Umbrella



Win.Trojan.Msil-6358223-2

Indicators of Compromise

Registry Keys

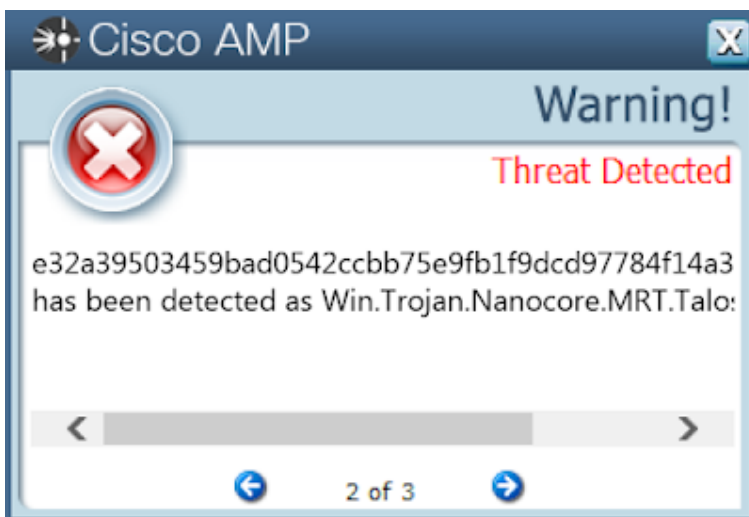
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\5.0\CACHE\HISTORY
- Value: CachePrefix
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\5.0\CACHE\COOKIES
- Value: CachePrefix
- <HKLM>\SAM\SAM\DOMAINS\ACCOUNT\USERS\000003E9
- Value: F
- <HKLM>\SAM\SAM\DOMAINS\ACCOUNT\USERS\000003EC
- Value: F
- <HKLM>\SAM\SAM\DOMAINS\ACCOUNT\USERS\000001F5
- Value: F
- <HKCU>\Software\Microsoft\Windows\CurrentVersion\Explorer\StartPage2
- <HKCU>\SOFTWARE\Microsoft\Windows\CurrentVersion\Internet Settings
- <HKLM>\System\CurrentControlSet\Control\SecurityProviders\Schannel
- <HKCU>\Software\Microsoft\GDIPlus\Mutexes
- RasPbFile **IP Addresses**
- 185[.]182[.]156[.]160
- 104[.]18[.]48[.]20
- 104[.]27[.]162[.]68
- 104[.]27[.]163[.]68
- 104[.]18[.]49[.]20 **Domain Names**
- paste[.]je
- artishoker[.]com
- c[.]lewd[.]se **Files and or directories created**
- %SystemDrive%\Documents and Settings\Administrator\Start Menu\Programs\Startup\KiuFCoY1QO9PiPVC.vbs
- \srvsvc
- %AppData%\Microsoft\Windows\Start Menu\Programs\Startup\KiuFCoY1QO9PiPVC.lnk
- %AppData%\Microsoft\Windows\Start Menu\Programs\Startup\KiuFCoY1QO9PiPVC.vbs
- %SystemDrive%\Documents and Settings\Administrator\Start Menu\Programs\Startup\KiuFCoY1QO9PiPVC.lnk
- \TEMP\Scanned_Purchase_order_image277253491.exe
- %TEMP%\1861034378.bat
- %AppData%\KiuFCoY1QO9PiPVC.exe **File Hashes**
- e32a39503459bad0542ccbb75e9fb1f9dcd97784f14a34ac5baac20875984c1d

- 2549362e299c04fd309af6034c8edca26cb4666de123d948a729a6bb98959a02
- 1948216f19bdb2e0cd2d09d89611eec211dca86618d4d7be5c743b1433bce38b
- 91c6d351305ee145d33df951155c6700294d1caec3a3738ba758d35e98cb9b75
- ceffc973720d74d3afebfd38a6af2edd8237a875e1b636e794ea060220aeb4d2
- 7cbc85a09bebdd5675e9ddb74496c60ffa67558a0978f9c619e963ca9ba7b9a6
- 34eaf73bb07d3d0f9577d79283975a42566f193f61fbcaee616a2a4a366dbb28
- fbcacee6765ed156ce5751205b67efc2d8fdd2ef76cdfa67e157db0d7688031a
- d3014617acb71109befeea10e57b4b8fb7b8df05f66a55bb47d85f904b1ee32c
- 3e98b03a47e0629f095fcdca6ca15dc48ec72b1af36711a41785547dfabfe1af9
- 9fd2b95cae0407e03575992690ffb155017fbdf9580b4466705f03601d01d0e3
- fbcacee6765ed156ce5751205b67efc2d8fdd2ef76cdfa67e157db0d7688031a
- 0cb8711d1f2a856178c34915f204a1af2b62b145c7817b9eee90ec1ae13ed6a2
- cab3246e2d185bb58c3e1163f520efe300832277f24336a647e5457380ef53d6
- ddc57143d6d212eecef60cb8ed95afa728425f976bc1db5eed74f2aa13228257
- c66c8be8191cefb7949fc13c7ef7f39bd2cd621c5d2f401bdec5d9e5ab738222
- b0b52c73ed116a84c16c1b71bab68fb1a669cbcafb0b06c676a6f3577ba7c555
- 411aff7bcef1f9b1f00b35f0d4fbf2ea42bea72931489fce1b3edaa327f4485b
- b1149077c5a8c4f9730d5db86d0cb19229cf192768d3eb30de2778c6529bd0b7
- 88e4751e486257ae14bfc4cd1c7bc5f5af5568314c54be43b6e02c8c852e93f7
- f19685621ec16a3c2810852acd1219e4d386119e0902486361fd2aa0d5ed3add
- 87f9d1b5d26155470684a6410dad447ed93307428a71115bbbfcce22dd34fb00c
- 8f65d213186372f0eccee43e3f00ac145e9080858f1b384bf8faf4a39797a979
- 251b9967ce0b664734a3fc072ec89a120df406b796364de84c83305d89a6d747
- 1948216f19bdb2e0cd2d09d89611eec211dca86618d4d7be5c743b1433bce38b
- b536330f0d2028e2d561582fd1d4053860d54fe09b40212f8cb8ac8359241dac
- 7e2a3692d653fa12120f96b10a03e9f2adb4fb009bb941c66a00182427723b79
- ac98dab0fa4cefa816e001737ae5a8f1f08c8851d8afb8c9e75f722366705b0e
- 56690111926e192663f3cdc04b540a1bfbfd6d498690d17d360082d57ec7569f5
- a611edd1273d31162da5a216b00d1460c433479719575018cd1cefd6a0fb297b
- 868ed435b09074e559bfcdb5dab4aeb3ff1d766d0f31132ea0c8010a1eeb7f1d
- dc38e69467f8d08621b498eb59f58f9139a4373c15c0567ad15d531f0aeb4766
- c51c9254f951f491aafb9b4fb2098189db4fed06b065162c4c288b072a85c60b

Coverage

PRODUCT	PROTECTION
AMP	✓
CWS	✓
Email Security	N/A
Network Security	N/A
Threat Grid	✓
Umbrella	✓
WSA	✓

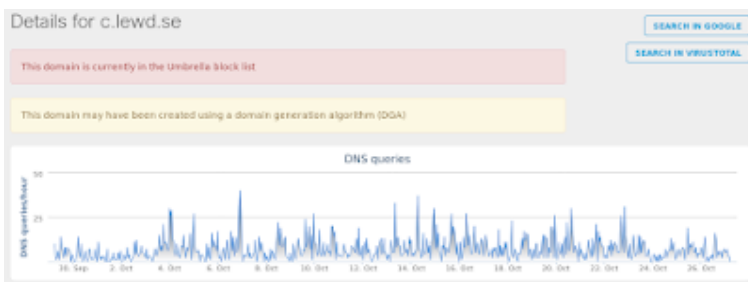
Screenshots of Detection AMP



ThreatGrid

Behavioral indicators		
Excessive Remote Process Code Injection Detected	Severity: 85	Confidence: 100
Artifact Flagged Malicious by Antivirus Service	Severity: 100	Confidence: 85
Process Hollowing Detected	Severity: 100	Confidence: 85
Shortcut Added in the Windows Startup Folder	Severity: 90	Confidence: 90
A VBScript Invoked Run Method On Created Object	Severity: 90	Confidence: 90
Process Deleted the Submitted File	Severity: 90	Confidence: 90
VBScript May Call Shell	Severity: 90	Confidence: 80
Process Attempted to Access the Firefox Password Manager Local Database	Severity: 95	Confidence: 75
Process Modified an Executable File	Severity: 80	Confidence: 100
Outbound HTTP GET Request	Severity: 75	Confidence: 75
Process Modified File in a User Directory	Severity: 70	Confidence: 80
Command Exe File Execution Detected	Severity: 50	Confidence: 80
Process Created a File in the Windows Start Menu Folder	Severity: 80	Confidence: 80
Sample Created A Visual Basic Script	Severity: 50	Confidence: 80
Potential Code Injection Detected	Severity: 50	Confidence: 50
Sample Created A Batch File	Severity: 50	Confidence: 80
HTTP Client Error Response	Severity: 50	Confidence: 80
Executable Artifact Uses .NET	Severity: 30	Confidence: 80
Process Read INI File	Severity: 30	Confidence: 80
Executable with Encrypted Sections	Severity: 30	Confidence: 80
DNS Response Contains Low Time to Live (TTL) Value	Severity: 30	Confidence: 30

Umbrella



Win.Trojan.Tinba-6357827-1

Indicators of Compromise

Registry Keys

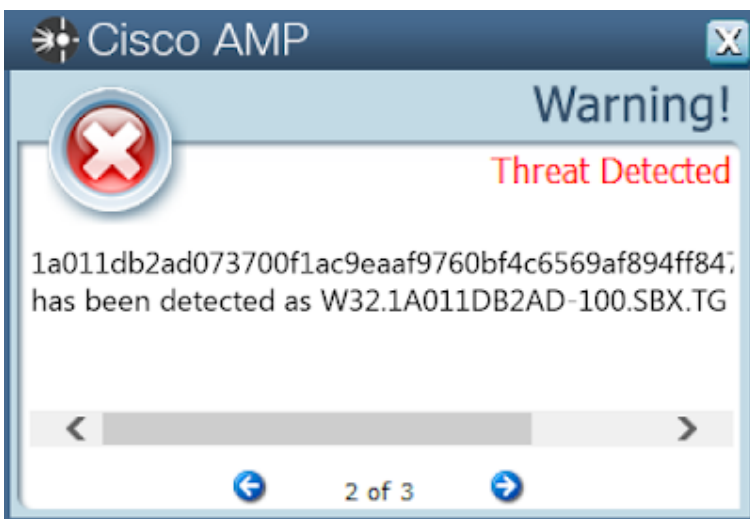
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\RUN
- **Value:** F9E7DE7B
- <HKU>\Software\Microsoft\Windows\CurrentVersion\Run **Mutexes**
- F9E7DE7B
- \BaseNamedObjects\5D79E0A3 **IP Addresses**
- 216[.]218[.]1185[.]1162 **Domain Names**
- spaines[.]pw **Files and or directories created**
- %AppData%\5D79E0A3\bin.exe
- %AppData%\F9E7DE7B\bin.exe **File Hashes**
- 1a011db2ad073700f1ac9eaaf9760bf4c6569af894ff847520ea2918ea9228ee
- 2e125dcdec21f24ec0834fea0df684a0db2fe1f3c6556694f7c1e44259c34bae
- 664cd8de35ff1318c294bdca6390aa4bd434bd0270ae997a60a1e6772a50626b
- 883939af8de0ceb28c3e4d508b7815a1518148a1e253e8df979e95f8a697c3f1
- fc5e9a478435e9dac68b036779cec6fea60be92e852ba2f31ca2234550937670

- e488fc3c2381c55fcc2a7a59c36b39bcb20e4a37640bb45238607cb7e2062a1
- fef91305f435a16413c87b1db1e0891fdebba6eaa06a6ab4f3464e86a274e36e
- 69c82a3f309d7727631925cafb134077613689a78143523a12a335af9c8014fd
- 683d8a111660b32f7b928d0375388a64bf4c1a709a20b5997f39f1649751b656
- 35f336aad0bb9ea07e8f49b0e10105a8bc31dc9d79c302ed594ca3d47f3aedf2
- d9f7dad10fe09eb4586b1156caf25f490dbe285eb6c5f5598cc6f525e559f319
- 9ff90fcb71b6d0c44de05e9bc909778ebdcb743ea7a0ce6da42b06ea9126153a
- c50c70f782a7027ddf9b9f40cf7fa09ba026db2e966485532c698020feb5092e1
- feab7aea76929e0eea394f319ac9943431ac408ac04b0682ec28c5208d2c0143
- 719b78cd00d5d5fd5da3fa786e8f9093169517d6d376dff95572bdd64092a282
- 1f4524411c3d875259f8ab03d7d8d2e6eff55a603d2986cd36e006ad7091df97
- 96e7b9cdf921c06747e68e19ed01c32eb3b8b2cfabde164dd993c75ccecef917
- 0e00dd23c72c45f60eb7fc7581a93e5b4975997108969a28bddb1b1dfa170ace
- ad3fac8f3b7e49c251cf829817f4f077072b7d9e4e697638836e4fccfee5693d
- 373ce9827a9626148e5c343250015be1fd6df270141f37129586321ba72ee601
- 5dbf9fb9db064cdc48d0b7e23aa50f7c22341b11ab848efe90c7355ff2f9d030
- e6d9afa1df88be5c5bc05c9b1fa4744aa8118c22eebc898769a96ad835c5e6e8
- dd72936abfd9887928cec7649f427c676067f05cbd23ba0e85f50533af49b2dd
- 4ac17bc6cbd38f7e0a93e221abd71a1771804871adf6638eefae70a36693dba6
- b04c4527a35a70d945eed540a6373bb2db4cae3a5c8ed79266d40f527f7e74a8

Coverage

PRODUCT	PROTECTION
AMP	✓
CWS	✓
Email Security	✓
Network Security	✓
Threat Grid	✓
Umbrella	✓
WSA	✓

Screenshots of Detection AMP



ThreatGrid

Behavioral indicators

TinyBanker Trojan Detected	Severity: 100	Confidence: 100
Excessive Remote Process Code Injection Detected	Severity: 95	Confidence: 100
Artifact Flagged Malicious by Antivirus Service	Severity: 100	Confidence: 65
Registry Persistence Mechanism Refers to an Executable in a User Data Directory	Severity: 90	Confidence: 100
File Name of Executable on Disk Does Not Match Original File Name	Severity: 80	Confidence: 80
Process Modified an Executable File	Severity: 85	Confidence: 100
Process Modified File in a User Directory	Severity: 70	Confidence: 80
Decoy Document Detected	Severity: 70	Confidence: 80
Process Modified Autorun Registry Key Value	Severity: 80	Confidence: 80
Task Creation Detected	Severity: 50	Confidence: 80
Potential Code Injection Detected	Severity: 50	Confidence: 30
Hook Procedure Detected in Executable	Severity: 35	Confidence: 80
Executable with Encrypted Sections	Severity: 30	Confidence: 30
Executable Imported the IsDebuggerPresent Symbol	Severity: 30	Confidence: 30

Umbrella



Win.Trojan.Tovkater-6355575-0

Indicators of Compromise

Registry Keys

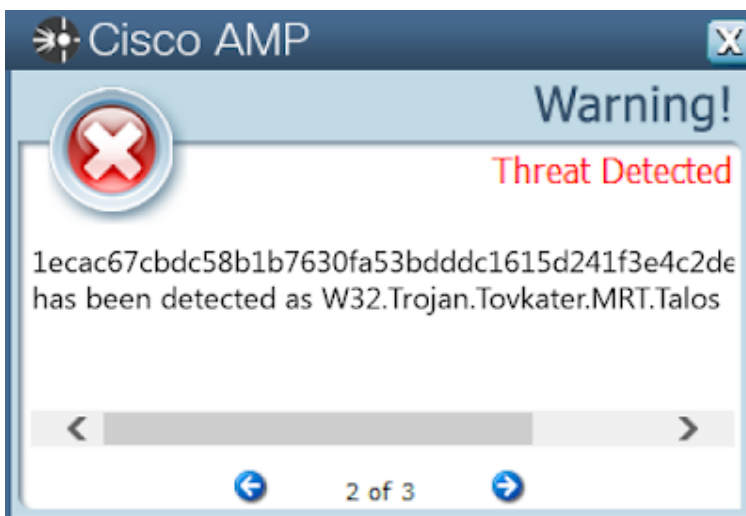
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\ZONEMAP
- **Value:** IntranetName
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS
- **Value:** ProxyServer
- <HKLM>\SOFTWARE\WOW6432NODE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\ZONEMAP
- **Value:** ProxyBypass
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS\ZONEMAP
- **Value:** ProxyBypass
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS
- **Value:** AutoConfigURL
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS
- **Value:** AutoDetect
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\INTERNET SETTINGS
- **Value:** ProxyOverride **Mutexes**
- !IECompat!Mutex
- Global\C::Users\Administrator\AppData\Local\Microsoft\Windows\Explorer\thumbcache_idx.db!rwReaderRefs
- Global\C::Users\Administrator\AppData\Local\Microsoft\Windows\Explorer\thumbcache_idx.db!ThumbnailCacheInit
- MutexNPA_UnitVersioning_1288
- \BaseNamedObjects\MutexNPA_UnitVersioning_1908 **IP Addresses**
- 185[.]80[.]54[.]18
- 239[.]255[.]255[.]250 **Domain Names**
- chubbyoasis[.]top **Files and or directories created**
- %TEMP%\nspB3BE.tmp\nsJSON.dll
- %TEMP%\nspB3BE.tmp\ihovet312.exe
- %Public%\Desktop\Download Download.lnk
- %TEMP%\nspB3BE.tmp\crub.exe **File Hashes**
- 00e2316602cdc220d7d96b51ddb30c8686768172aa690dca61299599b432e4e1
- 09c6d7aa165da344e09575978d4ed279bfc7b538a21d19d8a983bf6c53f6fd63
- 0cc22fdb99248307ad676f62fdeea54bf531a4a736db87a68b5e99200fa22346
- 0d5abc8055d7075ddc380a2244c048be7df2e1528625f178bae28b9a385d8059
- 37e58e7f9c958a84bc1f9e993b88ac35b208835bcd78de647e61acca0674ffc5
- 390c133ff17c3dba9ad6a1f23300259a25bf347ce1871b7bda3137e2793dea9c
- 46266424dc446fa849f32e390c72f2158937de669596d1604e7debfe42d4b08c
- 4d1aa1730c5c825513dcab70b2d953f0b410a7d77ae24c37c80a6c7b064a84cc
- 5fe7ab0b58112c10da05503e9d16429bde3cfe4fc6a6084354ad2e53ce174ead
- 629988c5c0eca9431d34ec6c62966e0f524b60f9d958d34481bc7bd320ab530a
- 6daf4f85fd756c9f348bf6c37361933725c44866c9a0fd48f75b37459dc1c82f
- 6e302beef11ceff3ce6d7578f21bc5fb63ff95b30b3bc1bab6ee56d82aeaaa81
- 7aa4bc907b1db2373c3429b54f29ad7a8e2c26d8075dce51e2019b3908123d6b
- 993e6ca19189fc218aa72a58914fd44a18e928fd8d57cda419d5d707c80b8d56
- ac0cee4f6a3e327ea011b790f1bd279ff835e0af32f0f6a944c20ceee60ae65c
- acb488c1a11f6e4c74bb16677266f90136f636564660b3365b9cadf58a3b2fe0

- b3bf68fc33b354a9387dd582f348ce7c739a96cbf18a52398d8f67ecbcd04b0
- be030179649c3c286ba386ce87cf2a7db4257b463d40d2fffd571801099f2209
- c620f230d09552f28a405d77f0a0aec3503a59fe329b01150ad975651419929f
- d6f21beb7b1033bef5de62b26e6e378909ddd54104cd92b2a0d359ef62f8d020
- e2197aebd08c65fb547461f7d4f3a86a70008743701828fbad4ff58266850958

Coverage

PRODUCT	PROTECTION
AMP	✓
CWS	✓
Email Security	N/A
Network Security	✓
Threat Grid	✓
Umbrella	✓
WSA	✓

Screenshots of Detection AMP



ThreatGrid

Behavioral indicators		
Artifact Flagged Malicious by Antivirus Service	Severity: 100	Confidence: 95
Downloaded Packed, Encrypted or Encoded PE	Severity: 100	Confidence: 90
File Name of Executable on Disk Does Not Match Original File Name	Severity: 80	Confidence: 80
Process Modified an Executable File	Severity: 80	Confidence: 100
Outbound HTTP GET Request	Severity: 35	Confidence: 35
Process Modified File in a User Directory	Severity: 30	Confidence: 80
Static Analysis Flagged Artifact As VM Aware	Severity: 30	Confidence: 80
Downloaded PE Executable	Severity: 60	Confidence: 90
File Uploaded to the Network	Severity: 60	Confidence: 80
File Downloaded to Disk	Severity: 30	Confidence: 90
Potential Code Injection Detected	Severity: 80	Confidence: 80
PE Has Sections Marked Executable and Writable	Severity: 60	Confidence: 80
PE Contains TLS Callback Entries	Severity: 60	Confidence: 60
Executable with Encrypted Sections	Severity: 30	Confidence: 30
Nullsoft Installer Detected	Severity: 30	Confidence: 30
Executable Packed with UPX	Severity: 30	Confidence: 30
Outbound HTTP POST Communications	Severity: 25	Confidence: 25
Outbound Communications to Nginx Web Server	Severity: 25	Confidence: 25
Sample flagged by antivirus service contacted domain	Severity: 25	Confidence: 25
Executable Imported the IsDebuggerPresent Symbol	Severity: 20	Confidence: 20
PE COFF Header Timestamp is Set to Date Prior to 1999	Severity: 5	Confidence: 80

Umbrella



Win.Trojan.WillExec-6356235-0

Indicators of Compromise

Registry Keys

- <HKLM>\SYSTEM\CONTROLSET001\SERVICES\WUAUSERV
- Value: DelayedAutostart
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\RUN
- Value: dgprf
- <HKLM>\SOFTWARE\POLICIES\MICROSOFT\WINDOWS DEFENDER
- Value: DisableAntiSpyware
- <HKLM>\SYSTEM\CONTROLSET001\SERVICES\WUAUSERV
- Value: Start
- <HKCU>\Software\Microsoft\Windows\CurrentVersion\Run
- <HKLM>\SOFTWARE\Wow6432Node\Policies\Microsoft\Windows Defender Mutexes

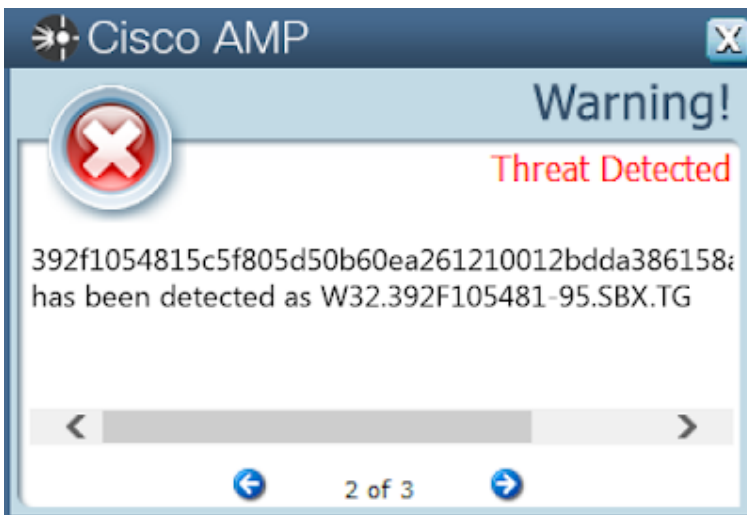
- Hej2ffi2jd4slfe **IP Addresses**
- N/A **Domain Names**
- LKEXIVL[.]RU
- HDYKVXN[.]RU
- ebfrtgx[.]ru
- PIBSCXI[.]RU
- indvaws[.]ru
- mfwvokl[.]ru
- UOEVSFM[.]RU
- JTPXQRU[.]RU
- KAQELMY[.]RU
- BGYMVRR[.]RU
- XQTNVLM[.]RU
- lkexivl[.]ru
- MFWVOKL[.]RU
- EBFRTGX[.]RU
- HTTHUED[.]RU
- dtrxcms[.]ru
- QTKIHPS[.]RU
- lqwuhot[.]ru
- bgymvrr[.]ru
- UPSCDOQ[.]RU
- DTRXCMS[.]RU
- qtkihps[.]ru
- FACJGHS[.]RU
- pibscxi[.]ru
- xlvudsp[.]ru
- rmcltni[.]ru
- LTYHVWD[.]RU
- ADOHBTT[.]RU
- hdykvxn[.]ru
- xqtnvln[.]ru
- upscdoq[.]ru
- LQWUHOT[.]RU
- facjghs[.]ru
- INDVAWS[.]RU
- htthued[.]ru
- XLVUDSP[.]RU
- jtpxqru[.]ru
- RMCLTNI[.]RU
- ltyhvwd[.]ru
- kaqelmy[.]ru
- uoevsfm[.]ru
- adohbtt[.]ru **Files and or directories created**
- %TEMP%\dd.te

- %AppData%\xxudxudr\ucqpaug.exe **File Hashes**
- 392f1054815c5f805d50b60ea261210012bdda386158a1da92d992a929eb77c2
- 03b2164da6318fff63b6cad2fc613c3d885bd65432a7b8744c2b1709f2f9a479
- 69a36e6f12b4e9b9cd15528a068385f2311b0c540336c142aabdd73c2a2e2015
- a63a5639d0cb6a10f7af5bd0dd30ca1800958a0f5bb47f358b6d37f51d0f0a31
- 2ae61c8c2a8e83cde33f38b89599032a6fb455256aa414a15f2724c94d3460d2
- 40cfb7b7fad1602276ebf3fa63514ba91be6186d5d3bd190f593bdec0b6d8d64
- 76d7a19cd2700dfe9e209f7a90b65f505ea14936dca3a5b00bd3b61c2c6ee386
- 9a339f2cbd25fcd821e6a1d37744280007f4ce016e93c6fb8c7c9e0ef8dfaf06
- a012c26e70eccd13a644ef53d1202d3d1b2a53c70046ccedb12c97a00844ef73
- fa7e5cdf59d30ade201e91f0543a03f581ff5f95ddc74bccf7590663de3a6a01

Coverage

PRODUCT	PROTECTION
AMP	✓
CWS	✓
Email Security	✓
Network Security	N/A
Threat Grid	✓
Umbrella	✓
WSA	✓

Screenshots of Detection AMP



ThreatGrid

Behavioral indicators		
Artifact Flagged Malicious by Antivirus Service	Severity: 100	Confidence: 95
Process Hollowing Detected	Severity: 100	Confidence: 95
Excessive Number Of DNS Queries Returned Non-Existent Domain	Severity: 95	Confidence: 100
Registry Persistence Mechanism Refers to an Executable in a User Data Directory	Severity: 80	Confidence: 100
Detected Attempts To Lookup Several Randomly Named Domains	Severity: 100	Confidence: 90
Excessive Number of DNS Queries	Severity: 70	Confidence: 100
Process Modified an Executable File	Severity: 60	Confidence: 100
Process Modified File in a User Directory	Severity: 50	Confidence: 80
Process Started a Service Using the SC Utility	Severity: 30	Confidence: 100
Process Stopped a Service Using the SC Utility	Severity: 30	Confidence: 100
Process Modified Autorun Registry Key Value	Severity: 60	Confidence: 60
Command Exe File Execution Detected	Severity: 50	Confidence: 80
Potential Code Injection Detected	Severity: 50	Confidence: 50
DNS Query Returned Non-Existent Domain	Severity: 25	Confidence: 75
Process Modified Registry Settings Using Reg Utility	Severity: 20	Confidence: 60
Executable Uses Armadillo	Severity: 30	Confidence: 30
Sample flagged by antivirus service contacted domain	Severity: 25	Confidence: 25

Umbrella



Win.Trojan.Zusy-6357526-0

Indicators of Compromise

Registry Keys

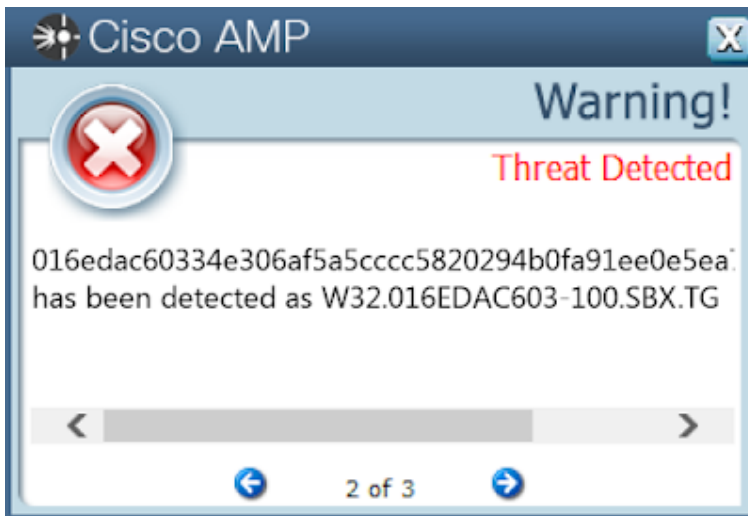
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\RUN
- **Value:** F9E7DE7B
- <HKCU>\SOFTWARE\MICROSOFT\WINDOWS\CURRENTVERSION\RUN
- **Value:** internat.exe
- <HKCU>\Software\Microsoft\Windows\CurrentVersion\Run
- <HKU>\Software\Microsoft\Windows\CurrentVersion\Run **Mutexes**
- F9E7DE7B
- \BaseNamedObjects\5D79E0A3 **IP Addresses**
- 239[.]255[.]255[.]250
- 216[.]218[.]185[.]162 **Domain Names**
- spaines[.]pw **Files and or directories created**
- %AppData%\5D79E0A3\bin.exe
- %AppData%\F9E7DE7B\bin.exe **File Hashes**
- 016edac60334e306af5a5cccc5820294b0fa91ee0e5ea71e655c4632e8998347
- bdd213dad416f81f8b76a7463c20500ee789c8d44371cf62c061a0aa6c232472
- b1fdd5250ab7300da229a091f58e655e2aade24c38cd280af4cd8cb79af30203
- 1d2b1f2f844f40bcdbf614d4c38d3c4fde7a36d9102b7e13cc05abfa2c6bf593
- a27d0e059e9d56b31e06899bd7287ee8e05f10b8da04124d9ad1fbc633cff893

- 3c27beb77c3261ceb55eae2d32a193ca4a53432a3a188fd9494202b94736522
- b5b46370c593ae3c32042355ff5d234b597d4f2685706f4f978006834483a689
- 13bf1d8d2fc96ec4ad92225a77d212e2d41ad09ffee5061de73124a6662aa792
- 1c5ba0cb523cd3c713c24c75cfa28885ef542f2226b25151ebafa3ecdde4e827
- eef6f6d965da6f45e376eb9e5e01451ea110466e4b02780625cd5170edad4119

Coverage

PRODUCT	PROTECTION
AMP	✓
CWS	✓
Email Security	✓
Network Security	✓
Threat Grid	✓
Umbrella	✓
WSA	✓

Screenshots of Detection AMP



ThreatGrid

Behavioral indicators

TinyBanker Trojan Detected	Severity: 100	Confidence: 100
Excessive Remote Process Code Injection Detected	Severity: 95	Confidence: 100
Artifact Flagged Malicious by Antivirus Service	Severity: 100	Confidence: 65
Registry Persistence Mechanism Refers to an Executable in a User Data Directory	Severity: 99	Confidence: 100
File Name of Executable on Disk Does Not Match Original File Name	Severity: 89	Confidence: 69
Process Modified an Executable File	Severity: 69	Confidence: 100
Process Modified File in a User Directory	Severity: 79	Confidence: 86
Decey Document Detected	Severity: 79	Confidence: 36
Process Modified Autorun Registry Key Value	Severity: 88	Confidence: 46
Process Uses Very Large Command-Line	Severity: 80	Confidence: 36
Task Creation Detected	Severity: 59	Confidence: 46
Potential Code Injection Detected	Severity: 59	Confidence: 26
Hook Procedure Detected in Executable	Severity: 36	Confidence: 46
Executable with Encrypted Sections	Severity: 36	Confidence: 36
Executable Imported the IsDebuggerPresent Symbol	Severity: 29	Confidence: 36

Umbrella



Source: <http://blog.talosintelligence.com/2017/10/threat-round-up-1020-1017.html>