2017 年 3 月 3 日，星期五

上周（2 月 27 日至 3 月 3 日）恶意软件汇总

本文概括介绍 Talos 在过去一周内观察到的最常见威胁。不同于我们的其他博文，本文不进行深入分析，而是重点从以下方面总结我们观察到的威胁：关键行为特征、危害表现，以及我们的客户是如何自动得到保护、免受这些威胁的。

在此提醒，本文中介绍的关于以下威胁的信息并不十分详尽，但所述内容截至发稿日期为止为最新。对以下威胁的检测和防护会根据进一步的威胁或漏洞分析进行更新。如需获取最新信息，请参阅 FireSIGHT 管理中心、Snort.org 或 ClamAV.net。

Win.Ransomware.Cerber-5901829-0

勒索软件

Cerber 是一种勒索软件变体，它会加密用户的个人数据（例如 Office 文档、照片和音乐）。Cerber 还会尝试窃取浏览器历史记录。如果 Cerber 无法访问 C2 服务器特定域名，它会通过 TCP 在端口 6892 上对特定 IP 地址范围执行 Ping 操作。

危害表现

创建的注册表项

密钥	值名称	值数据
HKEY_USERS\Software\Microsoft\Windows\ShellNoRoam\MUICache	C:\WINDOWS\system32\mshta.exe	Microsoft (R) HTML 应用主机
HKEY_LOCAL_MACHINE\SYSTEM\Cont rolSet001\Control\Session Manager	PendingFileRenameOper 操作	\??\C:\001984854a008441d5a880410dd582a0ee6f68bbc0068abeab1f4df1ae0b8af9.exe

修改后的注册表项

- 不适用

创建的互斥体

- shell.{3EB72F14-EB8C-7844-D6B0-CDB105275440}

创建的文件

Cerber 在它加密文件的所有位置以及以下位置的磁盘上投放一个名为 README.hta 的文件：

- %HOMEDRIVE%\README.hta
- %APPDATA%\Microsoft\Windows\Cookies\Low\README.hta
- %ALLUSERSPROFILE%\Sample Pictures\README.hta
- %ALLUSERSPROFILE%\Cookies\README.hta
- %HOMEPATH%\Contacts\README.hta
- %HOMEPATH%\Desktop\README.hta
- %TEMP%\README.hta

请注意：此列表并不详尽。

IP 地址

- 104.16.149.172
- 194.165.16.0/24
- 194.165.17.0/24
- 194.165.18.0/24
- 194.165.19.0/24

域名

攻击者使用 DGA 算法生成所使用的主机名和域名。目前，攻击者访问的主机如下：

- vyohacxzoue32vvk.[a-z0-9]{6}.(bid | top)
- btc.blockr.io

使用正则表达式可以标识更常见的域：[a-z0-9]{16}.[a-z0-9]{6}.(top|bid)

示例：

- hjhqmbxyinislkkt.1mvku2[.]top

文件散列值

- 001984854a008441d5a880410dd582a0ee6f68bbc0068abeab1f4df1ae0b8af9
- f1246caf5b90ffaa5dc03d7c74be88c866627730e79c8da722799b11c576afaa
- bdb7527abf68bd948502dcbd8663382b822910344c21fce1ac9bc0036cb26274
- b48cec5ed5334f1526308bd9e40cde4877265fad488fd6d7935bd6b19edb196a
- 349ed9b9bd21ef37e31b062793b5648f87607b8815a32d425dca5a322d4e5b9e
- cd96f99b90ed85833ac19508d9c445a7352c971819e68073789aaf827fc21c2a
- c441013fcffe2b8bc71c4254882341883eab29db3eab05148c25b747113447ab
- 553d1a73ad634922ad77a317ca3ccd6a0b27a5d67b3429d0f08ea7c7b9967401

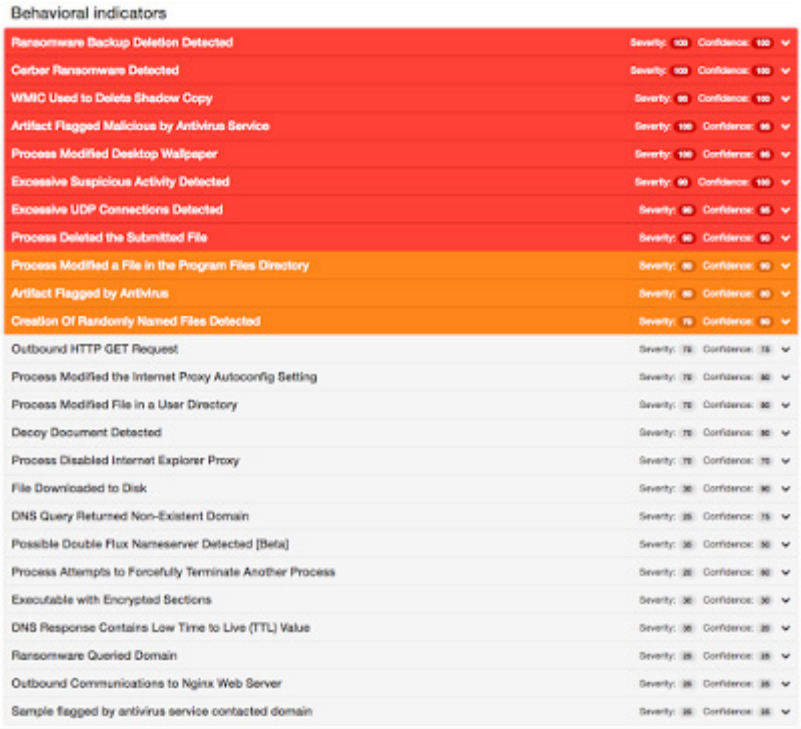
- 11a375d808fe0d440bbb6808766fc648a210b5621ae80908673b4f358ebae8ff
- 623c520afc9b32b4777accd9cb9b4422f49a53fc9fe6ff7dc21b7ffd783563ed
- bc753af8a4b203091fb6924e8f88a180e259ac77500eb056b7d04d840ee884e4
- ffde0727f1b487d1a7b84912a2d923e5a7e5443673bee34e89acfd70ef7b1918
- 182dee2062bbbefad0090da61a8b4bdf9d95fa7db621fac9725ad165505b4f1b
- d5ffa9e5b51342eb7c6df5fe7cd60d95ad74955617524148b6e20bc054f0d151
- 938986cb2e87323e482e9d772200157abcacbbe9f962f197276555f750b24c25
- e5ecdb92220696f09ad3500d8e52da3ecfb4f6e00cce6d0a9f224b30e7071394
- b48e859aa8e297cf0bf6bb312c8845f18c4b822e84f6196ffde4d6a08530efd7
- d2c8cc05a9ff073b7cf20026dee5f75a40125babb3c511e22627c9b2e4cf4c44
- 435b6935c28a3aad18a0d065c5ed851b797ae6963ae151b96628fff6d1bd8b59
- 63e1232a12bf86e1bdf9c1527b64eb3e6ae7cd1edb29ce9e2d518912e42d53aa
- 515e6c0cc23d0f8ff7a57737fbc1a7f06cdc86a46985086f91e39afa6d884da7
- c8e32211dc0e0f5477d5424831f1261786adbca862c63f581d88d4448ecdbf1a
- 1180dac56afb5cdb93f910f4f1e9abcb2584462186ec26b7cc7fae8ae4d99db4
- 082496e6e7f49099ac4fe0f6d0652c3a8a2b87f54b05fcf1efef9e006cfa57a7
- 8fd920aa1a4d2b7e7082758c3fe6212fa664258862bfd05ca977a7e01456a2bf
- facb0523eb66f1b2262a81a5fb898c4ab3012c3ade377833906a43d5942ceff0

防护

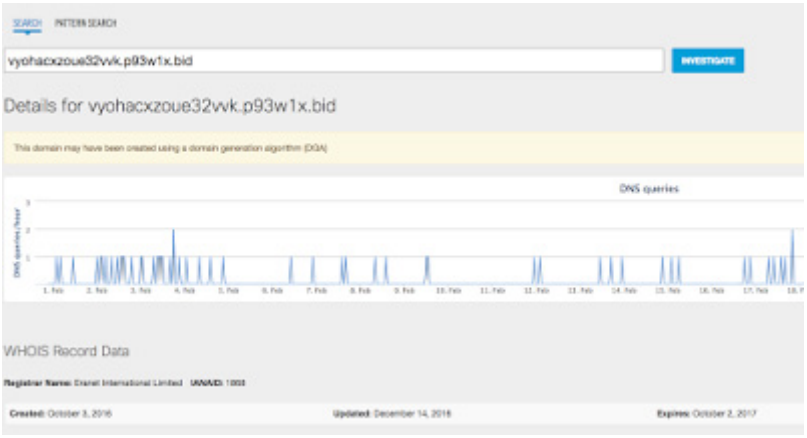
产品	保护
AMP	✔
CWS	✔
邮件安全	✔
网络安全	✔
Threat Grid	✔
Umbrella	✔
WSA	✔

检测引擎

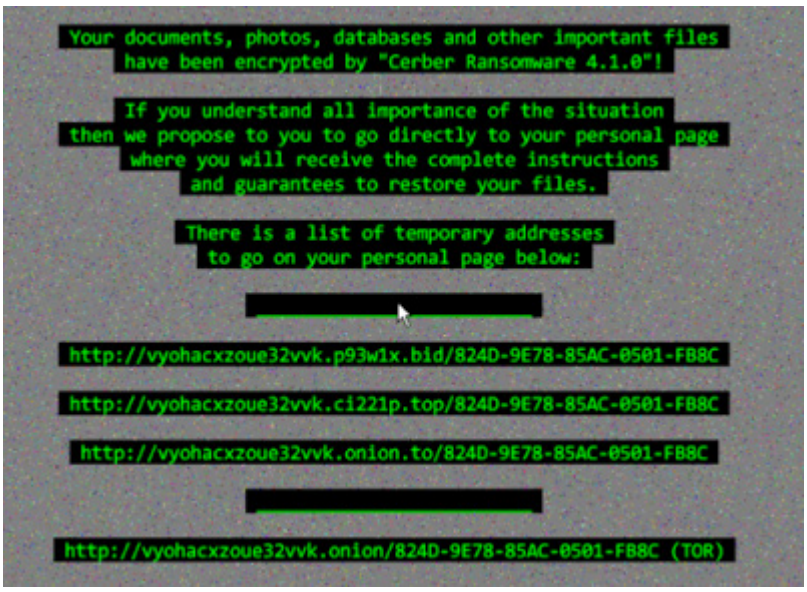
ThreatGrid

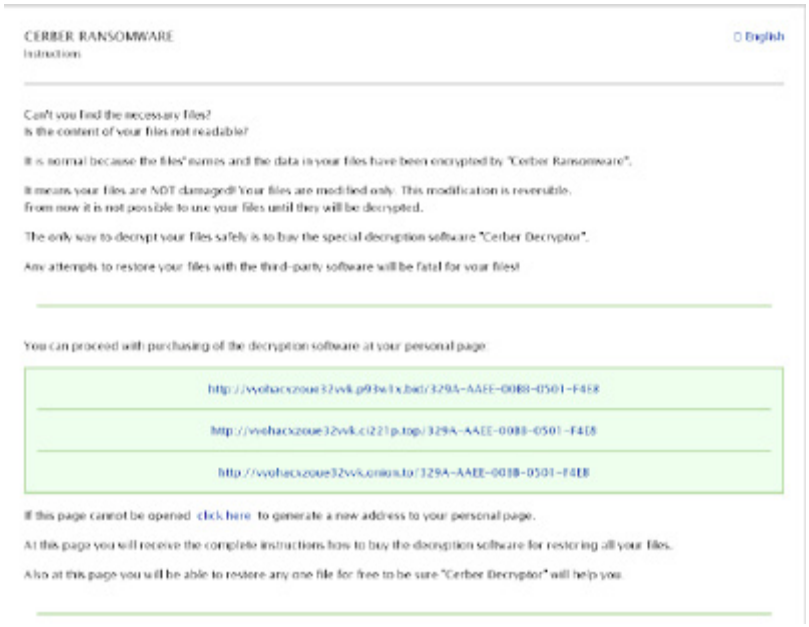


Umbrella



恶意软件屏幕截图





Doc.Macro.Generic-5900096-0

宏下载程序

攻击者可以使用启用了宏的 Office 文档来在系统上下载恶意软件或执行恶意操作。此威胁重点利用宏代码中用于从外部来源下载恶意软件的一种常见方法。

危害表现

创建的注册表项

- 不适用

修改后的注册表项

- 不适用

创建的互斥体

- 不适用

创建的文件

- C:\DOCUME~1\ADMINI~1\LOCALS~1\Temp\<download_file>.exe

IP 地址

- 89.248.103.159

域名

- www.e-funciona.com

文件散列值

- 3641801c289e5f76ba3a10858567b15a46640ba26ea7d8402eff2016ad4067fc
- 607aaabcff0390969193e26f2e5c6ecebc879686028ca39e29c1a4cf10267378
- 433f3d7209ca4be18b5afdef5651c46ec8f5f955a962f3faf7cc472108ff01d4
- 0e3cc78a6cc51199816d459ba6281e330fee7f4b6e0dd6f9d9c818874651cafa
- a8996fcc148fd2fd82c1551d3d874d7b4550fcab4ad4bdbdf7c5a7f0db7ec70a
- 21cb74721704ed761414a3929dec6d4723416594957a3c3b6075855e4f740729
- 1284cf7a0710e38584d430df6cdabda80c321a124b278e010ca0f2f70ba2e53b
- 1352bacc05c1f5414a1f1393c87044f533d2e3c293d42fae1753e3f55f6898ce
- 8f208af31938adbbcf311317e43e14f8ab181b3038e399e2ba1dff2004c5378e
- f41e5af285ec67f0d08910a91434a5cac4edbcf0bb2713e7773ebe582ccd5d46
- aed55db2b5be215986d182743f07a64d450b26dc4f29007e9ae2192edaf3b924
- 9df62b06bb1c7ff1fcd863d072375c46f6c4132be9dbd89619be1e59993e4d94
- fcc21c98615be7118730e801e15122fad58a8fa75e7d27aff2917694fb465c61
- e89f1ae146aa47bbf5aff559d19b3a91453ef174759a3c4bb2a67c809f6e22c0
- ddaeae452c0c61842316f574ef77fcd3fcba80df4afc4e22a444ec500663bef9
- dd7a69629cc7c0c975bdc18eee9e7b6c38e846854e6ac01900aa0d1ae332fe62
- d8f52f4f6c8b344dcc421577c77746f7175fb74fa1222578092e10b5c0be07be

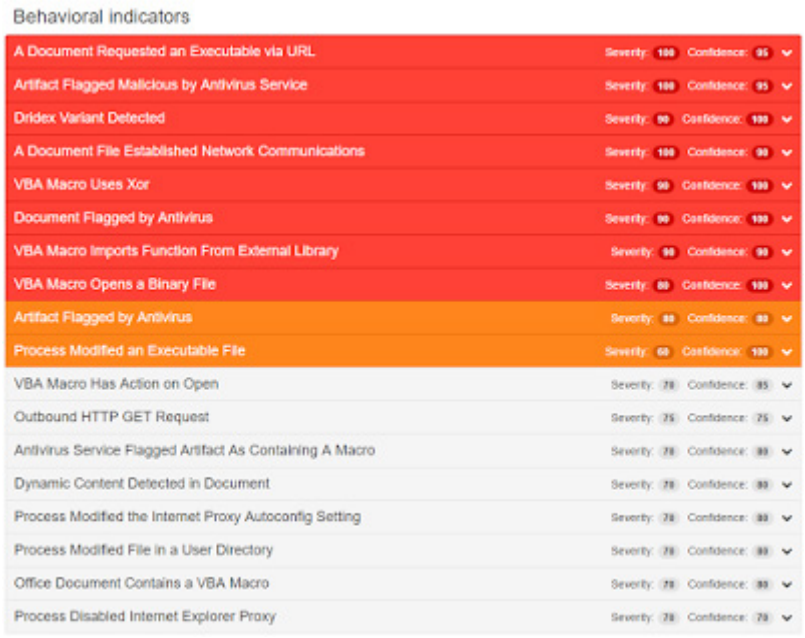
- ba20e30a94e8a815bddfc099df321cdad7d72927f944cb20ec200bf0291d3398
- b195291047d3c48738c48bbb604f4c5e85aec9dd03ccae29924acc7cff9a03a6
- 8a6f159fa8d744a384ab0dd5047de64e3bf6e99065afd35e96f42fb832230f9b
- 814b26f19c396af49ba0d39d434ab30c994984426996dc11c6f7418d80648609
- 70a18da4a41d5aa74b943f8c9a0572e8324d66826f64de7ea548e58a89cacaa5
- 4e21a3b4ebc76407f70f2b9d9e3a30eec54e4fbeaa64020ac0648873c52b5905
- 4b895aaf6631ae677efc53ba9e416a444bc78df3cd2e3da400aa2968a9ae8db2
- 4b759728a284da96aefe30ea5f4b668d96dccd8c2f9630bf6786eb26b5650a06

解决方案

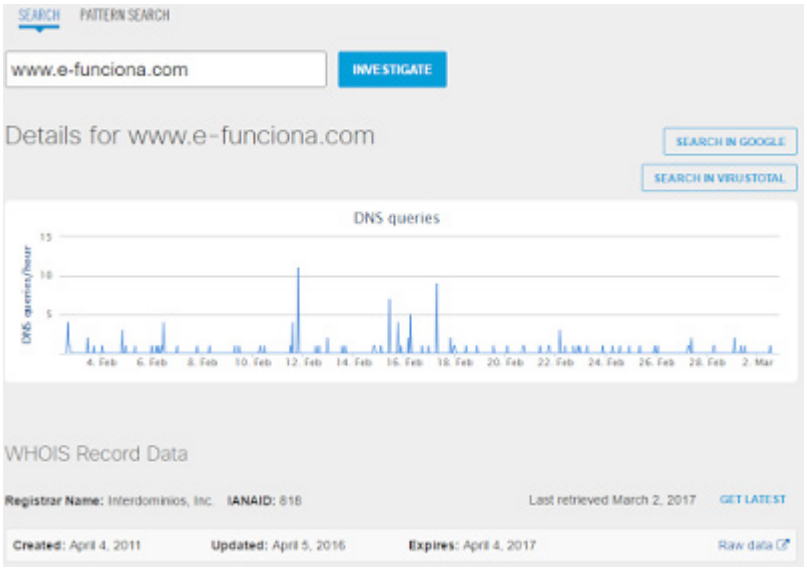
产品	保护
AMP	✔
CWS	✔
邮件安全	✔
网络安全	✔
Threat Grid	✔
Umbrella	✔
WSA	✔

检测引擎

ThreatGrid


Behavioral indicators
A Document Requested an Executable via URL
Artifact Flagged Malicious by Antivirus Service
Dridex Variant Detected
A Document File Established Network Communications
VBA Macro Uses Xor
Document Flagged by Antivirus
VBA Macro Imports Function From External Library
VBA Macro Opens a Binary File
Artifact Flagged by Antivirus
Process Modified an Executable File
VBA Macro Has Action on Open
Outbound HTTP GET Request
Antivirus Service Flagged Artifact As Containing A Macro
Dynamic Content Detected in Document
Process Modified the Internet Proxy Autoconfig Setting
Process Modified File in a User Directory
Office Document Contains a VBA Macro
Process Disabled Internet Explorer Proxy

Umbrella


SEARCH
PATTERN SEARCH
www.e-funciona.com
INVESTIGATE
Details for www.e-funciona.com
SEARCH IN GOOGLE
SEARCH IN VIRUSTOTAL
DNS queries
DNS queries/hour
WHOIS Record Data
Registrar Name: Interdominios, Inc. IANAID: 818
Last retrieved March 2, 2017
GET LATEST
Created: April 4, 2011
Updated: April 5, 2016
Expires: April 4, 2017
Raw data


SEARCH
PATTERN SEARCH
www.e-funciona.com/~esoporte/43/83
INVESTIGATE
PART OF WWW.E-FUNCIONA.COM
DETAILS FOR www.e-funciona.com/~esoporte/43/83.exe
SEARCH IN GOOGLE
SEARCH IN VIRUSTOTAL
Associated Samples
POWERED BY CISCO AMP THREAT GRID
Threat Score
SHA256 Signature
AV Result
95
Doc.Macro.Generic-5900096
1-1 of 1

Win.Trojan.Infostealer-5900674-0

木马（凭证窃取程序）
Infostealer 是一种 Windows 木马，用于窃取通过 Mozilla Firefox 和 Google Chrome Web 浏览器提交的凭证。它使用 SQLite 数据库存储获取的凭证。我们观察的样本是用 Delphi 编写的，并且使用 UPX 进行压缩。由于在运行时没有明显的网络流量，因此我们怀疑被窃取的凭证就存放在本地位置，以供执行攻击的其他组件投放该木马。

危害表现

创建的注册表项

- 不适用

修改后的注册表项

- 不适用

创建的互斥体

- \BaseNamedObjects\CTF.LBES.MutexDefaultS-1-5-21-2741372430-2673733078-4290318639-500
- \BaseNamedObjects\CTF.Compart.MutexDefaultS-1-5-21-2741372430-2673733078-4290318639-500
- \BaseNamedObjects\CTF.Asm.MutexDefaultS-1-5-21-2741372430-2673733078-4290318639-500
- \BaseNamedObjects\CTF.Layouts.MutexDefaultS-1-5-21-2741372430-2673733078-4290318639-500
- \BaseNamedObjects\CTF.TMD.MutexDefaultS-1-5-21-2741372430-2673733078-4290318639-500
- \BaseNamedObjects\CTF.TimListCache.FMPDefaultS-1-5-21-2741372430-2673733078-4290318639-500MUTEX.DefaultS-1-5-21-2741372430-2673733078-4290318639-500

创建的文件

- %TEMP%\sqlite3.dll

- %SystemDrive%\history.txt
- %APPDATA%\moz.tmp
- %TEMP%\0.tmp
- %TEMP%\31379.tmp
- %SystemDrive%\pass.txt

IP 地址

- 不适用

域名

- 不适用

文件散列值

- 68f794cefe42c5b746abea703856036fed7ceaf571220874d8b70782d8d81569
- 2940298afc9b926b95a501ae12b28024b2e070eabffe28ca3da0f08f33c2c6c8
- 62aa96177f224e58362278d3424f90ebd4512b61214a36024685b0c7704ec60a
- 6850b01820037dbf2264f43140ff7780c35abef14d8c6e6bd8da9248a1b88943
- 864f375840c009d6260e2ac143dd09404e262b012e1ee4a16902f99004cbc862
- 68f794cefe42c5b746abea703856036fed7ceaf571220874d8b70782d8d81569
- a38ac23db7f5c3343285e3a17d48823756c56e9a946e56fdd9612265c40f9f99
- c8badfa7fe40d9bc10a33c118a75b920b4eb8f2f3d831376c095ba02515c7176
- e8e697802bf0219cb54ab97910d436ef2e7dbe1c2a4abf0b406a42e2507265c1

解决方案

产品	保护
AMP	✔
CWS	不适用
邮件安全	✔
网络安全	不适用
Threat Grid	✔
Umbrella	不适用
WSA	不适用

检测引擎

ThreatGrid

Behavioral indicators

Doc.Macro.Laroux-5893719-0

宏下载程序
攻击者可以使用启用了宏的 Office 文档在系统上下载恶意软件或执行恶意操作。此威胁重点利用该恶意软件系列中用于启动代码执行的一种常用方法。

危害表现

创建的注册表项

- N/A

修改后的注册表项

- N/A

创建的互斥体

- N/A

创建的文件

- 不适用

IP 地址

- 不适用

域名

- 不适用

文件散列值

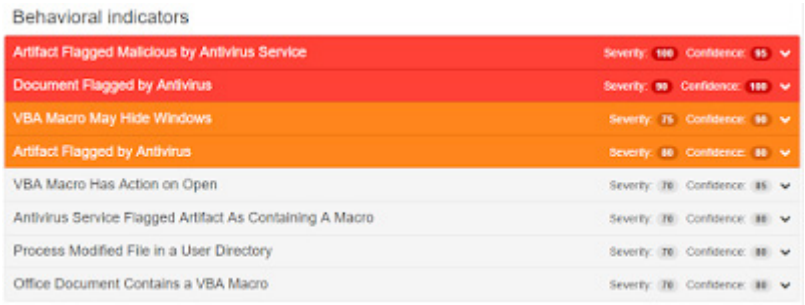
- 0e6dcb17c222cf90bec20d6e2f4e7e8ce3c0a6ea3a9960e5914be4eb8dce6cab
- 155a0409cecddf0ac869ca2c15a2b55c746c6f940ee3d8a9f08a91554add7b2d
- d3678428b6939ed19211b5b88a079f33e556d4e547c5acb1eaa148366d0b6e6d
- 13853b3d52b4e19a7a4b1dfb620f6ee28fc02ff3fb6162ebfca3ee6219a30bbc
- 78fcadb4d82afe19799c4a47626a8faf75fc56ecde28bd250f33f90e79c65e42
- 949dcec4d0a79d1296366353794a275b0bea056bb099558f8c231afe8cb9adff
- be1e11932dd5820dc45e3fdcde360af6634dfc0da5cbf9de9b7a717de50b0ec9
- 529239d98ee139cc276daff5db157746a2a421cbe0f7bd870a8f10d51452bb20
- afd854fa48077adb87b3e700f6695c9d5ef74e77353328337ef7c591060f5f89
- d5111633f192a9a83cc39b4d8c9717a0d284a00acc1af4274f85319ac0034505
- 0d1a187f252848e219053845351c3b07d440587d55cc624b0b2d59419ea8a896
- 180caf6d44cdec9c977aac2f2bd2d15ba10477bcba7bccbaba720503dd5eb021
- 4701392544a60dc493e13179ab0b3a709217961353e6e404a40d2278b4dbd6d2
- 4c499c70249e9e953c0b63f13c3d2c368e07b04e0a44cb1b3fd05e4aa4f13f56
- 6921de7df37141ca093a24d1184e4812ce5883cc86383f6435d85ff561c58bc6
- b2de2b00c0494238c04784e7a03307d1680eee4f2e6a8b40df455bf91db8898a
- b332cde3d53ff68390f666f86f270ca005926ae66d47322fac839291518db1ef
- 1bc489abc45a3db159c2d43cb220f3f3e7aaa6d40eba49758150e40c3df03ff2
- 40e498704f3f4f807e807f59c0644e457e1690847d43dcbd43aa1b4d41b41e4a
- 5e930fe0323d09a4e7c10edbc8bf8d51e2826be344a3778695c7adb8eda10ca4
- 66d223fd0f0b2ce642755bb18f876e919c91dfedcdb84ffb79eba2de8b0e10eb
- 6abffacb8a95bf7d67fe7544f2020e90109be89a0a5ec754def98377b361e81f
- 6b03f59727e07f63340c1a1603538c107d2008c08fb34f3f47d6ecb352b391f0
- 7a2e044f1716d2236800dd4dd186cd5224abe779692cd5e0767714798aaa430a
- 7a750bd06456920deeb26929b5bfd8c9a7a0106c917e0aacd79b7b39ba505675

解决方案

产品	保护
AMP	✔
CWS	✔
邮件安全	✔
网络安全	✔
Threat Grid	✔
Umbrella	✔
WSA	✔

检测引擎

ThreatGrid



发布者：ALEXANDER CHIU；发布时间：下午 5:05
标签：AMP、CLAMAV、防护、邮件、恶意软件、SNORT、THREATGRID、UMBRELLA