5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095...

malicious

This report is generated from a file or URL submitted to this webservice on June 16th 2017 22:44:37 (UTC)
Guest System: Windows 7 32 bit, Home Premium, 6.1 (build 7601), Service Pack 1
Report generated by Falcon Sandbox © Hybrid Analysis

Threat Score: 100/100
AV Detection: 81%
Labeled as: Fragtor.Generic

X Post | Link | E-Mail

Overview | Sample unavailable | Downloads | External Reports
Re-analyze | Hash Not Seen Before | Show Similar Samples | Report False-Positive | Request Report Deletion

Incident Response

Risk Assessment

Remote Access	Contains a remote desktop related string
Fingerprint	Reads the active computer name
Evasive	Possibly checks for the presence of a forensics/monitoring tool Possibly checks for the presence of an Antivirus engine References security related windows services
Network Behavior	Contacts 5 domains and 6 hosts. 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 12

External Systems

- Detected Emerging Threats Alert
- Sample was identified as malicious by a large number of Antivirus engines
- Sample was identified as malicious by at least one Antivirus engine

Installation/Persistance

- Changes memory access rights in a remote process to write/execute

Network Related

- Malicious artifacts seen in the context of a contacted host
- Multiple malicious artifacts seen in the context of different hosts
- Sends network traffic on a typical mail related ports
- Sends network traffic on the official file transfer ports

Pattern Matching

Unusual Characteristics

References suspicious system modules

Hiding 1 Malicious Indicators

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

Suspicious Indicators 16

Anti-Detection/Stealthyness

Possibly checks for the presence of an Antivirus engine

Anti-Reverse Engineering

PE file has unusual entropy sections

Environment Awareness

Reads the active computer name

External Systems

Found an IP/URL artifact that was identified as malicious by at least one reputation engine

General

Opened the service control manager

Requested access to a system service

Sends UDP traffic

Installation/Persistance

Creates new processes

Network Related

Detected increased number of ARP broadcast requests (network device lookup)

Found potential IP address in binary/memory

Remote Access Related

Contains a remote desktop related string

Unusual Characteristics

Entrypoint in PE header is within an uncommon section

Imports suspicious APIs

Installs hooks/patches the running process

Hiding 2 Suspicious Indicators

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

Contains ability to query the machine version

General

Contacts domains

Contacts server

Contains PDB pathways

Creates mutants

Spawns new processes

Installation/Persistance

Dropped files

Network Related

Found potential URL in binary/memory

Spyware/Information Retrieval

Found a reference to a known community page

File Details

All Details: Off

5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16

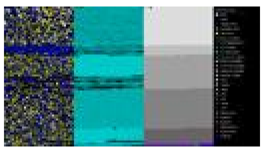
Filename	5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16
Size	928KiB (950368 bytes)
Type	pedll executable
Description	PE32 executable (DLL) (console) Intel 80386, for MS Windows
Architecture	WINDOWS
SHA256	5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16

Resources

Language	ENGLISH
Icon	

Visualization

Input File (PortEx)



File Sections

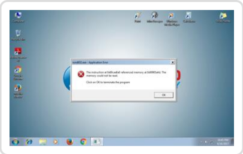
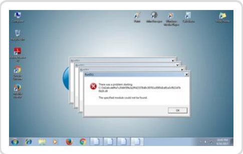
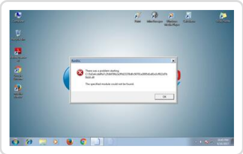
Name	Entropy	Virtual Address	Virtual Size	Raw Size	MD5	Characteristics
.text	6.61709581894	0x1000	0x3fb5b	0x3fc00	163c64599d79322c596724b07b8b1c3e	-
.rdata	6.04819112895	0x41000	0x1044e	0x10600	882510633f1de7ca620f954d9d938b2b	-
.data	7.31579510315	0x52000	0x5bd24	0x38400	a4d961e6ca1372e2db7394a9a9f313af	-

File Imports

ADVAPI32.dll AVICAP32.dll DNSAPI.dll GDI32.dll IPHLPAPI.DLL KERNEL32.dll MPR.dll
NETAPI32.dll ole32.dll PSAPI.DLL SHELL32.dll SHLWAPI.dll USER32.dll USERENV.dll
WININET.dll WS2_32.dll WTSAPI32.dll

GetServiceDisplayNameA

Screenshots

Hybrid Analysis

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

Analysed 12 processes in total (System Resource Monitor).

<Ignored Process>
- rundll32.exe C:\5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16.dll",zxFunction001" (PID: 3988)
- rundll32.exe C:\5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16.dll",DebugHelp" (PID: 3996)
- rundll32.exe C:\5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16.dll",ShellMainThread" (PID: 3928) ⇄
- rundll32.exe C:\5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16.dll",DllMain" (PID: 4068)
- rundll32.exe C:\5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16.dll",Install" (PID: 2220)
  - sc.exe sc failure Ntmssvc reset= 0 actions= restart/0 (PID: 324) >_
- rundll32.exe C:\5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16.dll",RemoteDiskXXXXX" (PID: 1016)
- rundll32.exe C:\5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16.dll",HideLibrary" (PID: 2508)
- rundll32.exe C:\5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16.dll",ShellMain" (PID: 3008)
- rundll32.exe C:\5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16.dll",doAction_CreateThread" (PID: 3160)
- rundll32.exe C:\5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16.dll",UnInstall" (PID: 3044)
- rundll32.exe C:\5d2a4cde9fa7c2fdbf39b2e2ffd23378d0c50701a3095d1e91e3cf922d7b0b16.dll",zxFunction002" (PID: 3800)

Logged Script Calls	>_ Logged Stdout	Extracted Streams	Memory Dumps
Reduced Monitoring	⇄ Network Activityy	⚠ Network Error	Multiscan Match

Network Analysis

DNS Requests

Login to Download DNS Requests (CSV)

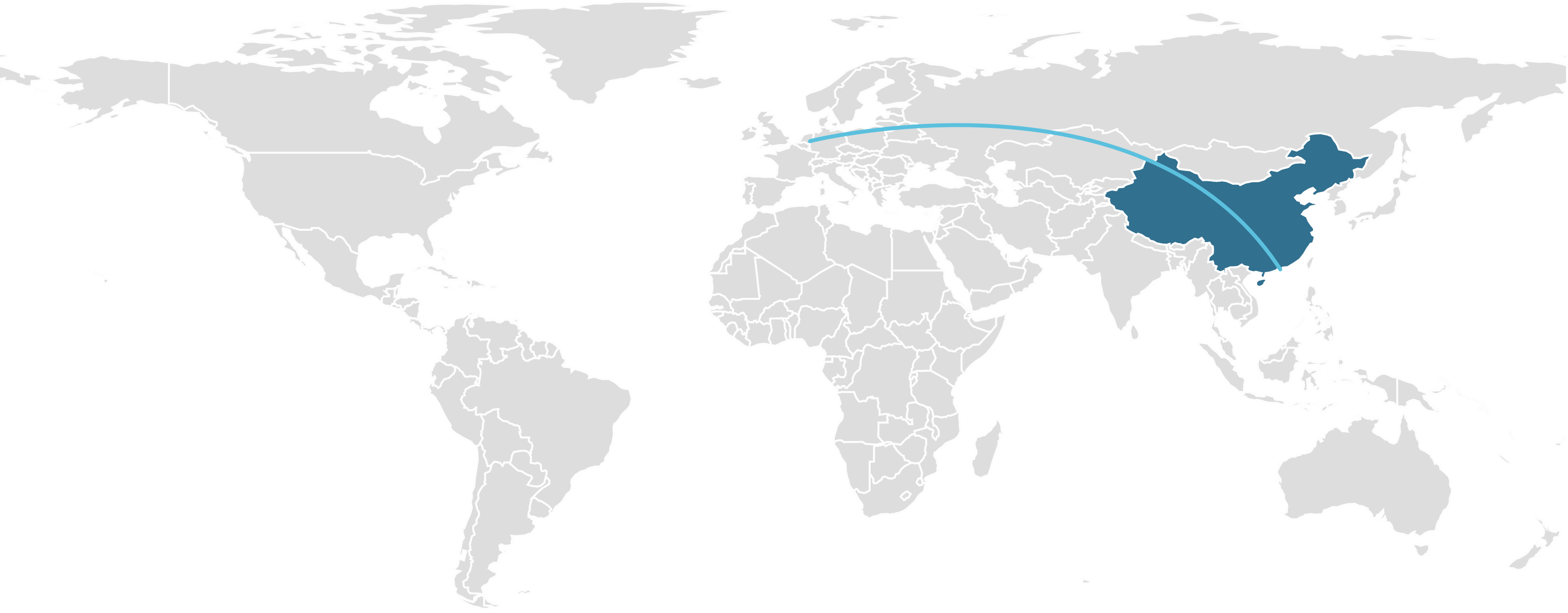
```
WEQtN19.enI3REcmOSc-IC
EnJj43VEdCLSYnIyE3WI9tO
0VWWi0lJyMgWlU=,<Root
>,<Root>,<Root>,<Root>,<
Root>,<Root>,<Root>,<Roo
t>,<Root>,<Root>,<Root>,<
Root>,<Root>,<Root>,<Roo
t>,<Root>,<Root>,<Root>,<
Root>,<Root>,<Root>,<Roo
t>,<Root>,<Root>,<Root>,<
```

Contacted Hosts

Login to Download Contacted Hosts (CSV)

IP Address	Port/Protocol	Associated Process	Details
103.224.81.159 OSINT	21 TCP	rundll32.exe PID: 3928 svchost.exe PID: 2096	China ASN: 24544 (Pang International Limited-AS number)
103.224.81.159 OSINT	53 UDP	rundll32.exe PID: 3928 svchost.exe PID: 2096	China ASN: 24544 (Pang International Limited-AS number)
103.224.81.159 OSINT	25 TCP	rundll32.exe PID: 3928 svchost.exe PID: 2096	China ASN: 24544 (Pang International Limited-AS number)
103.224.81.159 OSINT	53 TCP	rundll32.exe PID: 3928 svchost.exe PID: 2096	China ASN: 24544 (Pang International Limited-AS number)

Contacted Countries



HTTP Traffic

No relevant HTTP requests were made.

Memory Forensics

String	Context	Stream UID
www.222.com	Domain/IP reference	20785-5059-3200FD1D

61.8.9.28	Domain/IP reference	20785-6650-3200A2B7
www.333.com	Domain/IP reference	20785-5059-3200FD1D
www.google.com	Domain/IP reference	20785-4432-32017E1E
www.555.com	Domain/IP reference	20785-5059-3200FD1D
http://www.facebook.com/comment/update.ex	Domain/IP reference	20785-4599-3200FF68

Suricata Alerts

Event	Category	Description	SID
local -> 103.224.81.159:53 (UDP)	Potential Corporate Privacy Violation	ET DNS Non-DNS or Non-Compliant DNS traffic on DNS port Opcode 8 through 15 set	2014702
local -> 103.224.81.159:53 (UDP)	Potential Corporate Privacy Violation	ET DNS Non-DNS or Non-Compliant DNS traffic on DNS port Opcode 8 through 15 set	2014702
local -> 103.224.81.159:53 (UDP)	Potential Corporate Privacy Violation	ET DNS Non-DNS or Non-Compliant DNS traffic on DNS port Opcode 8 through 15 set	2014702

ℹ ET rules applied using Suricata. Find out more about proofpoint ET Intelligence here.

Extracted Strings

Search All Details: Off

Download All Memory Strings (7.9KiB)

All Strings (2094) Interesting (860) 5d2a4cde9fa7c2fdbf39b2... PCAP (5) rundll32.exe (11)

rundll32.exe:1016 (2) rundll32.exe:2220 (5) rundll32.exe:3008 (26) rundll32.exe:3928 (16)

rundll32.exe:3988 (49) rundll32.exe:3996 (1) sc.exe (1) sc.exe:324 (2)

```
!"#$%&'()*+,-./0123456789:;<=>?@abcdefghijklmnopqrstuvwxyz[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`ABCDEFGHIJKLMNOPQRSTUVWXYZ{|}~
!This program cannot be run in DOS mode.$
"%SystemRoot%\System32\svchost.exe -k netsvcs"
"==>" Parameter Description.List of commands:Help | ? -->Show helpPs ==>Processgetcmmd ==>get a cmd ==> example:getcmmd or getcmmd cmdpathSC ==>ServicesShareS
"==>" Parameter Description.List of commands:Help | ? -->Show helpPs ==>Processgetcmmd ==>get a cmd ==> example:getcmmd or getcmmd cmdpathSC ==>ServicesShareShell ==>Show a ShellSysinfo -->SystemInfoUser ==>Account Management SystemZXNC ==>NCZXFtpServer ==>FTP serverTFtp ==>TFTP clientZXHttpProxy ==>HTTP proxy serverZXHttpServer ==>HTTP serverZXSockProxy ==>Socks 4 & 5 proxyFileTime ==>Cloning of a file time informationSpecifiedPort ==>Config PortRemarks ==>RemarksZXPlug ==>PlugUserOnline ==>change the power(access a logged user of remote disks)AddHosts ==>add hostsDownFile ==>down a file from internet
```

Extracted Files

Informative 1

Description	ASCII text, with no line terminators
Runtime Process	rundll32.exe (PID: 3928)
MD5	69504a4cf4917047dd147a85801b2bcf
SHA1	3daeef524043ba72f80b454a00b541c4b6b292c4
SHA256	6503da3e1da89340551ed1da219053121c081ab42f2840dfb1752f40690f44d5

Notifications

Runtime

Community

There are no community comments.

You must be logged in to submit a comment.