fafa.exe

Is DLL | Packer | Anti Debug | Anti VM | Signed | XOR

MalFamily: Loki **MalScore: 100**

File type:	PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows
File size:	523.00 KB (535552 bytes)
Compile time:	2017-11-30 10:35:47
MD5:	c7e720bc4139039b5d27323d451f5347
SHA1:	cf88b002777f119c32a3efb9b0656abc18cf6888
Import hash:	f34d5f2d4577ed6d9ceec516c1f5a744
Submitted:	2017-12-04 17:00:03

URL(s) file hosting

http://pelli.mzf.cz/fafa.exe

Antivirus Report

Report date	Detection Ratio	Permalink
2017-12-04 11:26:39	36/67	

Import library

mscoree.dll

18 Behaviors detected by system signatures

Created network traffic indicative of malicious activity

- signature: ET TROJAN Loki Bot User-Agent (Charon/Inferno)

- signature: ET TROJAN Loki Bot Request for C2 Commands Detected M1
- signature: ET TROJAN Loki Bot Application/Credential Data Exfiltration Detected M1
- signature: ET TROJAN Loki Bot Application/Credential Data Exfiltration Detected M2
- signature: ET TROJAN Loki Bot Request for C2 Commands Detected M2

Collects information to fingerprint the system

Attempts to modify or disable Security Center warnings

Harvests information related to installed mail clients

- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000003
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000002
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000001
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\8503020000000000c000000000000046\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\7d19c9e894f20d4780a31c9a9f17da11
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9207f3e0a3b11019908b08002b2a56c2
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\00471e98b7a362469ed97e3915fd4111
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000003\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\{D9734F19-8CFB-411D-BC59-833E334FCB5E}
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\f86ed2903a4a11cfb57e524153480001\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\10b0e4d6eb1de34dabd532a0806a0fec\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\818ecc2f310b344f807e8af5dc013189\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\192e64c97bf3a54488a039619c763627
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\32a3dc9c400a4b448b60ab7fe553a392\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\32a3dc9c400a4b448b60ab7fe553a392
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\{D9734F19-8CFB-411D-BC59-833E334FCB5E}\Calendar Summary
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000002\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\3517490d76624c419a828607e2a54604
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\818ecc2f310b344f807e8af5dc013189
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\00000001\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\8503020000000000c000000000000046
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\43e0bb79f0f2d84db98ff4f730d23d24
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9207f3e0a3b11019908b08002b2a56c2\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\7760e21103136b47946c9c80fa097f15

- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\{D9734F19-8CFB-411D-BC59-833E334FCB5E}\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\0a0d020000000000c000000000000046\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\13dbb0c8aa05101a9bb000aa002fc45a
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\6a50d9bd87f9a8478751861a1591a6c2
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\6a50d9bd87f9a8478751861a1591a6c2\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\192e64c97bf3a54488a039619c763627\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\10b0e4d6eb1de34dabd532a0806a0fec
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\0a0d020000000000c000000000000046
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\ddb0922fc50b8d42be5a821ede840761\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\ddb0922fc50b8d42be5a821ede840761
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\f86ed2903a4a11cfb57e524153480001
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\7d19c9e894f20d4780a31c9a9f17da11\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\13dbb0c8aa05101a9bb000aa002fc45a\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\7760e21103136b47946c9c80fa097f15\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\{D9734F19-8CFB-411D-BC59-833E334FCB5E}\Calendar Summary\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\43e0bb79f0f2d84db98ff4f730d23d24\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\00471e98b7a362469ed97e3915fd4111\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\3517490d76624c419a828607e2a54604\Email
- key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Outlook\Profiles\Outlook
- key: HKEY_CURRENT_USER\Software\Microsoft\Office\15.0\Outlook\Profiles\Outlook

Harvests information related to installed instant messenger clients

- file: C:\Users\Seven01\AppData\Roaming\.purple\accounts.xml

Harvests credentials from local FTP client softwares

- file: C:\Users\Seven01\AppData\Roaming\FileZilla\sitemanager.xml
- file: C:\Users\Seven01\AppData\Roaming\FileZilla\recentservers.xml
- file: C:\Users\Seven01\AppData\Roaming\Far Manager\Profile\PluginsData\42E4AEB1-A230-44F4-B33C-F195BB654931.db
- file: C:\Program Files (x86)\FTPGetter\Profile\servers.xml
- file: C:\Users\Seven01\AppData\Roaming\FTPGetter\servers.xml
- file: C:\Users\Seven01\AppData\Roaming\Estsoft\ALFTP\ESTdb2.dat
- key: HKEY_CURRENT_USER\Software\Far\Plugins\FTP\Hosts
- key: HKEY_CURRENT_USER\Software\Far2\Plugins\FTP\Hosts
- key: HKEY_CURRENT_USER\Software\Ghisler\Total Commander
- key: HKEY_CURRENT_USER\Software\LinasFTP\Site Manager

Creates a copy of itself

- copy: C:\Users\Seven01\AppData\Roaming\E62877\73E4A9.exe

Creates a hidden or system file

- file: C:\Users\Seven01\AppData\Roaming\E62877\73E4A9.exe
- file: C:\Users\Seven01\AppData\Roaming\E62877

Installs itself for autorun at Windows startup

- key: HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run\Update
- data: cmd /c type C:\Users\Seven01\AppData\Local\Temp\Update.txt | cmd

Attempts to repeatedly call a single API many times in order to delay analysis time

- Spam: services.exe (492) called API GetSystemTimeAsFileTime 3151945 times

Queries information on disks, possibly for anti-virtualization

Executed a process and injected code into it, probably while unpacking

- Injection: kime.exe(2880) -> kime.exe(2052)

The binary likely contains encrypted or compressed data.

- section: name: .text, entropy: 7.98, characteristics: IMAGE_SCN_CNT_CODE|IMAGE_SCN_MEM_EXECUTE|IMAGE_SCN_MEM_READ, raw_size: 0x0005e400, virtual_size: 0x0005e2f4
- section: name: .rsrc, entropy: 7.89, characteristics: IMAGE_SCN_CNT_INITIALIZED_DATA|IMAGE_SCN_MEM_READ, raw_size: 0x00024400, virtual_size: 0x00024400

Performs some HTTP requests

- url: http://allstroyka.by/plugins/five/fre.php

HTTP traffic contains suspicious features which may be indicative of malware related traffic

- post_no_referer: HTTP traffic contains a POST request with no referer header
- http_version_old: HTTP traffic uses version 1.0
- suspicious_request: http://allstroyka.by/plugins/five/fre.php

A process created a hidden window

- Process: fafa.exe -> "cmd"
- Process: kime.exe -> "cmd"

A process attempted to delay the analysis task.

- Process: kime.exe tried to sleep 722 seconds, actually delayed analysis time by 0 seconds
- Process: sppsvc.exe tried to sleep 300 seconds, actually delayed analysis time by 0 seconds

Creates RWX memory

2 HTTP Request(s) detected

http://allstroyka.by/plugins/five/fre.php
Hostname: allstroyka.by
IP Address: 93.125.99.83
Port: 80
Count: 2

http://allstroyka.by/plugins/five/fre.php
Hostname: allstroyka.by

IP Address: 93.125.99.83
Port: 80
Count: 13