



ID: 387666
Sample Name:
faktura_ODfk0021.exe
Cookbook: default.jbs
Time: 14:02:16
Date: 15/04/2021
Version: 31.0.0 Emerald

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Analysis Report faktura_ODfk0021.exe

Overview

General Information

| | |
|------------------------------|----------------------|
| Sample Name: | faktura_ODfk0021.exe |
| Analysis ID: | 387666 |
| MD5: | b7b1644fce14205. |
| SHA1: | 4cbfa9cf4b8dc27... |
| SHA256: | f760c40ea4cca84.. |
| Infos: | |
| Most interesting Screenshot: | |

Detection



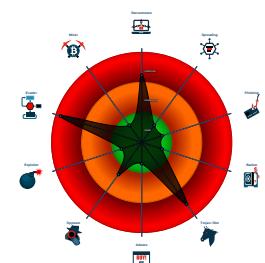
AgentTesla GuLoader

| | |
|--------------|---------|
| Score: | 100 |
| Range: | 0 - 100 |
| Whitelisted: | false |
| Confidence: | 100% |

Signatures

- Found malware configuration
- Potential malicious icon found
- Yara detected AgentTesla
- Yara detected GuLoader
- C2 URLs / IPs found in malware con...
- Contains functionality to detect hard...
- Detected RDTSC dummy instruction...
- Hides threads from debuggers
- Queries sensitive BIOS Information ...
- Queries sensitive network adapter in...
- Tries to detect Any.run
- Tries to detect sandboxes and other...

Classification



Startup

- System is w10x64
- faktura_ODfk0021.exe (PID: 3784 cmdline: 'C:\Users\user\Desktop\faktura_ODfk0021.exe' MD5: B7B1644FCE14205ACECB822DF95749A)
 - RegAsm.exe (PID: 6328 cmdline: 'C:\Users\user\Desktop\faktura_ODfk0021.exe' MD5: 6FD7592411112729BF6B1F2F6C34899F)
 - conhost.exe (PID: 6336 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
- cleanup

Malware Configuration

Threatname: GuLoader

```
{  
  "Payload URL": "https://drive.google.com/uc?export=download&id=1aKE_k9PJVE2kZn5sEN4ZiJNhonuPIbPw",  
  "Injection Process": [  
    "RegAsm.exe",  
    "RegSvcs.exe",  
    "MSBuild.exe"  
  ]  
}
```

Yara Overview

Memory Dumps

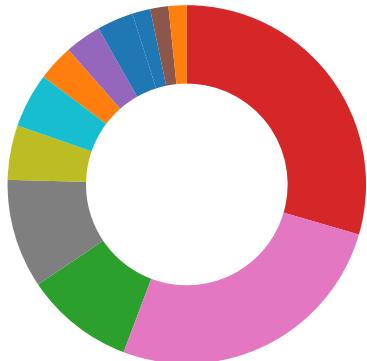
| Source | Rule | Description | Author | Strings |
|-------------------------------------------------------------------------|-------------------------------|----------------------------------|--------------|---------|
| 00000003.00000002.499283716.000000001DA1 1000.00000004.00000001.sdmp | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla | Joe Security | |
| 00000003.00000002.499283716.000000001DA1 1000.00000004.00000001.sdmp | JoeSecurity_CredentialStealer | Yara detected Credential Stealer | Joe Security | |
| 00000003.00000002.491326318.000000000C2 1000.00000040.00000001.sdmp | JoeSecurity_GuLoader | Yara detected GuLoader | Joe Security | |
| Process Memory Space: RegAsm.exe PID: 6328 | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla | Joe Security | |

| Source | Rule | Description | Author | Strings |
|--------------------------------------------|-------------------------------|----------------------------------|--------------|---------|
| Process Memory Space: RegAsm.exe PID: 6328 | JoeSecurity_CredentialStealer | Yara detected Credential Stealer | Joe Security | |
| Click to see the 1 entries | | | | |

Sigma Overview

No Sigma rule has matched

Signature Overview



- AV Detection
- Compliance
- Networking
- System Summary
- Data Obfuscation
- Hooking and other Techniques for Hiding and Protection
- Malware Analysis System Evasion
- Anti Debugging
- HIPS / PFW / Operating System Protection Evasion
- Language, Device and Operating System Detection
- Stealing of Sensitive Information
- Remote Access Functionality

Click to jump to signature section

AV Detection:



Found malware configuration

Networking:



C2 URLs / IPs found in malware configuration

System Summary:



Potential malicious icon found

Data Obfuscation:



Yara detected GuLoader

Malware Analysis System Evasion:



Contains functionality to detect hardware virtualization (CPUID execution measurement)

Detected RDTSC dummy instruction sequence (likely for instruction hammering)

Queries sensitive BIOS Information (via WMI, Win32_Bios & Win32_BaseBoard, often done to detect virtual machines)

Queries sensitive network adapter information (via WMI, Win32_NetworkAdapter, often done to detect virtual machines)

Tries to detect Any.run

Tries to detect sandboxes and other dynamic analysis tools (process name or module or function)

Tries to detect virtualization through RDTSC time measurements

Anti Debugging:



Hides threads from debuggers

HIPS / PFW / Operating System Protection Evasion:



Writes to foreign memory regions

Stealing of Sensitive Information:



Yara detected AgentTesla

Remote Access Functionality:

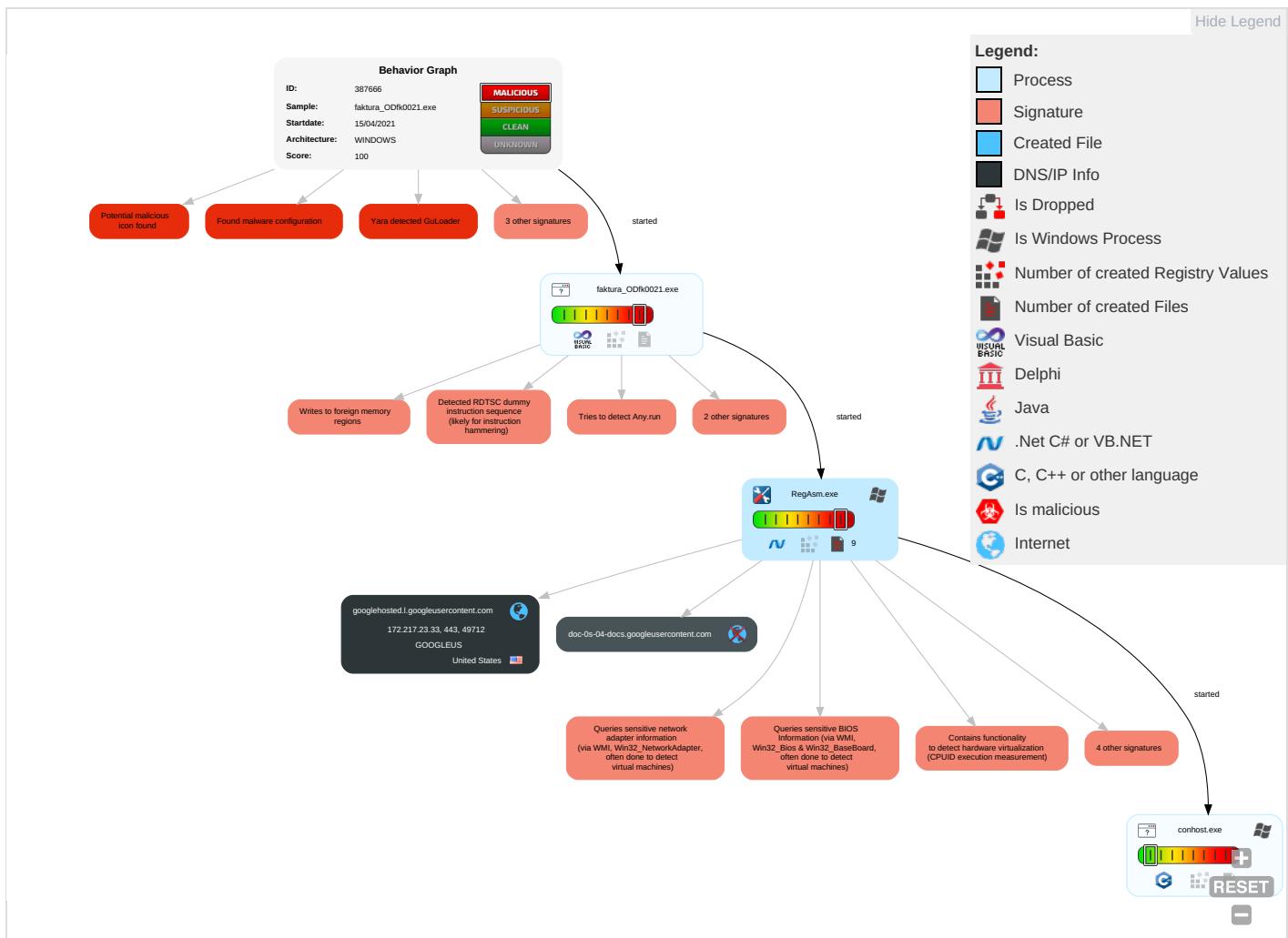


Yara detected AgentTesla

Mitre Att&ck Matrix

| Initial Access | Execution | Persistence | Privilege Escalation | Defense Evasion | Credential Access | Discovery | Lateral Movement | Collection | Exfiltration | Command and Control |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------|
| Valid Accounts | Windows Management Instrumentation 2 1 1 | DLL Side-Loading 1 | Process Injection 1 1 2 | Disable or Modify Tools 1 | OS Credential Dumping | Security Software Discovery 7 3 1 | Remote Services | Archive Collected Data 1 | Exfiltration Over Other Network Medium | Encrypted Channel 1 2 |
| Default Accounts | Scheduled Task/Job | Boot or Logon Initialization Scripts | DLL Side-Loading 1 | Virtualization/Sandbox Evasion 3 4 1 | LSASS Memory | Process Discovery 2 | Remote Desktop Protocol | Data from Removable Media | Exfiltration Over Bluetooth | Non-Application Layer Protocol 1 |
| Domain Accounts | At (Linux) | Logon Script (Windows) | Logon Script (Windows) | Process Injection 1 1 2 | Security Account Manager | Virtualization/Sandbox Evasion 3 4 1 | SMB/Windows Admin Shares | Data from Network Shared Drive | Automated Exfiltration | Application Layer Protocol 1 2 |
| Local Accounts | At (Windows) | Logon Script (Mac) | Logon Script (Mac) | Obfuscated Files or Information 1 | NTDS | Application Window Discovery 1 | Distributed Component Object Model | Input Capture | Scheduled Transfer | Protocol Impersonation |
| Cloud Accounts | Cron | Network Logon Script | Network Logon Script | DLL Side-Loading 1 | LSA Secrets | Remote System Discovery 1 | SSH | Keylogging | Data Transfer Size Limits | Fallback Channels |
| Replication Through Removable Media | Launchd | Rc.common | Rc.common | Steganography | Cached Domain Credentials | System Information Discovery 4 2 3 | VNC | GUI Input Capture | Exfiltration Over C2 Channel | Multiband Communication |

Behavior Graph

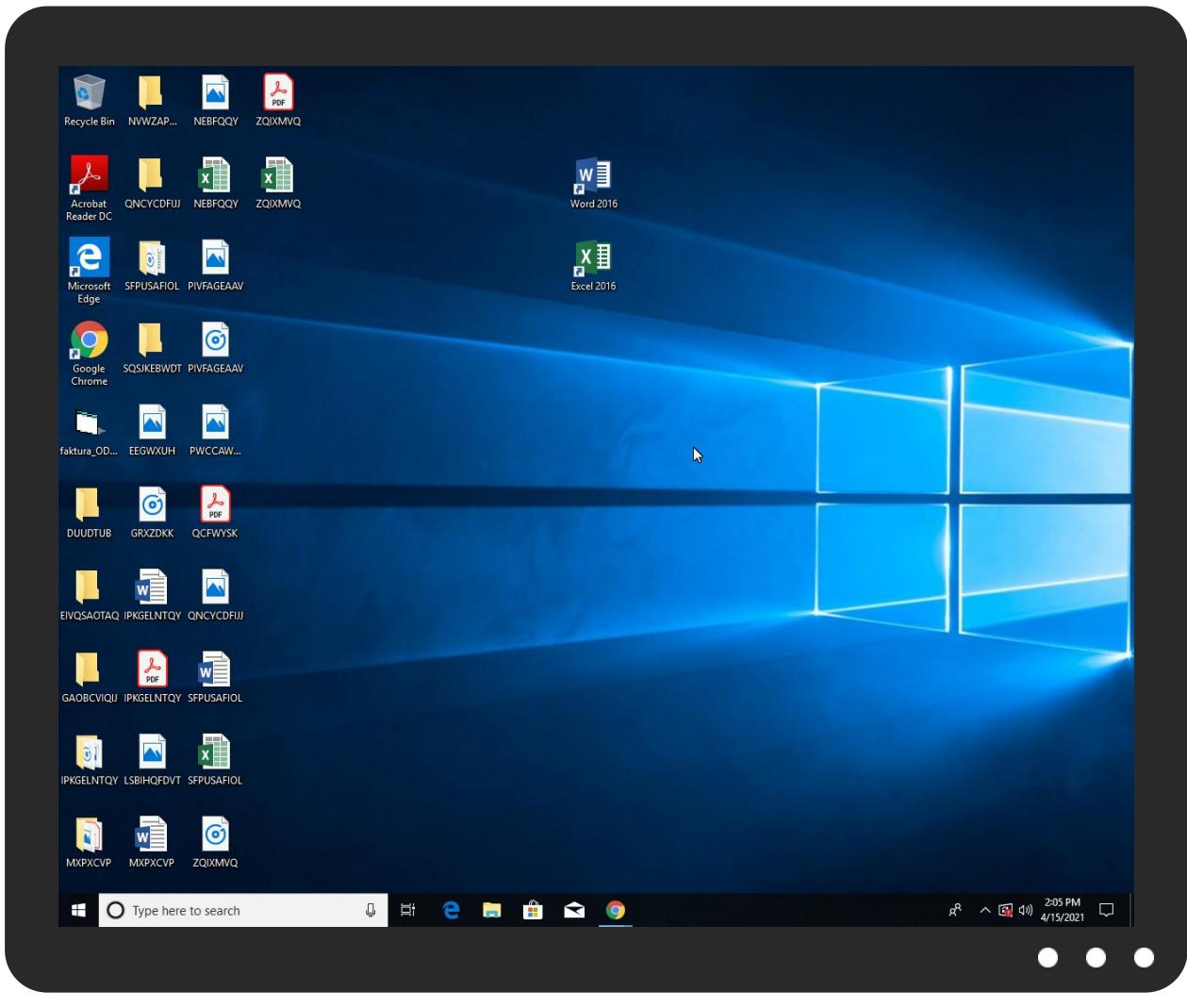


Screenshots

Thumbnails

This section contains all screenshots as thumbnails, including those not shown in the slideshow.





Antivirus, Machine Learning and Genetic Malware Detection

Initial Sample

| Source | Detection | Scanner | Label | Link |
|----------------------|-----------|---------------|-----------------|------|
| faktura_ODfk0021.exe | 9% | ReversingLabs | Win32.Worm.Wbvb | |

Dropped Files

No Antivirus matches

Unpacked PE Files

No Antivirus matches

Domains

No Antivirus matches

URLs

| Source | Detection | Scanner | Label | Link |
|-------------------------------------------------------------------|-----------|-----------------|-------|------|
| http://127.0.0.1:HTTP/1.1 | 0% | Avira URL Cloud | safe | |
| http://DynDns.comDynDNS | 0% | URL Reputation | safe | |
| http://DynDns.comDynDNS | 0% | URL Reputation | safe | |
| http://DynDns.comDynDNS | 0% | URL Reputation | safe | |

| Source | Detection | Scanner | Label | Link |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|-------|------|
| http://pki.goog/gsr2/GTS1O1.crt0 | 0% | URL Reputation | safe | |
| http://pki.goog/gsr2/GTS1O1.crt0 | 0% | URL Reputation | safe | |
| http://pki.goog/gsr2/GTS1O1.crt0 | 0% | URL Reputation | safe | |
| http://zQsfOZ.com | 0% | Avira URL Cloud | safe | |
| http://crl.pki.goog/gsr2/crl0? | 0% | URL Reputation | safe | |
| http://crl.pki.goog/gsr2/crl0? | 0% | URL Reputation | safe | |
| http://crl.pki.goog/gsr2/crl0? | 0% | URL Reputation | safe | |
| http://https://pki.goog/repository/0 | 0% | URL Reputation | safe | |
| http://https://pki.goog/repository/0 | 0% | URL Reputation | safe | |
| http://https://pki.goog/repository/0 | 0% | URL Reputation | safe | |
| http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha | 0% | URL Reputation | safe | |
| http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha | 0% | URL Reputation | safe | |
| http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha | 0% | URL Reputation | safe | |
| http://crl.pki.goog/GTS1O1core.crl0 | 0% | URL Reputation | safe | |
| http://crl.pki.goog/GTS1O1core.crl0 | 0% | URL Reputation | safe | |
| http://crl.pki.goog/GTS1O1core.crl0 | 0% | URL Reputation | safe | |

Domains and IPs

Contacted Domains

| Name | IP | Active | Malicious | Antivirus Detection | Reputation |
|--------------------------------------|---------------|---------|-----------|---------------------|------------|
| googlehosted.l.googleusercontent.com | 172.217.23.33 | true | false | | high |
| doc-0s-04-docs.googleusercontent.com | unknown | unknown | false | | high |

URLs from Memory and Binaries

| Name | Source | Malicious | Antivirus Detection | Reputation |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------|------------|
| http://127.0.0.1:HTTP/1.1 | RegAsm.exe, 00000003.00000002.499283716.000000001DA11000.000004.00000001.sdmp | false | • Avira URL Cloud: safe | low |
| http://DynDns.comDynDNS | RegAsm.exe, 00000003.00000002.499283716.000000001DA11000.000004.00000001.sdmp | false | • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe | unknown |
| http://pki.goog/gsr2/GTS1O1.crt0 | RegAsm.exe, 00000003.00000002.491961756.000000000FFA000.000004.00000020.sdmp | false | • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe | unknown |
| http://https://doc-0s-04-docs.googleusercontent.com/docs/securesc/ha0ro937gcuc7l7deffksulhg5h7mbp1/uq2l008j | RegAsm.exe, 00000003.00000002.491961756.000000000FFA000.000004.00000020.sdmp | false | | high |
| http://zQsfOZ.com | RegAsm.exe, 00000003.00000002.499283716.000000001DA11000.000004.00000001.sdmp | false | • Avira URL Cloud: safe | unknown |
| http://crl.pki.goog/gsr2/crl0? | RegAsm.exe, 00000003.00000002.491961756.000000000FFA000.000004.00000020.sdmp | false | • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe | unknown |
| http://https://pki.goog/repository/0 | RegAsm.exe, 00000003.00000002.491961756.000000000FFA000.000004.00000020.sdmp | false | • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe | unknown |
| http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha | RegAsm.exe, 00000003.00000002.499283716.000000001DA11000.000004.00000001.sdmp | false | • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe | unknown |
| http://crl.pki.goog/GTS1O1core.crl0 | RegAsm.exe, 00000003.00000002.491961756.000000000FFA000.000004.00000020.sdmp | false | • URL Reputation: safe • URL Reputation: safe • URL Reputation: safe | unknown |

Contacted IPs



Public

| IP | Domain | Country | Flag | ASN | ASN Name | Malicious |
|---------------|--------------------------------------|---------------|------|-------|----------|-----------|
| 172.217.23.33 | googlehosted.l.googleusercontent.com | United States | 🇺🇸 | 15169 | GOOGLEUS | false |

General Information

| | |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Joe Sandbox Version: | 31.0.0 Emerald |
| Analysis ID: | 387666 |
| Start date: | 15.04.2021 |
| Start time: | 14:02:16 |
| Joe Sandbox Product: | CloudBasic |
| Overall analysis duration: | 0h 6m 14s |
| Hypervisor based Inspection enabled: | false |
| Report type: | light |
| Sample file name: | faktura_ODfk0021.exe |
| Cookbook file name: | default.jbs |
| Analysis system description: | Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211 |
| Number of analysed new started processes analysed: | 27 |
| Number of new started drivers analysed: | 0 |
| Number of existing processes analysed: | 0 |
| Number of existing drivers analysed: | 0 |
| Number of injected processes analysed: | 0 |
| Technologies: | <ul style="list-style-type: none"> • HCA enabled • EGA enabled • HDC enabled • AMSI enabled |
| Analysis Mode: | default |
| Analysis stop reason: | Timeout |
| Detection: | MAL |
| Classification: | mal100.rans.troj.evad.winEXE@4/0@1/1 |
| EGA Information: | Failed |

| | |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HDC Information: | <ul style="list-style-type: none"> Successful, ratio: 17% (good quality ratio 7.2%) Quality average: 25.8% Quality standard deviation: 32% |
| HCA Information: | <ul style="list-style-type: none"> Successful, ratio: 94% Number of executed functions: 0 Number of non-executed functions: 0 |
| Cookbook Comments: | <ul style="list-style-type: none"> Adjust boot time Enable AMSI Found application associated with file extension: .exe |
| Warnings: | Show All <ul style="list-style-type: none"> Exclude process from analysis (whitelisted): taskhostw.exe, MpCmdRun.exe, BackgroundTransferHost.exe, SgrmBroker.exe, backgroundTaskHost.exe, conhost.exe, svchost.exe, wuapihost.exe TCP Packets have been reduced to 100 Excluded IPs from analysis (whitelisted): 131.253.33.200, 13.107.22.200, 20.8.210.154, 40.88.32.150, 92.122.145.220, 92.122.144.200, 13.64.90.137, 172.217.20.238, 52.255.188.83, 2.20.143.16, 2.20.142.210, 51.103.5.186, 104.43.193.48, 23.32.238.234, 23.32.238.177, 52.155.217.156, 20.54.26.129 Excluded domains from analysis (whitelisted): au.download.windowsupdate.com.edgesuite.net, arc.msn.com.nsatc.net, store-images.s-microsoft.com-c.edgekey.net, fs-wildcard.microsoft.com.edgekey.net, fs-wildcard.microsoft.com.edgekey.net.globalredir.aka dns.net, a1449.dscg2.akamai.net, arc.msn.com, consumerrp-displaycatalog-aks2eap-europe.md.mp.microsoft.com.akadns.net, db5eap.displaycatalog.md.mp.microsoft.com.akadns.net, skypedataprdcleus15.cloudapp.net, e12564.dsdp.akamaiedge.net, wns.notify.trafficmanager.net, www-bing-com.dual-a-0001.a-msedge.net, audownload.windowsupdate.nsatc.net, arc.trafficmanager.net, drive.google.com, displaycatalog.mp.microsoft.com, watson.telemetry.microsoft.com, img-prod-cms-rt-microsoft-com.akamaized.net, prod.fs.microsoft.com.akadns.net, consumerrp-displaycatalog-aks2eap.md.mp.microsoft.com.akadns.net, au-bg-shim.trafficmanager.net, www.bing.com, displaycatalog-europeeap.md.mp.microsoft.com.akadns.net, skypedataprdcollus17.cloudapp.net, client.wns.windows.com, fs.microsoft.com, displaycatalog-rp-europe.md.mp.microsoft.com.akadns.net, ris-prod.trafficmanager.net, e1723.g.akamaiedge.net, ctdl.windowsupdate.com, a767.dscg3.akamai.net, skypedataprdcucus15.cloudapp.net, dual-a-0001.dc-msedge.net, ris.api.iris.microsoft.com, skypedataprdcleus17.cloudapp.net, a-0001.afdentry.net.trafficmanager.net, store-images.s-microsoft.com, blobcollector.events.data.trafficmanager.net, displaycatalog-rp.md.mp.microsoft.com.akadns.net Report size getting too big, too many NtOpenKeyEx calls found. Report size getting too big, too many NtProtectVirtualMemory calls found. Report size getting too big, too many NtQueryValueKey calls found. VT rate limit hit for: /opt/package/joesandbox/database/analysis/387666/sample/faktura_ODfk0021.exe |

Simulations

Behavior and APIs

| Time | Type | Description |
|----------|-----------------|--------------------------------------------------|
| 14:03:56 | API Interceptor | 543x Sleep call for process: RegAsm.exe modified |

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASN

No context

JA3 Fingerprints

| Match | Associated Sample Name / URL | SHA 256 | Detection | Link | Context |
|----------------------------------|--------------------------------------------------------------------------------------|----------|-----------|--------|-----------------|
| 37f463bf4616ecd445d4a1937da06e19 | documents-1865367136.xlsb | Get hash | malicious | Browse | • 172.217.23.33 |
| | documents-1522654785.xlsb | Get hash | malicious | Browse | • 172.217.23.33 |
| | documents-1988650417.xlsb | Get hash | malicious | Browse | • 172.217.23.33 |
| | documents-852304211.xlsb | Get hash | malicious | Browse | • 172.217.23.33 |
| | Tooligram_PRO.exe | Get hash | malicious | Browse | • 172.217.23.33 |
| | documents-1884913828.xlsb | Get hash | malicious | Browse | • 172.217.23.33 |
| | documents-1097636918.xlsb | Get hash | malicious | Browse | • 172.217.23.33 |
| | documents-798055763.xlsb | Get hash | malicious | Browse | • 172.217.23.33 |
| | documents-590513756.xlsb | Get hash | malicious | Browse | • 172.217.23.33 |
| | #Ud83d#Udcde Bpost.be AudioMessage 59-20596.htm | Get hash | malicious | Browse | • 172.217.23.33 |
| | VoicePlayback (01_47) for steph.miller tsbbank .html | Get hash | malicious | Browse | • 172.217.23.33 |
| | Factura proforma, nuevo pedido.exe | Get hash | malicious | Browse | • 172.217.23.33 |
| | documents-1321106901.xlsb | Get hash | malicious | Browse | • 172.217.23.33 |
| | BR-424305.htm | Get hash | malicious | Browse | • 172.217.23.33 |
| | 0901e76c84536f06b_2500332020005403099_0901e76c4489e546f06b_250020214405500030995.WsF | Get hash | malicious | Browse | • 172.217.23.33 |
| | mail_6512365134_7863_20210413.html | Get hash | malicious | Browse | • 172.217.23.33 |
| | Cocha904.htm | Get hash | malicious | Browse | • 172.217.23.33 |
| | documents-1136727851.xlsb | Get hash | malicious | Browse | • 172.217.23.33 |
| | Lista comenzilor.exe | Get hash | malicious | Browse | • 172.217.23.33 |
| | documents-2136656015.xlsb | Get hash | malicious | Browse | • 172.217.23.33 |

Dropped Files

No context

Created / dropped Files

No created / dropped files found

Static File Info

General

| | |
|-----------------|---------------------------------------------------|
| File type: | PE32 executable (GUI) Intel 80386, for MS Windows |
| Entropy (8bit): | 5.82523235745994 |

General

| | |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TrID: | <ul style="list-style-type: none">• Win32 Executable (generic) a (10002005/4) 99.15%• Win32 Executable Microsoft Visual Basic 6 (82127/2) 0.81%• Generic Win/DOS Executable (2004/3) 0.02%• DOS Executable Generic (2002/1) 0.02%• Autodesk FLIC Image File (extensions: flic, fli, cel) (7/3) 0.00% |
| File name: | faktura_ODfk0021.exe |
| File size: | 73728 |
| MD5: | b7b1644fce14205acecbe822df95749a |
| SHA1: | 4cbfa9cf4b8dc27bf2b2a2463761092d5c2402e7 |
| SHA256: | f760c40ea4cca84e06c511f96c8d43525350e3f52c97c1baa30528d9c4fbfec |
| SHA512: | 8110f60d9c116b277a247b059099100afaf3ebf4fd9e685686c043b78119e2ebf3e5793128c6c607b992d231a92101956b4738a213e0ca6bf8f291d2e68a0a7e |
| SSDeep: | 1536:A35XCI Fvvl5WX5sdzUPgKYxVm18htRXPA:EXCIBl5zi1utFPA |
| File Content Preview: | MZ.....@.....!..L!Th is program cannot be run in DOS mode...\$.#.B...B ...B..L^...B...`...B..d...B..Rich.B.....PE..L....w`.....0.....@..... |

File Icon

| | |
|-----------------------------------------------------------------------------------|------------------|
|  | |
| Icon Hash: | 20047c7c70f0e004 |

Static PE Info

General

| | |
|-----------------------------|-------------------------------------------------------------------------------------------|
| Entrypoint: | 0x4015b4 |
| Entrypoint Section: | .text |
| Digitally signed: | false |
| Imagebase: | 0x400000 |
| Subsystem: | windows gui |
| Image File Characteristics: | LOCAL_SYMS_STRIPPED, 32BIT_MACHINE, EXECUTABLE_IMAGE, LINE_NUMS_STRIPPED, RELOCS_STRIPPED |
| DLL Characteristics: | |
| Time Stamp: | 0x6077DFAB [Thu Apr 15 06:39:39 2021 UTC] |
| TLS Callbacks: | |
| CLR (.Net) Version: | |
| OS Version Major: | 4 |
| OS Version Minor: | 0 |
| File Version Major: | 4 |
| File Version Minor: | 0 |
| Subsystem Version Major: | 4 |
| Subsystem Version Minor: | 0 |
| Import Hash: | fff80e017e94a979a89868fcc864e987 |

Entrypoint Preview

Instruction

```
push 0040179Ch
call 00007F21FCF8FE35h
add byte ptr [eax], al
add byte ptr [eax], al
add byte ptr [eax], al
xor byte ptr [eax], al
add byte ptr [eax], al
inc eax
add byte ptr [eax], al
add byte ptr [eax], al
add byte ptr [eax], al
add al, al
scasb
```


Instruction

```
dec esi
push esp
inc ebp
push edx
dec eax
inc ecx
dec esp
inc esi
inc edx
inc ecx
inc ebx
dec ebx
add byte ptr [42000B01h], cl
```

Data Directories

| Name | Virtual Address | Virtual Size | Is in Section |
|--------------------------------------|-----------------|--------------|---------------|
| IMAGE_DIRECTORY_ENTRY_EXPORT | 0x0 | 0x0 | |
| IMAGE_DIRECTORY_ENTRY_IMPORT | 0xf864 | 0x28 | .text |
| IMAGE_DIRECTORY_ENTRY_RESOURCE | 0x12000 | 0x8e0 | .rsrc |
| IMAGE_DIRECTORY_ENTRY_EXCEPTION | 0x0 | 0x0 | |
| IMAGE_DIRECTORY_ENTRY_SECURITY | 0x0 | 0x0 | |
| IMAGE_DIRECTORY_ENTRY_BASERELOC | 0x0 | 0x0 | |
| IMAGE_DIRECTORY_ENTRY_DEBUG | 0x0 | 0x0 | |
| IMAGE_DIRECTORY_ENTRY_COPYRIGHT | 0x0 | 0x0 | |
| IMAGE_DIRECTORY_ENTRY_GLOBALPTR | 0x0 | 0x0 | |
| IMAGE_DIRECTORY_ENTRY_TLS | 0x0 | 0x0 | |
| IMAGE_DIRECTORY_ENTRY_LOAD_CONFIG | 0x0 | 0x0 | |
| IMAGE_DIRECTORY_ENTRY_BOUND_IMPORT | 0x228 | 0x20 | |
| IMAGE_DIRECTORY_ENTRY_IAT | 0x1000 | 0x15c | .text |
| IMAGE_DIRECTORY_ENTRY_DELAY_IMPORT | 0x0 | 0x0 | |
| IMAGE_DIRECTORY_ENTRY_COM_DESCRIPTOR | 0x0 | 0x0 | |
| IMAGE_DIRECTORY_ENTRY_RESERVED | 0x0 | 0x0 | |

Sections

| Name | Virtual Address | Virtual Size | Raw Size | Xored PE | ZLIB Complexity | File Type | Entropy | Characteristics |
|-------|-----------------|--------------|----------|----------|-----------------|-----------|---------------|-------------------------------------------------------------------------------|
| .text | 0x1000 | 0xee24 | 0xf000 | False | 0.473046875 | data | 6.47418964724 | IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ |
| .data | 0x10000 | 0x12a8 | 0x1000 | False | 0.00634765625 | data | 0.0 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_WRITE, IMAGE_SCN_MEM_READ |
| .rsrc | 0x12000 | 0x8e0 | 0x1000 | False | 0.16552734375 | data | 1.93654602979 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ |

Resources

| Name | RVA | Size | Type | Language | Country |
|---------------|---------|-------|----------------------|----------|---------|
| RT_ICON | 0x127b0 | 0x130 | data | | |
| RT_ICON | 0x124c8 | 0x2e8 | data | | |
| RT_ICON | 0x123a0 | 0x128 | GLS_BINARY_LSB_FIRST | | |
| RT_GROUP_ICON | 0x12370 | 0x30 | data | | |
| RT_VERSION | 0x12150 | 0x220 | data | Chinese | Taiwan |

Imports

| DLL | Import |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MSVBVM60.DLL | _Clcos, _adj_fptan, __vbaVarMove, __vbaFreeVar, __vbaStrVarMove, __vbaFreeVarList, _adj_fdiv_m64, __vbaFreeObjList, _adj_fprem1, __vbaSetSystemError, __vbaHRESULTCheckObj, _adj_fdiv_m32, __vbaAryDestruct, __vbaObjSet, _adj_fdiv_m16i, __vbaObjSetAddref, _adj_fdivr_m16i, __vbaVarTstLt, __vbaFpR8, _Csin, __vbaChkstk, EVENT_SINK_AddRef, __vbaGenerateBoundsError, __vbaStrCmp, __vbaAryConstruct2, __vbaObjVar, DllFunctionCall, _adj_fptan, __vbaLateIdCallLd, EVENT_SINK_Release, _CIsqrt, EVENT_SINK_QueryInterface, __vbaExceptHandler, __vbaStrToUnicode, _adj_fprem, _adj_fdivr_m64, __vbaFPException, __vbaStrVarVal, _Clog, __vbaFileOpen, __vbaNew2, __vbaR8Str, _adj_fdiv_m32i, _adj_fdivr_m32i, __vbaStrCopy, __vbaFreeStrList, _adj_fdivr_m32, _adj_fdiv_r, __vbaVarTstNe, __vba4Var, __vbaVarAdd, __vbaLateMemCall, __vbaStrToAnsi, __vbaVarDup, __vbaFpI4, _Clatan, __vbaStrMove, __vbaCastObj, _allmul, __vbaLateIdSt, _Citan, _Clexp, __vbaFreeObj, __vbaFreeStr |

Version Infos

| Description | Data |
|------------------|---------------|
| Translation | 0x0404 0x04b0 |
| InternalName | Cass7 |
| FileVersion | 1.00 |
| CompanyName | ADP |
| ProductName | ADP |
| ProductVersion | 1.00 |
| FileDescription | ADP |
| OriginalFilename | Cass7.exe |

Possible Origin

| Language of compilation system | Country where language is spoken | Map |
|--------------------------------|----------------------------------|-------------------------------------------------------------------------------------|
| Chinese | Taiwan |  |

Network Behavior

Network Port Distribution



TCP Packets

| Timestamp | Source Port | Dest Port | Source IP | Dest IP |
|--------------------------------------|-------------|-----------|-------------|---------------|
| Apr 15, 2021 14:03:48.110661030 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.110769033 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.111541986 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.156805038 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.170378923 CEST | 49712 | 443 | 192.168.2.7 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.170437098 CEST | 49712 | 443 | 192.168.2.7 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.170475006 CEST | 49712 | 443 | 192.168.2.7 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.170511961 CEST | 49712 | 443 | 192.168.2.7 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.170531034 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.170556068 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.170574903 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.181966066 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.225636959 CEST | 49712 | 443 | 192.168.2.7 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.225717068 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.227636099 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.275768995 CEST | 49712 | 443 | 192.168.2.7 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.827013969 CEST | 49712 | 443 | 192.168.2.7 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.827038050 CEST | 49712 | 443 | 192.168.2.7 | 192.168.2.7 |

| Timestamp | Source Port | Dest Port | Source IP | Dest IP |
|--------------------------------------|-------------|-----------|---------------|---------------|
| Apr 15, 2021 14:03:48.827056885 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.827074051 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.827090025 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.827107906 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.827148914 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.830087900 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.830108881 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.830226898 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.830244064 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.833547115 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.833617926 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.833900928 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.833956957 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.836338997 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.836359978 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.836402893 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.836492062 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.839488029 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.839509964 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.839556932 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.839572906 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.842108965 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.842129946 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.842190981 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.870493889 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.870529890 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.870584011 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.870604038 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.872016907 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.872037888 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.872087955 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.872103930 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.875106096 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.875178099 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.875179052 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.875221968 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.878283024 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.878315926 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.878360033 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.878376961 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.881469011 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.881489992 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.881541967 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.881562948 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.884577036 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.884596109 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.884650946 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.884666920 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.887749910 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.887769938 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.887830973 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.887850046 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.891469955 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.891490936 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.891549110 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.891566992 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.893946886 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.893965960 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.894023895 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.894038916 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.896811008 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.896835089 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.896909952 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |

| Timestamp | Source Port | Dest Port | Source IP | Dest IP |
|--------------------------------------|-------------|-----------|---------------|---------------|
| Apr 15, 2021 14:03:48.896928072 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.899534941 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.899559975 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.899627924 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.902324915 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.902348042 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.902396917 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.902439117 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.905139923 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.905163050 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.905225992 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.905249119 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.907919884 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.907943964 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.907994032 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.908011913 CEST | 49712 | 443 | 192.168.2.7 | 172.217.23.33 |
| Apr 15, 2021 14:03:48.910749912 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.910773993 CEST | 443 | 49712 | 172.217.23.33 | 192.168.2.7 |

UDP Packets

| Timestamp | Source Port | Dest Port | Source IP | Dest IP |
|--------------------------------------|-------------|-----------|-------------|-------------|
| Apr 15, 2021 14:02:58.001298904 CEST | 60501 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:02:58.028203964 CEST | 53775 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:02:58.058664083 CEST | 53 | 60501 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:02:58.078428984 CEST | 53 | 53775 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:02:58.918658972 CEST | 51837 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:02:58.971151114 CEST | 53 | 51837 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:01.249994040 CEST | 55411 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:01.313597918 CEST | 53 | 55411 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:02.082735062 CEST | 63668 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:02.132936001 CEST | 53 | 63668 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:25.237613916 CEST | 54640 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:25.297434092 CEST | 53 | 54640 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:34.548943043 CEST | 58739 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:34.601429939 CEST | 53 | 58739 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:35.794125080 CEST | 60338 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:35.847773075 CEST | 53 | 60338 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:46.109419107 CEST | 58717 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:46.161365986 CEST | 53 | 58717 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:47.373816967 CEST | 59762 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:47.439893961 CEST | 53 | 59762 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:47.792176008 CEST | 54329 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:47.840761900 CEST | 53 | 54329 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:48.000417948 CEST | 58052 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:48.065246105 CEST | 53 | 58052 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:49.373032093 CEST | 54008 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:49.422008991 CEST | 53 | 54008 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:50.169035912 CEST | 59451 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:50.217751026 CEST | 53 | 59451 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:51.300374031 CEST | 52914 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:51.352650881 CEST | 53 | 52914 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:51.501138926 CEST | 64569 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:51.553962946 CEST | 53 | 64569 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:53.317539930 CEST | 52816 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:53.366446018 CEST | 53 | 52816 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:53.370409966 CEST | 50781 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:53.431273937 CEST | 53 | 50781 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:53.534626007 CEST | 54230 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:53.591490030 CEST | 53 | 54230 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:53.930619955 CEST | 54911 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:53.995644093 CEST | 53 | 54911 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:54.716515064 CEST | 49958 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:54.765275955 CEST | 53 | 49958 | 8.8.8.8 | 192.168.2.7 |

| Timestamp | Source Port | Dest Port | Source IP | Dest IP |
|--------------------------------------|-------------|-----------|-------------|-------------|
| Apr 15, 2021 14:03:55.815452099 CEST | 50860 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:55.864136934 CEST | 53 | 50860 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:57.120651960 CEST | 50452 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:57.171350956 CEST | 53 | 50452 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:58.016098022 CEST | 59730 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:58.064745903 CEST | 53 | 59730 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:03:59.269495964 CEST | 59310 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:03:59.318136930 CEST | 53 | 59310 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:04:03.113909960 CEST | 51919 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:04:03.165693998 CEST | 53 | 51919 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:04:03.949346066 CEST | 64296 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:04:03.998048067 CEST | 53 | 64296 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:04:04.109407902 CEST | 56680 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:04:04.170857906 CEST | 53 | 56680 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:04:07.334784985 CEST | 58820 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:04:07.383415937 CEST | 53 | 58820 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:04:09.763413906 CEST | 60983 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:04:09.829746008 CEST | 53 | 60983 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:04:37.423278093 CEST | 49247 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:04:37.480350971 CEST | 53 | 49247 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:04:38.373917103 CEST | 52286 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:04:38.422718048 CEST | 53 | 52286 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:04:39.550192118 CEST | 56064 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:04:39.601758957 CEST | 53 | 56064 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:04:40.353152037 CEST | 63744 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:04:40.401917934 CEST | 53 | 63744 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:04:43.477310896 CEST | 61457 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:04:43.536140919 CEST | 53 | 61457 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:05:00.910329103 CEST | 58367 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:05:01.012533903 CEST | 53 | 58367 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:05:01.575809956 CEST | 60599 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:05:01.816560984 CEST | 53 | 60599 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:05:02.398222923 CEST | 59571 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:05:02.455689907 CEST | 53 | 59571 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:05:02.689614058 CEST | 52689 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:05:02.754874945 CEST | 53 | 52689 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:05:02.902904034 CEST | 50290 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:05:02.990034103 CEST | 53 | 50290 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:05:03.557638884 CEST | 60427 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:05:03.686425924 CEST | 53 | 60427 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:05:04.432878017 CEST | 56209 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:05:04.489887953 CEST | 53 | 56209 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:05:05.141227961 CEST | 59582 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:05:05.198559999 CEST | 53 | 59582 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:05:06.189922094 CEST | 60949 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:05:06.250034094 CEST | 53 | 60949 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:05:07.184478045 CEST | 58542 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:05:07.241842031 CEST | 53 | 58542 | 8.8.8.8 | 192.168.2.7 |
| Apr 15, 2021 14:05:07.915469885 CEST | 59179 | 53 | 192.168.2.7 | 8.8.8.8 |
| Apr 15, 2021 14:05:07.972846031 CEST | 53 | 59179 | 8.8.8.8 | 192.168.2.7 |

DNS Queries

| Timestamp | Source IP | Dest IP | Trans ID | OP Code | Name | Type | Class |
|--------------------------------------|-------------|---------|----------|--------------------|----------------------------------------------|----------------|-------------|
| Apr 15, 2021 14:03:48.000417948 CEST | 192.168.2.7 | 8.8.8.8 | 0xe7be | Standard query (0) | doc-0s-04-docs.googleuse rusercontent.com | A (IP address) | IN (0x0001) |

DNS Answers

| Timestamp | Source IP | Dest IP | Trans ID | Reply Code | Name | CName | Address | Type | Class |
|--------------------------------------|-----------|-------------|----------|--------------|----------------------------------------------|------------------------------------------|---------|------------------------|-------------|
| Apr 15, 2021 14:03:48.065246105 CEST | 8.8.8.8 | 192.168.2.7 | 0xe7be | No error (0) | doc-0s-04-docs.googleuse rusercontent.com | googlehosted.l.googleuse rcontent.com | | CNAME (Canonical name) | IN (0x0001) |

| Timestamp | Source IP | Dest IP | Trans ID | Reply Code | Name | CName | Address | Type | Class |
|--------------------------------------------|-----------|-------------|----------|--------------|-----------------------------------------|-------|---------------|----------------|-------------|
| Apr 15, 2021 14:03:48.065246105 CEST | 8.8.8.8 | 192.168.2.7 | 0xe7be | No error (0) | googlehost ed1.googleusercontent.com | | 172.217.23.33 | A (IP address) | IN (0x0001) |

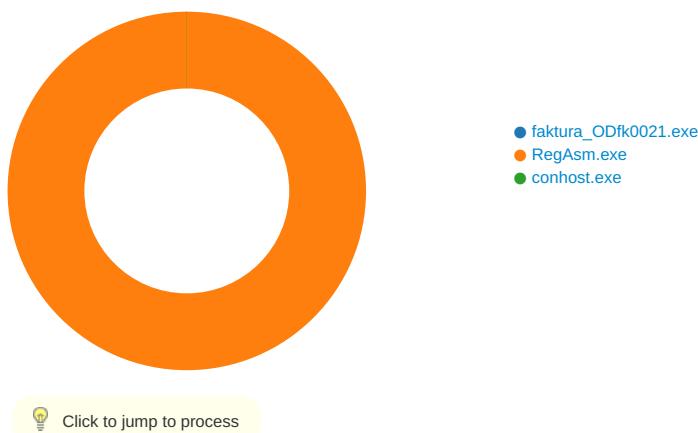
HTTPS Packets

| Timestamp | Source IP | Source Port | Dest IP | Dest Port | Subject | Issuer | Not Before | Not After | JA3 SSL Client Fingerprint | JA3 SSL Client Digest |
|--------------------------------------------|---------------|-------------|-------------|-----------|--------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------|--------------------------|----------------------------------------------------------------------------------------------|----------------------------------|
| Apr 15, 2021 14:03:48.170511961 CEST | 172.217.23.33 | 443 | 192.168.2.7 | 49712 | CN=*.googleusercontent.com, O=Google LLC, L=Mountain View, ST=California, C=US | CN=GTS CA 1O1, O=Google Trust Services, C=US | Tue Mar 16 20:32:57 CET | Tue Jun 08 21:32:56 CEST | 77149196-49195-49200-49199-49188-49187-CEST | 37f463bf4616ecd445d4a1937da06e19 |
| | | | | | CN=GTS CA 1O1, O=Google Trust Services, C=US | CN=GlobalSign, O=GlobalSign, OU=GlobalSign Root CA - R2 | Thu Jun 15 02:00:42 CET | Wed Dec 15 01:00:42 CET | 49192-49191-49162-49161-49172-49171-157-156-61-60-53-47-10,0-10-11-13-35-23-65281,29-23-24,0 | |

Code Manipulations

Statistics

Behavior



System Behavior

Analysis Process: faktura_ODfk0021.exe PID: 3784 Parent PID: 5672

General

| | |
|------------------------|----------------------------------------------|
| Start time: | 14:03:03 |
| Start date: | 15/04/2021 |
| Path: | C:\Users\user\Desktop\faktura_ODfk0021.exe |
| Wow64 process (32bit): | true |
| Commandline: | 'C:\Users\user\Desktop\faktura_ODfk0021.exe' |

| | |
|-------------------------------|----------------------------------|
| Imagebase: | 0x400000 |
| File size: | 73728 bytes |
| MD5 hash: | B7B1644FCE14205ACECBE822DF95749A |
| Has elevated privileges: | true |
| Has administrator privileges: | true |
| Programmed in: | Visual Basic |
| Reputation: | low |

File Activities

| File Path | Offset | Length | Completion | Count | Source Address | Symbol |
|-----------|--------|--------|------------|-------|----------------|--------|
|-----------|--------|--------|------------|-------|----------------|--------|

Analysis Process: RegAsm.exe PID: 6328 Parent PID: 3784

General

| | |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time: | 14:03:25 |
| Start date: | 15/04/2021 |
| Path: | C:\Windows\Microsoft.NET\Framework\v4.0.30319\RegAsm.exe |
| Wow64 process (32bit): | true |
| Commandline: | 'C:\Users\user\Desktop\faktura_ODfk0021.exe' |
| Imagebase: | 0x840000 |
| File size: | 64616 bytes |
| MD5 hash: | 6FD7592411112729BF6B1F2F6C34899F |
| Has elevated privileges: | true |
| Has administrator privileges: | true |
| Programmed in: | .Net C# or VB.NET |
| Yara matches: | <ul style="list-style-type: none"> Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000003.00000002.499283716.00000001DA11000.0000004.00000001.sdmp, Author: Joe Security Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000003.00000002.499283716.00000001DA11000.0000004.00000001.sdmp, Author: Joe Security Rule: JoeSecurity_GuLoader, Description: Yara detected GuLoader, Source: 00000003.00000002.491326318.0000000000C21000.00000040.00000001.sdmp, Author: Joe Security |
| Reputation: | high |

File Activities

File Created

| File Path | Access | Attributes | Options | Completion | Count | Source Address | Symbol |
|---------------------------------------------------------|-------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|------------------|
| C:\Users\user | read data or list directory synchronize | device | directory file synchronous io non alert open for backup ident open reparse point | object name collision | 1 | C22197 | InternetOpenUrlA |
| C:\Users\user\AppData\Local | read data or list directory synchronize | device | directory file synchronous io non alert open for backup ident open reparse point | object name collision | 1 | C22197 | InternetOpenUrlA |
| C:\Users\user\AppData\Local\Microsoft\Windows\iNetCache | read data or list directory synchronize | device | directory file synchronous io non alert open for backup ident open reparse point | object name collision | 1 | C22197 | InternetOpenUrlA |
| C:\Users\user | read data or list directory synchronize | device | directory file synchronous io non alert open for backup ident open reparse point | object name collision | 1 | C22197 | InternetOpenUrlA |

| File Path | Access | Attributes | Options | Completion | Count | Source Address | Symbol |
|-----------------------------------------------------------|-------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|------------------|
| C:\Users\user\AppData\Local | read data or list directory synchronize | device | directory file synchronous io non alert open for backup ident open reparse point | object name collision | 1 | C22197 | InternetOpenUrlA |
| C:\Users\user\AppData\Local\Microsoft\Windows\INetCookies | read data or list directory synchronize | device | directory file synchronous io non alert open for backup ident open reparse point | object name collision | 1 | C22197 | InternetOpenUrlA |
| C:\Users\user | read data or list directory synchronize | device | directory file synchronous io non alert open for backup ident open reparse point | object name collision | 1 | 6CB1CF06 | unknown |
| C:\Users\user\AppData\Roaming | read data or list directory synchronize | device | directory file synchronous io non alert open for backup ident open reparse point | object name collision | 1 | 6CB1CF06 | unknown |

File Read

| File Path | Offset | Length | Completion | Count | Source Address | Symbol |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\regasm.exe.config | unknown | 4095 | success or wait | 1 | 6CAF5705 | unknown |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\regasm.exe.config | unknown | 8173 | end of file | 1 | 6CAF5705 | unknown |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config | unknown | 4095 | success or wait | 1 | 6CAF5705 | unknown |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config | unknown | 6135 | success or wait | 1 | 6CAF5705 | unknown |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib\la152fe02a317a77aeee36903305e8ba6\mscorlib.ni.dll.aux | unknown | 176 | success or wait | 1 | 6CA503DE | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\regasm.exe.config | unknown | 4095 | success or wait | 1 | 6CAFCA54 | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\regasm.exe.config | unknown | 8173 | end of file | 1 | 6CAFCA54 | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config | unknown | 4095 | success or wait | 1 | 6CAFCA54 | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7efa3cd3e0ba98b5ebddbbc72e6\System.ni.dll.aux | unknown | 620 | success or wait | 1 | 6CA503DE | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll.aux | unknown | 864 | success or wait | 1 | 6CA503DE | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux | unknown | 900 | success or wait | 1 | 6CA503DE | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\1b219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll.aux | unknown | 748 | success or wait | 1 | 6CA503DE | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config | unknown | 4095 | success or wait | 1 | 6CAF5705 | unknown |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config | unknown | 8171 | end of file | 1 | 6CAF5705 | unknown |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config | unknown | 4096 | success or wait | 1 | 6B961B4F | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config | unknown | 4096 | end of file | 1 | 6B961B4F | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\regasm.exe.config | unknown | 4096 | success or wait | 1 | 6B961B4F | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\regasm.exe.config | unknown | 4096 | end of file | 1 | 6B961B4F | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\regasm.exe.config | unknown | 4095 | success or wait | 1 | 6CAF5705 | unknown |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\regasm.exe.config | unknown | 8173 | end of file | 1 | 6CAF5705 | unknown |

Analysis Process: conhost.exe PID: 6336 Parent PID: 6328

| General | |
|--------------------------|-----------------------------------------------------|
| Start time: | 14:03:25 |
| Start date: | 15/04/2021 |
| Path: | C:\Windows\System32\conhost.exe |
| Wow64 process (32bit): | false |
| Commandline: | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase: | 0x7ff774ee0000 |
| File size: | 625664 bytes |
| MD5 hash: | EA777DEEA782E8B4D7C7C3BBF8A4496 |
| Has elevated privileges: | true |

| | |
|-------------------------------|--------------------------|
| Has administrator privileges: | true |
| Programmed in: | C, C++ or other language |
| Reputation: | high |

Disassembly

Code Analysis