
**ID:** 458632
**Sample Name:** doc_2021_98666_SIGNED - PRO FACTURA.exe
**Cookbook:** default.jbs
**Time:** 15:55:41
**Date:** 03/08/2021
**Version:** 33.0.0 White Diamond

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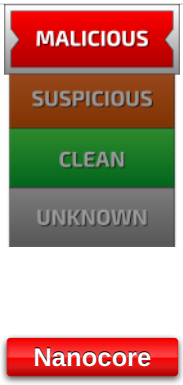
# Windows Analysis Report doc_2021_98666_SIGNED - P…

## Overview

### General Information

| | |
|---|---|
| Sample Name: | doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Analysis ID: | 458632 |
| MD5: | 532b5c7f4e3212a. |
| SHA1: | 9a46dd2c45b724.. |
| SHA256: | 46510a62d266a7.. |
| Tags: | exe null |
| Infos: | |

### Detection

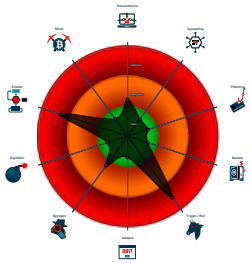



| | |
|---|---|
| Score: | 100 |
| Range: | 0 - 100 |
| Whitelisted: | false |
| Confidence: | 100% |

### Signatures

- Detected Nanocore Rat
- Found malware configuration
- Malicious sample detected (through …
- Multi AV Scanner detection for dropp…
- Multi AV Scanner detection for subm…
- Yara detected AntiVM3
- Yara detected Nanocore RAT
- C2 URLs / IPs found in malware con…
- Initial sample is a PE file and has a …
- Machine Learning detection for dropp…
- Machine Learning detection for samp…
- Tries to detect sandboxes and other…

### Classification



## Process Tree

- **System is w10x64**
- doc_2021_98666_SIGNED - PRO FACTURA.exe (PID: 6512 cmdline: 'C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe' MD5: 532B5C7F4E3212A0D05E51C85864CAF6)
  - schtasks.exe (PID: 6744 cmdline: 'C:\Windows\System32\schtasks.exe' /Create /TN 'Updates\bWuIYd' /XML 'C:\Users\user\AppData\Local\Temp\tmpDCE9.tmp' MD5: 838D346D1D28F00783B7A6C6BD03A0DA)
    - conhost.exe (PID: 6752 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
  - doc_2021_98666_SIGNED - PRO FACTURA.exe (PID: 6788 cmdline: C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe MD5: 532B5C7F4E3212A0D05E51C85864CAF6)
  - doc_2021_98666_SIGNED - PRO FACTURA.exe (PID: 6804 cmdline: C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe MD5: 532B5C7F4E3212A0D05E51C85864CAF6)
  - doc_2021_98666_SIGNED - PRO FACTURA.exe (PID: 6820 cmdline: C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe MD5: 532B5C7F4E3212A0D05E51C85864CAF6)
  - doc_2021_98666_SIGNED - PRO FACTURA.exe (PID: 6836 cmdline: C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe MD5: 532B5C7F4E3212A0D05E51C85864CAF6)
  - doc_2021_98666_SIGNED - PRO FACTURA.exe (PID: 6848 cmdline: C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe MD5: 532B5C7F4E3212A0D05E51C85864CAF6)
- **cleanup**

## Malware Configuration

### Threatname: NanoCore

```
{
  "Version": "1.2.2.0",
  "Mutex": "7547b95a-3564-48ed-9de2-e9e7593f",
  "Group": "ikenna",
  "Domain1": "194.5.98.127",
  "Domain2": "127.0.0.1",
  "Port": 54984,
  "KeyboardLogging": "Enable",
  "RunOnStartup": "Enable",
  "RequestElevation": "Disable",
  "BypassUAC": "Enable",
  "ClearZoneIdentifier": "Enable",
  "ClearAccessControl": "Enable",
  "SetCriticalProcess": "Disable",
  "PreventSystemSleep": "Enable",
  "ActivateAwayMode": "Enable",
  "EnableDebugMode": "Disable",
  "RunDelay": 0,
  "ConnectDelay": 4000,
  "RestartDelay": 5000,
  "TimeoutInterval": 5000,
  "KeepAliveTimeout": 30000,
  "MutexTimeout": 5000,
  "LanTimeout": 2500,
  "WanTimeout": 8000,
  "BufferSize": "ffff0000",
  "MaxPacketSize": "0000a000",
  "GCThreshold": "0000a000",
  "UseCustomDNS": "Enable",
  "PrimaryDNSServer": "8.8.8.8",
  "BackupDNSServer": "8.8.4.4",
  "BypassUserAccountControlData": "<?xml version=\"1.0\" encoding=\"UTF-16\"?>\r\n<Task version=\"1.2\" xmlns=\"http://schemas.microsoft.com/windows/2004/02/mit/task\">\r\n
<RegistrationInfo />\r\n  <Triggers />\r\n  <Principals>\r\n    <Principal id=\"Author\">\r\n      <LogonType>InteractiveToken</LogonType>\r\n
<RunLevel>HighestAvailable</RunLevel>\r\n    </Principal>\r\n  </Principals>\r\n  <Settings>\r\n    <MultipleInstancesPolicy>Parallel</MultipleInstancesPolicy>\r\n
<DisallowStartIfOnBatteries>false</DisallowStartIfOnBatteries>\r\n    <StopIfGoingOnBatteries>false</StopIfGoingOnBatteries>\r\n
<AllowHardTerminate>true</AllowHardTerminate>\r\n    <StartWhenAvailable>false</StartWhenAvailable>\r\n    <RunOnlyIfNetworkAvailable>false</RunOnlyIfNetworkAvailable>\r\n
<IdleSettings>\r\n      <StopOnIdleEnd>false</StopOnIdleEnd>\r\n      <RestartOnIdle>false</RestartOnIdle>\r\n    </IdleSettings>\r\n
<AllowStartOnDemand>true</AllowStartOnDemand>\r\n    <Enabled>true</Enabled>\r\n    <Hidden>false</Hidden>\r\n    <RunOnlyIfIdle>false</RunOnlyIfIdle>\r\n
<WakeToRun>false</WakeToRun>\r\n    <ExecutionTimeLimit>PT0S</ExecutionTimeLimit>\r\n    <Priority>4</Priority>\r\n  </Settings>\r\n  <Actions Context=\"Author\">\r\n
<Exec>\r\n      <Command>\"#EXECUTABLEPATH\"</Command>\r\n      <Arguments>$(Arg0)</Arguments>\r\n    </Exec>\r\n  </Actions>\r\n</Task"
}
```


# Yara Overview

## Memory Dumps

| Source | Rule | Description | Author | Strings |
|---|---|---|---|---|
| 00000000.00000002.668794104.00000000032EA000.00000004.00000001.sdmp | JoeSecurity_AntiVM_3 | Yara detected AntiVM_3 | Joe Security | |
| 00000000.00000002.669660281.0000000012F61000.00000004.00000001.sdmp | Nanocore_RAT_Gen_2 | Detetcs the Nanocore RAT | Florian Roth | • 0x67f4c5:$x1: NanoCore.ClientPluginHost<br>• 0x67f502:$x2: IClientNetworkHost<br>• 0x683035:$x3: #=qjgz7ljmpp0J7FvL9dmi8ctJILdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe |
| 00000000.00000002.669660281.0000000012F61000.00000004.00000001.sdmp | JoeSecurity_Nanocore | Yara detected Nanocore RAT | Joe Security | |
| 00000000.00000002.669660281.0000000012F61000.00000004.00000001.sdmp | NanoCore | unknown | Kevin Breen <kevin@techanarchy.net> | • 0x67f22d:$a: NanoCore<br>• 0x67f23d:$a: NanoCore<br>• 0x67f471:$a: NanoCore<br>• 0x67f485:$a: NanoCore<br>• 0x67f4c5:$a: NanoCore<br>• 0x67f28c:$b: ClientPlugin<br>• 0x67f48e:$b: ClientPlugin<br>• 0x67f4ce:$b: ClientPlugin<br>• 0x67f3b3:$c: ProjectData<br>• 0x93581f:$c: ProjectData<br>• 0x67fdba:$d: DESCrypto<br>• 0x687786:$e: KeepAlive<br>• 0x685774:$g: LogClientMessage<br>• 0x68196f:$i: get_Connected<br>• 0x6800f0:$j: #=q<br>• 0x680120:$j: #=q<br>• 0x68013c:$j: #=q<br>• 0x68016c:$j: #=q<br>• 0x680188:$j: #=q<br>• 0x6801a4:$j: #=q<br>• 0x6801d4:$j: #=q |

| Source | Rule | Description | Author | Strings |
|---|---|---|---|---|
| Process Memory Space: doc_2021_98666_SIGNED - PRO FACTURA.exe PID: 6512 | Nanocore_RAT_Gen_2 | Detetcs the Nanocore RAT | Florian Roth | • 0x497ae7:$x1: NanoCore.ClientPluginHost<br>• 0x497b24:$x2: IClientNetworkHost<br>• 0x49ae7d:$x3: #=qjgz7ljmpp0J7FvL9dmi8ctJILdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe<br>• 0x4a5ad8:$x3: #=qjgz7ljmpp0J7FvL9dmi8ctJILdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe |
| Click to see the 3 entries | | | | |

## Unpacked PEs

| Source | Rule | Description | Author | Strings |
|---|---|---|---|---|
| 0.2.doc_2021_98666_SIGNED - PRO FACTURA.exe.135d0338.4.unpack | Nanocore_RAT_Gen_2 | Detetcs the Nanocore RAT | Florian Roth | • 0xe38d:$x1: NanoCore.ClientPluginHost<br>• 0xe3ca:$x2: IClientNetworkHost<br>• 0x11efd:$x3: #=qjgz7ljmpp0J7FvL9dmi8ctJILdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe |
| 0.2.doc_2021_98666_SIGNED - PRO FACTURA.exe.135d0338.4.unpack | Nanocore_RAT_Feb18_1 | Detects Nanocore RAT | Florian Roth | • 0xe105:$x1: NanoCore Client.exe<br>• 0xe38d:$x2: NanoCore.ClientPluginHost<br>• 0xf9c6:$s1: PluginCommand<br>• 0xf9ba:$s2: FileCommand<br>• 0x1086b:$s3: PipeExists<br>• 0x16622:$s4: PipeCreated<br>• 0xe3b7:$s5: IClientLoggingHost |
| 0.2.doc_2021_98666_SIGNED - PRO FACTURA.exe.135d0338.4.unpack | JoeSecurity_Nanocore | Yara detected Nanocore RAT | Joe Security | |
| 0.2.doc_2021_98666_SIGNED - PRO FACTURA.exe.135d0338.4.unpack | NanoCore | unknown | Kevin Breen <kevin@techanarchy.net> | • 0xe0f5:$a: NanoCore<br>• 0xe105:$a: NanoCore<br>• 0xe339:$a: NanoCore<br>• 0xe34d:$a: NanoCore<br>• 0xe38d:$a: NanoCore<br>• 0xe154:$b: ClientPlugin<br>• 0xe356:$b: ClientPlugin<br>• 0xe396:$b: ClientPlugin<br>• 0xe27b:$c: ProjectData<br>• 0xec82:$d: DESCrypto<br>• 0x1664e:$e: KeepAlive<br>• 0x1463c:$g: LogClientMessage<br>• 0x10837:$i: get_Connected<br>• 0xefb8:$j: #=q<br>• 0xefe8:$j: #=q<br>• 0xf004:$j: #=q<br>• 0xf034:$j: #=q<br>• 0xf050:$j: #=q<br>• 0xf06c:$j: #=q<br>• 0xf09c:$j: #=q<br>• 0xf0b8:$j: #=q |
| 0.2.doc_2021_98666_SIGNED - PRO FACTURA.exe.135d0338.4.raw.unpack | Nanocore_RAT_Gen_2 | Detetcs the Nanocore RAT | Florian Roth | • 0x1018d:$x1: NanoCore.ClientPluginHost<br>• 0x101ca:$x2: IClientNetworkHost<br>• 0x13cfd:$x3: #=qjgz7ljmpp0J7FvL9dmi8ctJILdgtcbw8JYUc6GC8MeJ9B11Crfg2Djxcf0p8PZGe |
| Click to see the 2 entries | | | | |

# Sigma Overview

**No Sigma rule has matched**

# Jbx Signature Overview

Click to jump to signature section

## AV Detection:

**Found malware configuration**

**Multi AV Scanner detection for dropped file**

**Multi AV Scanner detection for submitted file**

**Yara detected Nanocore RAT**

**Machine Learning detection for dropped file**

Machine Learning detection for sample

## Networking:

C2 URLs / IPs found in malware configuration

## E-Banking Fraud:

Yara detected Nanocore RAT

## System Summary:

Malicious sample detected (through community Yara rule)

Initial sample is a PE file and has a suspicious name

## Boot Survival:

Uses schtasks.exe or at.exe to add and modify task schedules

## Malware Analysis System Evasion:

Yara detected AntiVM3

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

## Stealing of Sensitive Information:

Yara detected Nanocore RAT

## Remote Access Functionality:

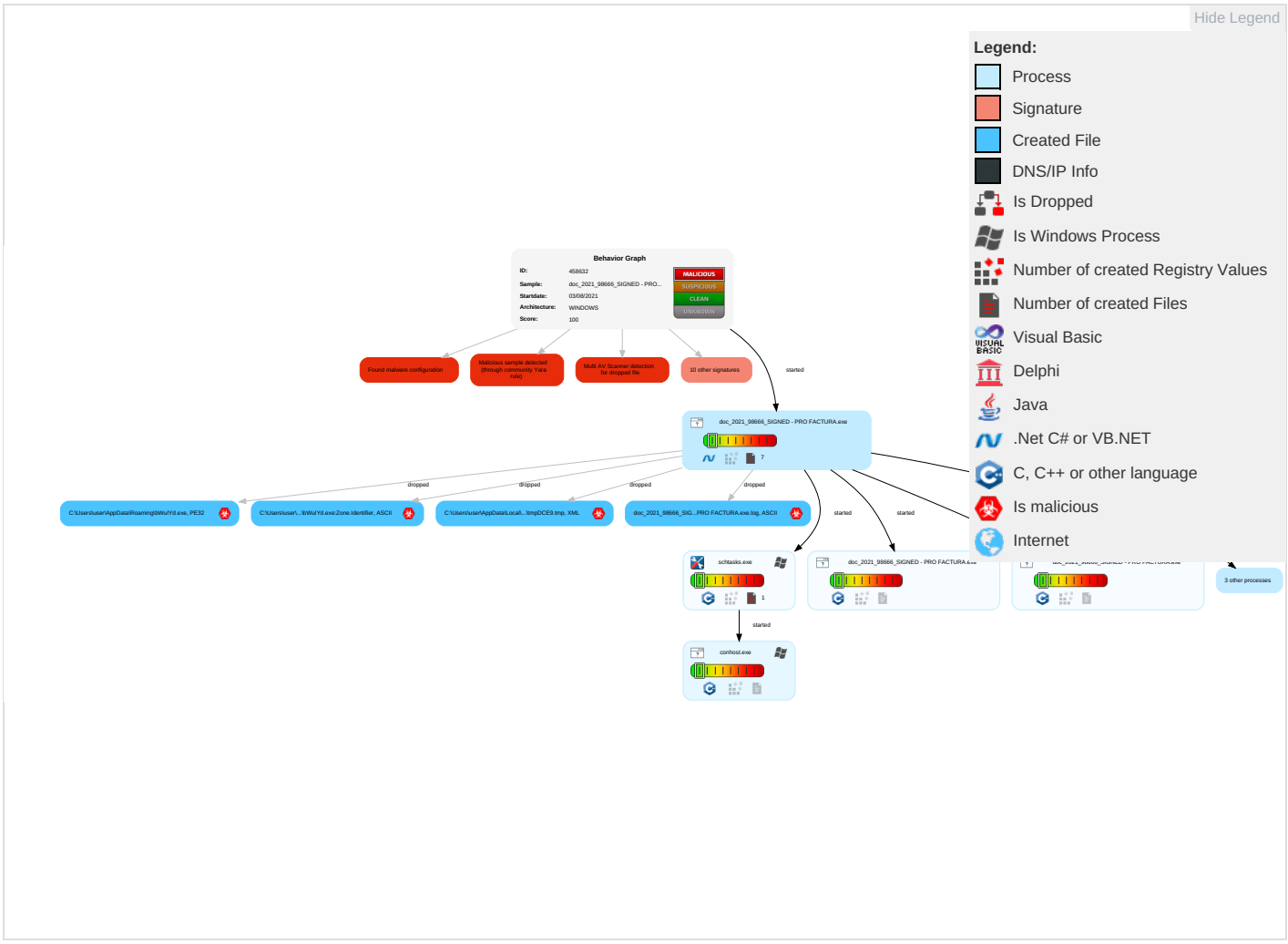
Detected Nanocore Rat

Yara detected Nanocore RAT

# Mitre Att&ck Matrix

| Initial Access | Execution | Persistence | Privilege Escalation | Defense Evasion | Credential Access | Discovery | Lateral Movement | Collection | Exfiltration | Command and Control | Network Effects |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Valid Accounts | Scheduled Task/Job 1 | Scheduled Task/Job 1 | Process Injection 1 1 | Masquerading 1 | OS Credential Dumping | Query Registry 1 | Remote Services | Archive Collected Data 1 | Exfiltration Over Other Network Medium | Encrypted Channel 1 | Eavesdrop on Insecure Network Communication |
| Default Accounts | Scheduled Task/Job | Boot or Logon Initialization Scripts | Scheduled Task/Job 1 | Disable or Modify Tools 1 | LSASS Memory | Security Software Discovery 2 1 | Remote Desktop Protocol | Data from Removable Media | Exfiltration Over Bluetooth | Remote Access Software 1 | Exploit SS7 to Redirect Phone Calls/SMS |
| Domain Accounts | At (Linux) | Logon Script (Windows) | Logon Script (Windows) | Virtualization/Sandbox Evasion 2 1 | Security Account Manager | Process Discovery 1 | SMB/Windows Admin Shares | Data from Network Shared Drive | Automated Exfiltration | Application Layer Protocol 1 | Exploit SS7 to Track Device Location |
| Local Accounts | At (Windows) | Logon Script (Mac) | Logon Script (Mac) | Process Injection 1 1 | NTDS | Virtualization/Sandbox Evasion 2 1 | Distributed Component Object Model | Input Capture | Scheduled Transfer | Protocol Impersonation | SIM Card Swap |
| Cloud Accounts | Cron | Network Logon Script | Network Logon Script | Obfuscated Files or Information 2 | LSA Secrets | File and Directory Discovery 1 | SSH | Keylogging | Data Transfer Size Limits | Fallback Channels | Manipulate Device Communication |
| Replication Through Removable Media | Launchd | Rc.common | Rc.common | Software Packing 2 | Cached Domain Credentials | System Information Discovery 1 2 | VNC | GUI Input Capture | Exfiltration Over C2 Channel | Multiband Communication | Jamming or Denial of Service |

# Behavior Graph




# Antivirus, Machine Learning and Genetic Malware Detection

## Initial Sample

| Source | Detection | Scanner | Label | Link |
|---|---|---|---|---|
| doc_2021_98666_SIGNED - PRO FACTURA.exe | 24% | Virustotal | | Browse |
| doc_2021_98666_SIGNED - PRO FACTURA.exe | 43% | ReversingLabs | ByteCode-MSIL.Backdoor.NanoBot | |
| doc_2021_98666_SIGNED - PRO FACTURA.exe | 100% | Joe Sandbox ML | | |

## Dropped Files

| Source | Detection | Scanner | Label | Link |
|---|---|---|---|---|
| C:\Users\user\AppData\Roaming\bWuIYd.exe | 100% | Joe Sandbox ML | | |
| C:\Users\user\AppData\Roaming\bWuIYd.exe | 24% | Virustotal | | Browse |
| C:\Users\user\AppData\Roaming\bWuIYd.exe | 43% | ReversingLabs | ByteCode-MSIL.Backdoor.NanoBot | |

## Unpacked PE Files

No Antivirus matches

## Domains

No Antivirus matches

## URLs

| Source | Detection | Scanner | Label | Link |
|---|---|---|---|---|
| 194.5.98.127 | 0% | Avira URL Cloud | safe | |
| 127.0.0.1 | 0% | Virustotal | | Browse |
| 127.0.0.1 | 0% | Avira URL Cloud | safe | |

# Domains and IPs

## Contacted Domains

**No contacted domains info**

## Contacted URLs

| Name | Malicious | Antivirus Detection | Reputation |
|---|---|---|---|
| 194.5.98.127 | true | • Avira URL Cloud: safe | unknown |
| 127.0.0.1 | true | • 0%, Virustotal, Browse<br>• Avira URL Cloud: safe | unknown |

## URLs from Memory and Binaries

## Contacted IPs

**No contacted IP infos**

# General Information

| | |
|---|---|
| Joe Sandbox Version: | 33.0.0 White Diamond |
| Analysis ID: | 458632 |
| Start date: | 03.08.2021 |
| Start time: | 15:55:41 |
| Joe Sandbox Product: | CloudBasic |
| Overall analysis duration: | 0h 8m 17s |
| Hypervisor based Inspection enabled: | false |
| Report type: | light |
| Sample file name: | doc_2021_98666_SIGNED - PRO FACTURA.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: | 12 |
| 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: | • HCA enabled<br>• EGA enabled<br>• HDC enabled<br>• AMSI enabled |
| Analysis Mode: | default |
| Analysis stop reason: | Timeout |
| Detection: | MAL |
| Classification: | mal100.troj.evad.winEXE@14/4@0/0 |
| EGA Information: | Failed |
| HDC Information: | • Successful, ratio: 6.9% (good quality ratio 3.3%)<br>• Quality average: 32.2%<br>• Quality standard deviation: 34% |
| HCA Information: | • Successful, ratio: 82%<br>• Number of executed functions: 0<br>• Number of non-executed functions: 0 |

| | |
|---|---|
| Cookbook Comments: | • Adjust boot time<br>• Enable AMSI<br>• Found application associated with file extension: .exe<br>• Stop behavior analysis, all processes terminated |
| Warnings: | Show All |

# Simulations

## Behavior and APIs

| Time | Type | Description |
|---|---|---|
| 15:56:31 | API Interceptor | 2x Sleep call for process: doc_2021_98666_SIGNED - PRO FACTURA.exe modified |

# Joe Sandbox View / Context

## IPs

**No context**

## Domains

**No context**

## ASN

**No context**

## JA3 Fingerprints

**No context**

## Dropped Files

**No context**

# Created / dropped Files

**C:\Users\user\AppData\Local\Microsoft\CLR_v4.0\UsageLogs\doc_2021_98666_SIGNED - PRO FACTURA.exe.log**

| | |
|---|---|
| Process: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| File Type: | ASCII text, with CRLF line terminators |
| Category: | modified |
| Size (bytes): | 1742 |
| Entropy (8bit): | 5.381353871108486 |
| Encrypted: | false |
| SSDEEP: | 48:MxHKEYHKGD8Ao6+vxpNl1qHGiD0HKeGitHTG1hAHKKPJAmHKoA9:iqEYqGgAo9ZPlwmI0qertzG1eqKPJ/qT |
| MD5: | 978918F6120A43D1FA5899938A5A542F |
| SHA1: | 6567A2E687B40BFD3A46246F51F4C89D93D89455 |
| SHA-256: | F814F290A540B3FD755D05F3434317D7B26F2C33D2087F9E63233CD88AB510FC |
| SHA-512: | 1DF2AF5A3F8212BF591AAA366FE96F167F3E6D43746E07B7CD44F1B2F06C63B1D290412891AD0B4D0A82D1DFD6EB2EB7D70981C35941F370DC97729E9205DD5 |
| Malicious: | **true** |
| Reputation: | moderate, very likely benign file |

| C:\Users\user\AppData\Local\Microsoft\CLR_v4.0\UsageLogs\doc_2021_98666_SIGNED - PRO FACTURA.exe.log | |
|---|---|
| Preview: | 1,"fusion","GAC",0..1,"WinRT","NotApp",1..3,"System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_64\System\10a17139182a9efd561f01fada9688a5\System.ni.dll",0..3,"System.Core, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_64\System.Core\4e05e2e48b8a6dd267a8c9e25ef129a7\System.Core.ni.dll",0..3,"Microsoft.VisualBasic, Version=10.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a","C:\Windows\assembly\NativeImages_v4.0.30319_64\Microsoft.V9921e851#\f2e0589ed6d670f264a5f65dd0ad000f\Microsoft.VisualBasic.ni.dll",0..3,"System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a","C:\Windows\assembly\NativeImages_v4.0.30319_64\System.Drawing\49e5c0579db170be9741dccc34c1998e\System.Drawing.ni.dll",0..3,"System.Windows.Forms, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_6 |

| C:\Users\user\AppData\Local\Temp\tmpDCE9.tmp | |
|---|---|
| Process: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| File Type: | XML 1.0 document, ASCII text, with CRLF line terminators |
| Category: | dropped |
| Size (bytes): | 1639 |
| Entropy (8bit): | 5.176967825324459 |
| Encrypted: | false |
| SSDEEP: | 24:2dH4+SEqC/S7hblNMFp//rlMhEMjnGpwjpIgUYODOLD9RJh7h8gKBGktn:cbhK79lNQR/rydbz9I3YODOLNdq3N |
| MD5: | 335DC9045368E50919C4D67D509F2923 |
| SHA1: | DCBC293F1F440B13AF7E3771AF0F273E176ED4D6 |
| SHA-256: | 506CE973705FF1017DAF3E519B36BED172AFFBA6192741E50F9FD8826B7DBFB8 |
| SHA-512: | 8E80894560B11876FD0D606F0202C72FEC66AC745C5C1E32684BECC2B7D4834F8C99F7FBAFEACEAC648F26EFD5CFD2CE587407BCBE063E9AE3BE9EB72858CD5A |
| Malicious: | **true** |
| Reputation: | low |
| Preview: | <?xml version="1.0" encoding="UTF-16"?>..<Task version="1.2" xmlns="http://schemas.microsoft.com/windows/2004/02/mit/task">.. <RegistrationInfo>.. <Date>2014-10-25T14:27:44.8929027</Date>.. <Author>computer\user</Author>.. </RegistrationInfo>.. <Triggers>.. <LogonTrigger>.. <Enabled>true</Enabled>.. <UserId>computer\user</UserId>.. </LogonTrigger>.. <RegistrationTrigger>.. <Enabled>false</Enabled>.. </RegistrationTrigger>.. </Triggers>.. <Principals>.. <Principal id="Author">.. <UserId>computer\user</UserId>.. <LogonType>InteractiveToken</LogonType>.. <RunLevel>LeastPrivilege</RunLevel>.. </Principal>.. </Principals>.. <Settings>.. <MultipleInstancesPolicy>StopExisting</MultipleInstancesPolicy>.. <DisallowStartIfOnBatteries>false</DisallowStartIfOnBatteries>.. <StopIfGoingOnBatteries>true</StopIfGoingOnBatteries>.. <AllowHardTerminate>false</AllowHardTerminate>.. <StartWhenAvailable>true |

| C:\Users\user\AppData\Roaming\bWuIYd.exe | |
|---|---|
| Process: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| File Type: | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows |
| Category: | dropped |
| Size (bytes): | 1202688 |
| Entropy (8bit): | 7.712684433960131 |
| Encrypted: | false |
| SSDEEP: | 24576:qmlBdz3ITXWl+O/JR308rntdkcr2VGSsjv1StbqiXk:RlBdz3OXW/RkAny7sjv0oi |
| MD5: | 532B5C7F4E3212A0D05E51C85864CAF6 |
| SHA1: | 9A46DD2C45B724E23A0E3D316EB7FBC16B144E19 |
| SHA-256: | 46510A62D266A7663F6CBE0A7FFBBBA5019A6C890512E5D050B667A8B44F6EA6 |
| SHA-512: | 55B368430E4B5FAA59CA892A15930B25DF9F571786CD21DBF87EE311B5DA033F24FD660E7750A51E3A92F3777E82F480C287C35C7FFC295B3A2EF7069B38E108 |
| Malicious: | **true** |
| Antivirus: | • Antivirus: Joe Sandbox ML, Detection: 100%<br>• Antivirus: Virustotal, Detection: 24%, Browse<br>• Antivirus: ReversingLabs, Detection: 43% |
| Reputation: | low |
| Preview: | MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....PE..L.....a....."...P..F.....Fe... .....@.. .....@.....d..O..... ..... ..H.....text...LE... ..F..... ..`.rsrc.....H.....@..@.relocc.....X.....@..B.....(e.....H.....$.....V.....0.....(....(.....(.....o.....*.....( .....(!.....("......(#.....($....*N..(....o....(%....*&..(&....*.s'.....s(.....s).....s*.....s+.....*....0.....~....o,....+..*.0.....~....o-....+..*.0.....~....o.....+..*.0.....~....o/....+..*.0.....~....o0....+..*.0..<.....~.....(1.....,lr...p.....(2...o3...s4.....~.....+..*.0..... |

| C:\Users\user\AppData\Roaming\bWuIYd.exe:Zone.Identifier | |
|---|---|
| Process: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| File Type: | ASCII text, with CRLF line terminators |
| Category: | dropped |
| Size (bytes): | 26 |
| Entropy (8bit): | 3.95006375643621 |
| Encrypted: | false |
| SSDEEP: | 3:ggPYV:rPYV |
| MD5: | 187F488E27DB4AF347237FE461A079AD |
| SHA1: | 6693BA299EC1881249D59262276A0D2CB21F8E64 |
| SHA-256: | 255A65D30841AB4082BD9D0EEA79D49C5EE88F56136157D8D6156AEF11C12309 |
| SHA-512: | 89879F237C0C051EBE784D0690657A6827A312A82735DA42DAD5F744D734FC545BEC9642C19D14C05B2F01FF53BC731530C92F7327BB7DC9CDE1B60FB21CD64 |
| Malicious: | **true** |
| Reputation: | high, very likely benign file |

| C:\Users\user\AppData\Roaming\bWuIYd.exe:Zone.Identifier | |
|---|---|
| Preview: | [ZoneTransfer]....ZoneId=0 |

# Static File Info

## General

| | |
|---|---|
| File type: | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows |
| Entropy (8bit): | 7.712684433960131 |
| TrID: | • Win32 Executable (generic) Net Framework (10011505/4) 49.80%<br>• Win32 Executable (generic) a (10002005/4) 49.75%<br>• Generic CIL Executable (.NET, Mono, etc.) (73296/58) 0.36%<br>• Windows Screen Saver (13104/52) 0.07%<br>• Generic Win/DOS Executable (2004/3) 0.01% |
| File name: | doc_2021_98666_SIGNED - PRO FACTURA.exe |
| File size: | 1202688 |
| MD5: | 532b5c7f4e3212a0d05e51c85864caf6 |
| SHA1: | 9a46dd2c45b724e23a0e3d316eb7fbc16b144e19 |
| SHA256: | 46510a62d266a7663f6cbe0a7ffbbba5019a6c890512e5d050b667a8b44f6ea6 |
| SHA512: | 55b368430e4b5faa59ca892a15930b25df9f571786cd21dbf87ee311b5da033f24fd660e7750a51e3a92f3777e82f480c287c35c7ffc295b3a2ef7069b38e108 |
| SSDEEP: | 24576:qmlBdz3ITXWl+O/JR308rntdkcr2VGSsjv1StbqiXk:RlBdz3OXW/RkAny7sjv0oi |
| File Content Preview: | MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....PE..L.....a....."...P..F.....Fe... .....@.. .....@..... |

## File Icon

| | |
|---|---|
| Icon Hash: | 00828e8e8686b000 |

## Static PE Info

### General

| | |
|---|---|
| Entrypoint: | 0x526546 |
| Entrypoint Section: | .text |
| Digitally signed: | false |
| Imagebase: | 0x400000 |
| Subsystem: | windows gui |
| Image File Characteristics: | EXECUTABLE_IMAGE, LARGE_ADDRESS_AWARE |
| DLL Characteristics: | NO_SEH, TERMINAL_SERVER_AWARE, DYNAMIC_BASE, NX_COMPAT |
| Time Stamp: | 0x61088FEA [Tue Aug 3 00:38:02 2021 UTC] |
| TLS Callbacks: | |
| CLR (.Net) Version: | v4.0.30319 |
| 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: | f34d5f2d4577ed6d9ceec516c1f5a744 |

### Entrypoint Preview

### Data Directories

### Sections

| Name | Virtual Address | Virtual Size | Raw Size | Xored PE | ZLIB Complexity | File Type | Entropy | Characteristics |
|---|---|---|---|---|---|---|---|---|
| .text | 0x2000 | 0x12454c | 0x124600 | False | 0.868892622381 | data | 7.71708373294 | IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ |
| .rsrc | 0x128000 | 0xfd4 | 0x1000 | False | 0.455322265625 | data | 5.68049715964 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ |
| .reloc | 0x12a000 | 0xc | 0x200 | False | 0.044921875 | data | 0.101910425663 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_DISCARDABLE, IMAGE_SCN_MEM_READ |

### Resources

### Imports

### Version Infos

## Network Behavior

**No network behavior found**

## Code Manipulations

## Statistics

### Behavior

Click to jump to process

## System Behavior

### Analysis Process: doc_2021_98666_SIGNED - PRO FACTURA.exe PID: 6512 Parent PID: 5840

### General

| | |
|---|---|
| Start time: | 15:56:30 |
| Start date: | 03/08/2021 |
| Path: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Wow64 process (32bit): | false |
| Commandline: | 'C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe' |
| Imagebase: | 0xa80000 |
| File size: | 1202688 bytes |
| MD5 hash: | 532B5C7F4E3212A0D05E51C85864CAF6 |
| Has elevated privileges: | true |
| Has administrator privileges: | true |
| Programmed in: | .Net C# or VB.NET |

| | |
|---|---|
| Yara matches: | • Rule: JoeSecurity_AntiVM_3, Description: Yara detected AntiVM_3, Source: 00000000.00000002.668794104.00000000032EA000.00000004.00000001.sdmp, Author: Joe Security<br>• Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000000.00000002.669660281.0000000012F61000.00000004.00000001.sdmp, Author: Florian Roth<br>• Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000000.00000002.669660281.0000000012F61000.00000004.00000001.sdmp, Author: Joe Security<br>• Rule: NanoCore, Description: unknown, Source: 00000000.00000002.669660281.0000000012F61000.00000004.00000001.sdmp, Author: Kevin Breen <kevin@techanarchy.net> |
| Reputation: | low |

**File Activities** Show Windows behavior

**File Created**

**File Deleted**

**File Written**

**File Read**

## Analysis Process: schtasks.exe PID: 6744 Parent PID: 6512

### General

| | |
|---|---|
| Start time: | 15:56:34 |
| Start date: | 03/08/2021 |
| Path: | C:\Windows\System32\schtasks.exe |
| Wow64 process (32bit): | false |
| Commandline: | 'C:\Windows\System32\schtasks.exe' /Create /TN 'Updates\bWuIYd' /XML 'C:\Users\user\AppData\Local\Temp\tmpDCE9.tmp' |
| Imagebase: | 0x7ff6fe380000 |
| File size: | 226816 bytes |
| MD5 hash: | 838D346D1D28F00783B7A6C6BD03A0DA |
| Has elevated privileges: | true |
| Has administrator privileges: | true |
| Programmed in: | C, C++ or other language |
| Reputation: | moderate |

**File Activities** Show Windows behavior

**File Read**

## Analysis Process: conhost.exe PID: 6752 Parent PID: 6744

### General

| | |
|---|---|
| Start time: | 15:56:34 |
| Start date: | 03/08/2021 |
| Path: | C:\Windows\System32\conhost.exe |
| Wow64 process (32bit): | false |
| Commandline: | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase: | 0x7ff724c50000 |
| File size: | 625664 bytes |
| MD5 hash: | EA777DEEA782E8B4D7C7C33BBF8A4496 |
| Has elevated privileges: | true |
| Has administrator privileges: | true |
| Programmed in: | C, C++ or other language |
| Reputation: | high |

## Analysis Process: doc_2021_98666_SIGNED - PRO FACTURA.exe PID: 6788 Parent PID: 6512

### General

| | |
|---|---|
| Start time: | 15:56:35 |
| Start date: | 03/08/2021 |
| Path: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Wow64 process (32bit): | false |
| Commandline: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Imagebase: | 0xd50000 |
| File size: | 1202688 bytes |
| MD5 hash: | 532B5C7F4E3212A0D05E51C85864CAF6 |
| Has elevated privileges: | true |
| Has administrator privileges: | true |
| Programmed in: | C, C++ or other language |
| Reputation: | low |

## Analysis Process: doc_2021_98666_SIGNED - PRO FACTURA.exe PID: 6804 Parent PID: 6512

### General

| | |
|---|---|
| Start time: | 15:56:35 |
| Start date: | 03/08/2021 |
| Path: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Wow64 process (32bit): | false |
| Commandline: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Imagebase: | 0xc70000 |
| File size: | 1202688 bytes |
| MD5 hash: | 532B5C7F4E3212A0D05E51C85864CAF6 |
| Has elevated privileges: | true |
| Has administrator privileges: | true |
| Programmed in: | C, C++ or other language |
| Reputation: | low |

## Analysis Process: doc_2021_98666_SIGNED - PRO FACTURA.exe PID: 6820 Parent PID: 6512

### General

| | |
|---|---|
| Start time: | 15:56:36 |
| Start date: | 03/08/2021 |
| Path: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Wow64 process (32bit): | false |
| Commandline: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Imagebase: | 0xbf0000 |
| File size: | 1202688 bytes |
| MD5 hash: | 532B5C7F4E3212A0D05E51C85864CAF6 |
| Has elevated privileges: | true |
| Has administrator privileges: | true |
| Programmed in: | C, C++ or other language |
| Reputation: | low |

## Analysis Process: doc_2021_98666_SIGNED - PRO FACTURA.exe PID: 6836 Parent PID: 6512

### General

| | |
|---|---|
| Start time: | 15:56:37 |
| Start date: | 03/08/2021 |
| Path: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Wow64 process (32bit): | false |
| Commandline: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Imagebase: | 0xbb0000 |
| File size: | 1202688 bytes |
| MD5 hash: | 532B5C7F4E3212A0D05E51C85864CAF6 |
| Has elevated privileges: | true |
| Has administrator privileges: | true |
| Programmed in: | C, C++ or other language |
| Reputation: | low |

## Analysis Process: doc_2021_98666_SIGNED - PRO FACTURA.exe PID: 6848 Parent PID: 6512

### General

| | |
|---|---|
| Start time: | 15:56:37 |
| Start date: | 03/08/2021 |
| Path: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Wow64 process (32bit): | false |
| Commandline: | C:\Users\user\Desktop\doc_2021_98666_SIGNED - PRO FACTURA.exe |
| Imagebase: | 0x7c0000 |
| File size: | 1202688 bytes |
| MD5 hash: | 532B5C7F4E3212A0D05E51C85864CAF6 |
| Has elevated privileges: | true |
| Has administrator privileges: | true |
| Programmed in: | C, C++ or other language |
| Reputation: | low |

# Disassembly

## Code Analysis