ID: 553242
Sample Name: OZra.dll
Cookbook: default.jbs
Time: 14:42:15
Date: 14/01/2022
Version: 34.0.0 Boulder Opal

Table of Contents

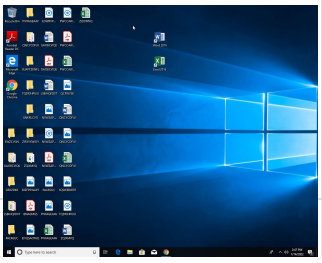
Windows Analysis Report OZra.dll

Overview

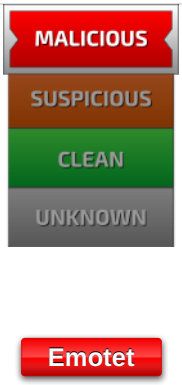
General Information

Sample Name:	OZra.dll
Analysis ID:	553242
MD5:	02f53c085fb9153..
SHA1:	d6325cb54c0f234..
SHA256:	04b4a8ee23f3b9f..
Tags:	dll
Infos:	

Most interesting Screenshot:



Detection

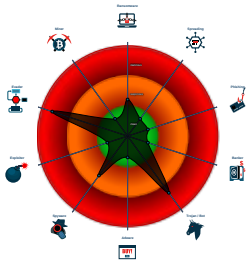


Score:	100
Range:	0 - 100
Whitelisted:	false
Confidence:	100%

Signatures

- Found malware configuration
- Snort IDS alert for network traffic (e.…
- Multi AV Scanner detection for subm…
- Yara detected Emotet
- System process connects to networ…
- Changes security center settings (no…
- Machine Learning detection for samp…
- Found evasive API chain (may stop…
- Sigma detected: Suspicious Call by …
- C2 URLs / IPs found in malware con…
- Hides that the sample has been dow…
- Uses 32bit PE files

Classification



Process Tree

- **System is w10x64**
- svchost.exe (PID: 3012 cmdline: C:\Windows\System32\svchost.exe -k netsvcs -p MD5: 32569E403279B3FD2EDB7EBD036273FA)
- loaddll32.exe (PID: 4884 cmdline: loaddll32.exe "C:\Users\user\Desktop\OZra.dll" MD5: 7DEB5DB86C0AC789123DEC286286B938)
  - cmd.exe (PID: 4352 cmdline: cmd.exe /C rundll32.exe "C:\Users\user\Desktop\OZra.dll",#1 MD5: F3BDBE3BB6F734E357235F4D5898582D)
    - rundll32.exe (PID: 2800 cmdline: rundll32.exe "C:\Users\user\Desktop\OZra.dll",#1 MD5: D7CA562B0DB4F4DD0F03A89A1FDAD63D)
      - rundll32.exe (PID: 4428 cmdline: C:\Windows\SysWOW64\rundll32.exe "C:\Users\user\Desktop\OZra.dll",DllRegisterServer MD5: D7CA562B0DB4F4DD0F03A89A1FDAD63D)
        - rundll32.exe (PID: 5264 cmdline: C:\Windows\SysWOW64\rundll32.exe "C:\Windows\SysWOW64\Ntodyweq\mtnyr.hby",XUkCH MD5: D7CA562B0DB4F4DD0F03A89A1FDAD63D)
          - rundll32.exe (PID: 5656 cmdline: C:\Windows\SysWOW64\rundll32.exe "C:\Windows\System32\Ntodyweq\mtnyr.hby",DllRegisterServer MD5: D7CA562B0DB4F4DD0F03A89A1FDAD63D)
  - regsvr32.exe (PID: 3540 cmdline: regsvr32.exe /s C:\Users\user\Desktop\OZra.dll MD5: 426E7499F6A7346F0410DEAD0805586B)
    - rundll32.exe (PID: 6420 cmdline: C:\Windows\SysWOW64\rundll32.exe "C:\Users\user\Desktop\OZra.dll",DllRegisterServer MD5: D7CA562B0DB4F4DD0F03A89A1FDAD63D)
  - rundll32.exe (PID: 3132 cmdline: rundll32.exe C:\Users\user\Desktop\OZra.dll,DllRegisterServer MD5: D7CA562B0DB4F4DD0F03A89A1FDAD63D)
  - WerFault.exe (PID: 6280 cmdline: C:\Windows\SysWOW64\WerFault.exe -u -p 4884 -s 512 MD5: 9E2B8ACAD48ECCA55C0230D63623661B)
- svchost.exe (PID: 4088 cmdline: C:\Windows\System32\svchost.exe -k WerSvcGroup MD5: 32569E403279B3FD2EDB7EBD036273FA)
  - WerFault.exe (PID: 3612 cmdline: C:\Windows\SysWOW64\WerFault.exe -pss -s 480 -p 4884 -ip 4884 MD5: 9E2B8ACAD48ECCA55C0230D63623661B)
  - WerFault.exe (PID: 724 cmdline: C:\Windows\SysWOW64\WerFault.exe -pss -s 504 -p 4884 -ip 4884 MD5: 9E2B8ACAD48ECCA55C0230D63623661B)
- svchost.exe (PID: 5556 cmdline: C:\Windows\System32\svchost.exe -k netsvcs -p -s BITS MD5: 32569E403279B3FD2EDB7EBD036273FA)
- svchost.exe (PID: 6288 cmdline: c:\windows\system32\svchost.exe -k localservice -p -s CDPSvc MD5: 32569E403279B3FD2EDB7EBD036273FA)
- svchost.exe (PID: 6372 cmdline: c:\windows\system32\svchost.exe -k networkservice -p -s DoSvc MD5: 32569E403279B3FD2EDB7EBD036273FA)
- svchost.exe (PID: 6428 cmdline: C:\Windows\System32\svchost.exe -k NetworkService -p MD5: 32569E403279B3FD2EDB7EBD036273FA)
- SgrmBroker.exe (PID: 6544 cmdline: C:\Windows\system32\SgrmBroker.exe MD5: D3170A3F3A9626597EEE1888686E3EA6)
- svchost.exe (PID: 6592 cmdline: c:\windows\system32\svchost.exe -k localservicenetworkrestricted -p -s wscsvc MD5: 32569E403279B3FD2EDB7EBD036273FA)
  - MpCmdRun.exe (PID: 6896 cmdline: "C:\Program Files\Windows Defender\mpcmdrun.exe" -wdenable MD5: A267555174BFA53844371226F482B86B)
    - conhost.exe (PID: 6832 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
- svchost.exe (PID: 6780 cmdline: C:\Windows\System32\svchost.exe -k netsvcs -p MD5: 32569E403279B3FD2EDB7EBD036273FA)
- svchost.exe (PID: 6968 cmdline: C:\Windows\System32\svchost.exe -k netsvcs -p MD5: 32569E403279B3FD2EDB7EBD036273FA)
- svchost.exe (PID: 3108 cmdline: C:\Windows\System32\svchost.exe -k netsvcs -p MD5: 32569E403279B3FD2EDB7EBD036273FA)
- **cleanup**

Malware Configuration

Threatname: Emotet

```
{
  "C2 list": [
    "45.138.98.34:80",
    "69.16.218.101:8080",
    "51.210.242.234:8080",
    "185.148.168.220:8080",
    "142.4.219.173:8080",
    "54.38.242.185:443",
    "191.252.103.16:80",
    "104.131.62.48:8080",
    "62.171.178.147:8080",
    "217.182.143.207:443",
    "168.197.250.14:80",
    "37.44.244.177:8080",
    "66.42.57.149:443",
    "210.57.209.142:8080",
    "159.69.237.188:443",
    "116.124.128.206:8080",
    "128.199.192.135:8080",
    "195.154.146.35:443",
    "185.148.168.15:8080",
    "195.77.239.39:8080",
    "207.148.81.119:8080",
    "85.214.67.203:8080",
    "190.90.233.66:443",
    "78.46.73.125:443",
    "78.47.204.80:443",
    "37.59.209.141:8080",
    "54.37.228.122:443"
  ],
  "Public Key": [
    "RUNTMSAAAAD0LxqDNhonUYwk8sqo7IWuUllRdUiUBnACc6romsQoe1YJD7wIe4AheqYofpZFucPDXCZ0z9i+ooUffqeoLZU0",
    "RUNLMSAAAADYNZPXY4tQxd/N4Wn5sTYAm5tUOxY2ol1ELrI4MNhHNi640vSLasjYTHpFRBoG+o84vtr7AJachCzOHjaAJFCW"
  ]
}
```


Yara Overview

Memory Dumps

Source	Rule	Description	Author	Strings
00000001.00000000.277230906.0000000001291000.00000020.00000001.sdmp	JoeSecurity_Emotet_1	Yara detected Emotet	Joe Security	
00000004.00000002.245550881.00000000045A1000.00000020.00000001.sdmp	JoeSecurity_Emotet_1	Yara detected Emotet	Joe Security	
0000000A.00000002.767948147.0000000003FC0000.00000040.00000001.sdmp	JoeSecurity_Emotet_1	Yara detected Emotet	Joe Security	
00000001.00000000.277049276.0000000001250000.00000040.00000001.sdmp	JoeSecurity_Emotet_1	Yara detected Emotet	Joe Security	
0000000A.00000002.769802750.0000000004F00000.00000040.00000001.sdmp	JoeSecurity_Emotet_1	Yara detected Emotet	Joe Security	
Click to see the 51 entries				

Unpacked PEs

Source	Rule	Description	Author	Strings
6.2.rundll32.exe.4db0000.7.unpack	JoeSecurity_Emotet_1	Yara detected Emotet	Joe Security	
5.2.rundll32.exe.4c50000.5.unpack	JoeSecurity_Emotet_1	Yara detected Emotet	Joe Security	
1.0.loaddll32.exe.1290000.3.unpack	JoeSecurity_Emotet_1	Yara detected Emotet	Joe Security	
9.2.rundll32.exe.4c80000.0.unpack	JoeSecurity_Emotet_1	Yara detected Emotet	Joe Security	
10.2.rundll32.exe.4c20000.14.raw.unpack	JoeSecurity_Emotet_1	Yara detected Emotet	Joe Security	
Click to see the 79 entries				

Sigma Overview

System Summary:

Sigma detected: Suspicious Call by Ordinal

Jbx Signature Overview

Click to jump to signature section

AV Detection:

Found malware configuration

Multi AV Scanner detection for submitted file

Machine Learning detection for sample

Networking:

Snort IDS alert for network traffic (e.g. based on Emerging Threat rules)

System process connects to network (likely due to code injection or exploit)

C2 URLs / IPs found in malware configuration

E-Banking Fraud:

Yara detected Emotet

System Summary:

Hooking and other Techniques for Hiding and Protection:

Hides that the sample has been downloaded from the Internet (zone.identifier)

Malware Analysis System Evasion:

Found evasive API chain (may stop execution after reading information in the PEB, e.g. number of processors)

HIPS / PFW / Operating System Protection Evasion:

System process connects to network (likely due to code injection or exploit)

Lowering of HIPS / PFW / Operating System Security Settings:

Changes security center settings (notifications, updates, antivirus, firewall)

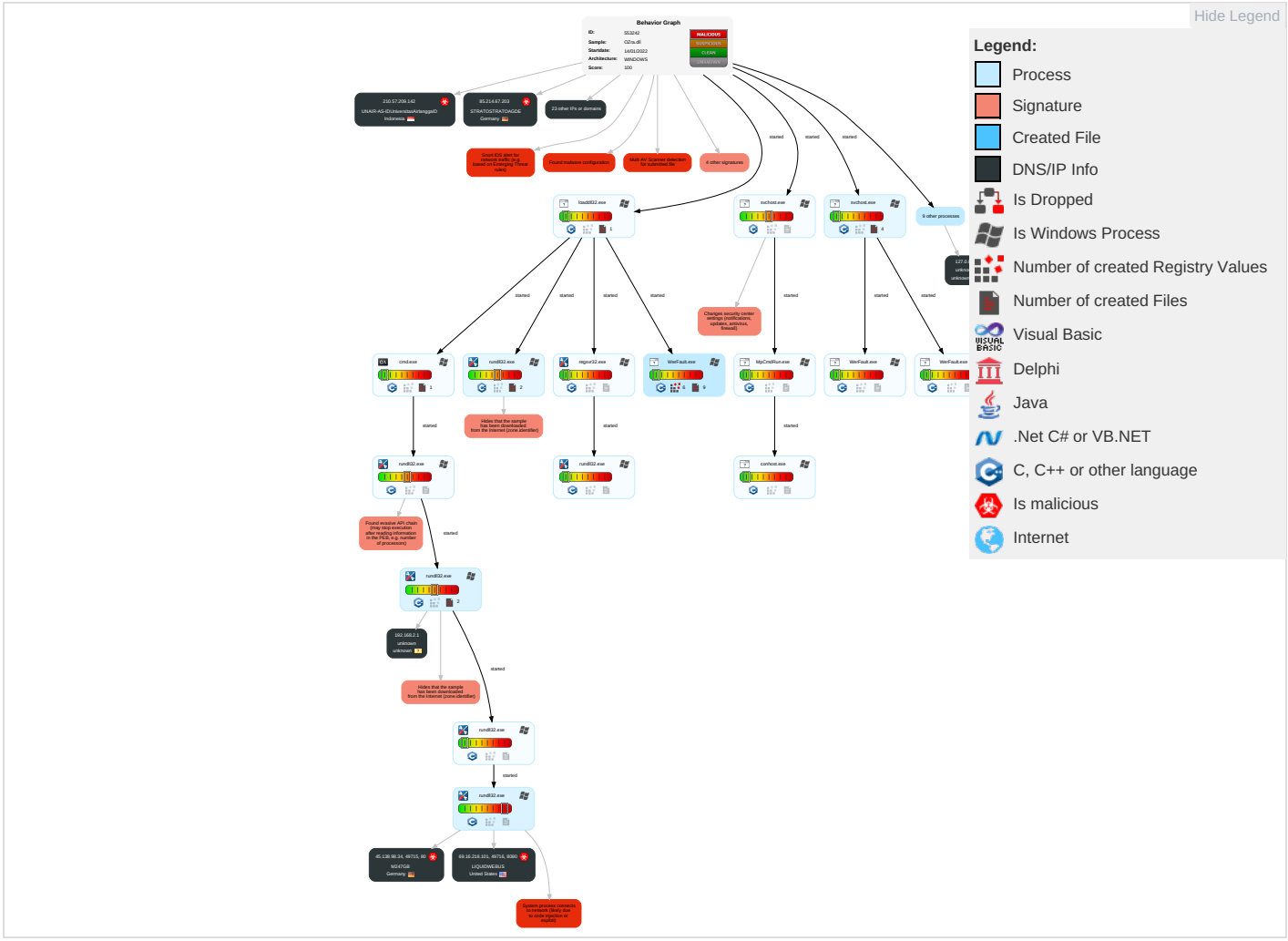
Stealing of Sensitive Information:

Yara detected Emotet

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Comma and Co
Valid Accounts	Windows Management Instrumentation 1	DLL Side-Loading 1	DLL Side-Loading 1	Disable or Modify Tools 1	Input Capture 2	System Time Discovery 1	Remote Services	Archive Collected Data 1	Exfiltration Over Other Network Medium	Ingress Transfe
Default Accounts	Native API 1 2	Boot or Logon Initialization Scripts	Process Injection 1 1 2	Deobfuscate/Decode Files or Information 1	LSASS Memory	File and Directory Discovery 1	Remote Desktop Protocol	Input Capture 2	Exfiltration Over Bluetooth	Encrypt Channe
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	Obfuscated Files or Information 2	Security Account Manager	System Information Discovery 4 5	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Non-St Port 1
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	DLL Side-Loading 1	NTDS	Query Registry 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Applica Layer Protoc
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	File Deletion 1	LSA Secrets	Security Software Discovery 6 1	SSH	Keylogging	Data Transfer Size Limits	Fallbac Channe
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Masquerading 2	Cached Domain Credentials	Virtualization/Sandbox Evasion 3	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Multiba Commu
External Remote Services	Scheduled Task	Startup Items	Startup Items	Virtualization/Sandbox Evasion 3	DCSync	Process Discovery 2	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Comm Used P
Drive-by Compromise	Command and Scripting Interpreter	Scheduled Task/Job	Scheduled Task/Job	Process Injection 1 1 2	Proc Filesystem	Application Window Discovery 1	Shared Webroot	Credential API Hooking	Exfiltration Over Symmetric Encrypted Non-C2 Protocol	Applica Layer F
Exploit Public-Facing Application	PowerShell	At (Linux)	At (Linux)	Hidden Files and Directories 1	/etc/passwd and /etc/shadow	Remote System Discovery 1	Software Deployment Tools	Data Staged	Exfiltration Over Asymmetric Encrypted Non-C2 Protocol	Web Pr
Supply Chain Compromise	AppleScript	At (Windows)	At (Windows)	Regsvr32 1	Network Sniffing	Process Discovery	Taint Shared Content	Local Data Staging	Exfiltration Over Unencrypted/Obfuscated Non-C2 Protocol	File Tra Protoc
Compromise Software Dependencies and Development Tools	Windows Command Shell	Cron	Cron	Rundll32 1	Input Capture	Permission Groups Discovery	Replication Through Removable Media	Remote Data Staging	Exfiltration Over Physical Medium	Mail Pr

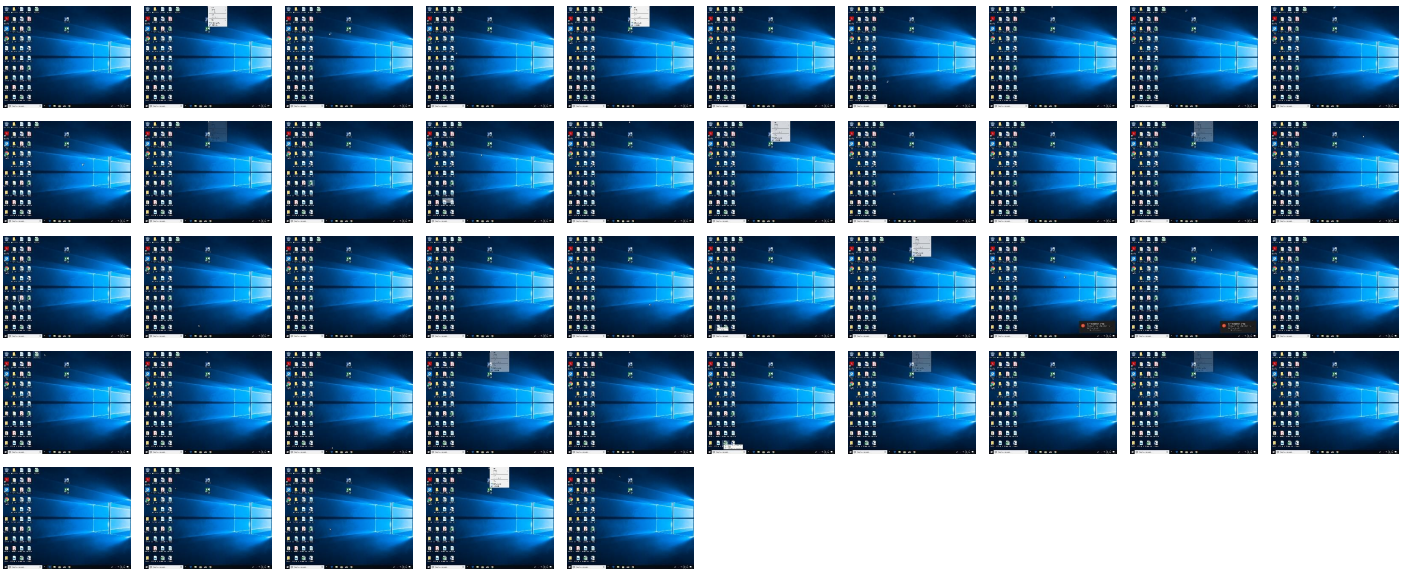
Behavior Graph



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
OZra.dll	38%	Virustotal		Browse
OZra.dll	44%	ReversingLabs	Win32.Trojan.Emotet	
OZra.dll	100%	Joe Sandbox ML		

Dropped Files

No Antivirus matches

Unpacked PE Files

Source	Detection	Scanner	Label	Link	Download
6.2.rundll32.exe.4db0000.7.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
1.0.loaddll32.exe.1250000.0.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
10.2.rundll32.exe.3fc0000.2.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
10.2.rundll32.exe.4880000.7.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
10.2.rundll32.exe.4c50000.15.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
10.2.rundll32.exe.4c20000.14.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
5.2.rundll32.exe.4b70000.3.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
6.2.rundll32.exe.4f60000.10.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
1.0.loaddll32.exe.1290000.3.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
5.2.rundll32.exe.4c50000.5.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File

Source	Detection	Scanner	Label	Link	Download
9.2.rundll32.exe.4c80000.0.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
5.2.rundll32.exe.2af0000.0.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
6.2.rundll32.exe.4c50000.5.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
10.2.rundll32.exe.3ff0000.3.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
5.2.rundll32.exe.4d10000.6.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
1.0.loaddll32.exe.1290000.1.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
1.0.loaddll32.exe.1250000.2.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
10.2.rundll32.exe.4a40000.11.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
10.2.rundll32.exe.4f30000.19.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
10.2.rundll32.exe.4f00000.18.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
10.2.rundll32.exe.2600000.1.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
9.2.rundll32.exe.4cb0000.1.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
6.2.rundll32.exe.4490000.1.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
10.2.rundll32.exe.4770000.4.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
6.2.rundll32.exe.4d80000.6.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
6.2.rundll32.exe.2c30000.0.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
5.2.rundll32.exe.4d40000.7.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
5.2.rundll32.exe.4c20000.4.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
10.2.rundll32.exe.49b0000.8.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
10.2.rundll32.exe.49e0000.9.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
5.2.rundll32.exe.2b50000.1.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
1.2.loaddll32.exe.1250000.0.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
10.2.rundll32.exe.51b0000.21.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
5.2.rundll32.exe.4d70000.8.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
10.2.rundll32.exe.5180000.20.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
1.2.loaddll32.exe.1290000.1.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
10.2.rundll32.exe.47a0000.5.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
6.2.rundll32.exe.4b30000.2.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
3.2.regsvr32.exe.2720000.0.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
3.2.regsvr32.exe.2750000.1.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
10.2.rundll32.exe.4d00000.16.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
4.2.rundll32.exe.2e50000.0.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
10.2.rundll32.exe.4850000.6.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
10.2.rundll32.exe.4a10000.10.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
10.2.rundll32.exe.25d0000.0.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
5.2.rundll32.exe.4b40000.2.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
6.2.rundll32.exe.4c20000.4.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
5.2.rundll32.exe.4da0000.9.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
10.2.rundll32.exe.4b00000.12.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
6.2.rundll32.exe.4b60000.3.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
10.2.rundll32.exe.4d30000.17.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
6.2.rundll32.exe.4de0000.8.unpack	100%	Avira	HEUR/AGEN.1145233		Download File
4.2.rundll32.exe.45a0000.1.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
10.2.rundll32.exe.4b30000.13.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
6.2.rundll32.exe.4e10000.9.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File
6.2.rundll32.exe.4f90000.11.unpack	100%	Avira	TR/Crypt.XPACK.Gen		Download File

Domains

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://https://www.disneyplus.com/legal/your-california-privacy-rights	0%	URL Reputation	safe	
http://crl.microsoft	0%	URL Reputation	safe	
http://https://www.tiktok.com/legal/report/feedback	0%	URL Reputation	safe	
http://https://%s.xboxlive.com	0%	URL Reputation	safe	
http://https://www.disneyplus.com/legal/privacy-policy	0%	URL Reputation	safe	
http://crl.m	0%	URL Reputation	safe	
http://https://dynamic.t	0%	URL Reputation	safe	
http://https://disneyplus.com/legal.	0%	URL Reputation	safe	
http://help.disneyplus.com.	0%	URL Reputation	safe	
http://https://%s.dnet.xboxlive.com	0%	URL Reputation	safe	

Domains and IPs

Contacted Domains

No contacted domains info

URLs from Memory and Binaries

Contacted IPs

Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
207.148.81.119	unknown	United States		20473	AS-CHOOPAUS	true
104.131.62.48	unknown	United States		14061	DIGITALOCEAN-ASNUS	true
85.214.67.203	unknown	Germany		6724	STRATOSTRATOAGDE	true
191.252.103.16	unknown	Brazil		27715	LocawebServicosdeInternet SABR	true
168.197.250.14	unknown	Argentina		264776	OmarAnselmoRipollTDCNET AR	true
66.42.57.149	unknown	United States		20473	AS-CHOOPAUS	true
185.148.168.15	unknown	Germany		44780	EVERSCALE-ASDE	true
51.210.242.234	unknown	France		16276	OVHFR	true
217.182.143.207	unknown	France		16276	OVHFR	true
69.16.218.101	unknown	United States		32244	LIQUIDWEBUS	true
159.69.237.188	unknown	Germany		24940	HETZNER-ASDE	true
45.138.98.34	unknown	Germany		9009	M247GB	true
116.124.128.206	unknown	Korea Republic of		9318	SKB-ASSKBroadbandCoLtdKR	true
78.46.73.125	unknown	Germany		24940	HETZNER-ASDE	true
37.59.209.141	unknown	France		16276	OVHFR	true
210.57.209.142	unknown	Indonesia		38142	UNAIR-AS-IDUniversitasAirlanggaID	true
185.148.168.220	unknown	Germany		44780	EVERSCALE-ASDE	true
54.37.228.122	unknown	France		16276	OVHFR	true
190.90.233.66	unknown	Colombia		18678	INTERNEXASAESPCO	true
142.4.219.173	unknown	Canada		16276	OVHFR	true
54.38.242.185	unknown	France		16276	OVHFR	true
195.154.146.35	unknown	France		12876	OnlineSASFR	true
195.77.239.39	unknown	Spain		60493	FICOSA-ASES	true
78.47.204.80	unknown	Germany		24940	HETZNER-ASDE	true
37.44.244.177	unknown	Germany		47583	AS-HOSTINGERLT	true
62.171.178.147	unknown	United Kingdom		51167	CONTABODE	true
128.199.192.135	unknown	United Kingdom		14061	DIGITALOCEAN-ASNUS	true

Private

IP
192.168.2.1
127.0.0.1

General Information

Joe Sandbox Version:	34.0.0 Boulder Opal
Analysis ID:	553242
Start date:	14.01.2022
Start time:	14:42:15
Joe Sandbox Product:	CloudBasic

Overall analysis duration:	0h 14m 38s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	OZra.dll
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:	33
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 • EGA enabled • HDC enabled • AMSI enabled
Analysis Mode:	default
Analysis stop reason:	Timeout
Detection:	MAL
Classification:	mal100.troj.evad.winDLL@38/17@0/29
EGA Information:	• Successful, ratio: 100%
HDC Information:	• Successful, ratio: 58.8% (good quality ratio 56.3%) • Quality average: 77.5% • Quality standard deviation: 27.1%
HCA Information:	• Successful, ratio: 100% • Number of executed functions: 0 • Number of non-executed functions: 0
Cookbook Comments:	• Adjust boot time • Enable AMSI • Found application associated with file extension: .dll • Override analysis time to 240s for rundll32
Warnings:	Show All

Simulations

Behavior and APIs

Time	Type	Description
14:43:17	API Interceptor	10x Sleep call for process: svchost.exe modified
14:43:38	API Interceptor	1x Sleep call for process: WerFault.exe modified
14:44:32	API Interceptor	1x Sleep call for process: MpCmdRun.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:\ProgramData\Microsoft\Network\Downloader\edb.chk	
Process:	C:\Windows\System32\svchost.exe
File Type:	data
Category:	dropped
Size (bytes):	8192
Entropy (8bit):	0.3593198815979092
Encrypted:	false
SSDEEP:	12:SnaaD0JcaaD0JwQQU2naaD0JcaaD0JwQQU:4tgJctgJw/tgJctgJw
MD5:	BF1DC7D5D8DAD7478F426DF8B3F8BAA6
SHA1:	C6B0BDE788F553F865D65F773D8F6A3546887E42
SHA-256:	BE47C764C38CA7A90A345BE183F5261E89B98743B5E35989E9A8BE0DA498C0F2
SHA-512:	00F2412AA04E09EA19A8315D80BE66D2727C713FC0F5AE6A9334BABA539817F568A98CA3A45B2673282BDD325B8B0E2840A393A4DCFADCB16473F5EAF2AF318 0
Malicious:	false
Preview:	.....*.....3...w.....C:\ProgramData\Microsoft\Network\Downloader\..... .....C:\ProgramData\Microsoft\Network\Downloader\..... .....0u.....@...@.....*..... ....

C:\ProgramData\Microsoft\Network\Downloader\edb.log	
Process:	C:\Windows\System32\svchost.exe
File Type:	MPEG-4 LOAS
Category:	dropped
Size (bytes):	1310720
Entropy (8bit):	0.24946776583282776
Encrypted:	false
SSDEEP:	1536:BJiRdfVzkZm3lyf49uyc0ga04PdHS9LrM/oVMUdSRU4A:BJiRdwfu2SRU4A
MD5:	465ABDD529EA4498CB16C2ACFC5DB5F6
SHA1:	02767AA3053DB1F3F73E2604FB84397A7995C519
SHA-256:	972A5618E6F0D1F6BBF7F6F62B90FECE5D613126521E415D90EBBC7CB4775B28
SHA-512:	EFA0250CB66958AA9DBBDDDC93602FD1A62D0D050DF9E9F45AE420DFE3CE6EF16AE6F998AAF4FD4E29325EF41BE8264462722FB0CE7009B18890E145AD9869 FD
Malicious:	false
Preview:	V.d.....@..@.3...w.....3...w.....C:\ProgramData\Microsoft\Network\Downloader\..... .....C:\ProgramData\Microsoft\Network\Downloader\..... .....0u.....@...@.....d#..... ....

C:\ProgramData\Microsoft\Network\Downloader\qmgr.db	
Process:	C:\Windows\System32\svchost.exe
File Type:	Extensible storage engine DataBase, version 0x620, checksum 0x02741378, page size 16384, Windows version 10.0
Category:	dropped
Size (bytes):	786432
Entropy (8bit):	0.2506813556936777
Encrypted:	false
SSDEEP:	384:qbT+W0StseCJ48EApW0StseCJ48E2rTSjlK/ebmLerYSRSY1J2:qbgSB2nSB2RSjlK/+mLesOj1J2
MD5:	A2C830B7B953A1894367A04F97B2E530
SHA1:	D4A3E5BA80381C16B301E0352D7094CA153A0098
SHA-256:	7AB81FA71BFB88A5B9380B6F1D25B8DB93EC6E36F05EFB6722548C25712093BD
SHA-512:	76499908BA5F6F2A2172CA9FC9A76C6CB35A7852896269BA8B45F9DAB0A468093266CFE7919230456F70D54B86FCB10F304AEB2E44FB21BE54B96177C26B01F4
Malicious:	false
Preview:	.t.x... .....e.f.3...w.....).....z}..+...z..h.(.....z}...).....3...w.....B.....@..... ....Z^.&.....z}.....M.....z}..... .....

C:\ProgramData\Microsoft\Network\Downloader\qmgr.jfm	
Process:	C:\Windows\System32\svchost.exe

C:\ProgramData\Microsoft\Network\Downloader\qmgr.jfm	
File Type:	data
Category:	dropped
Size (bytes):	16384
Entropy (8bit):	0.07717136714467188
Encrypted:	false
SSDEEP:	3:wGltJ7v0OHkfQkfMtl/3qMzJqDHWdlZcJtl/oll3VkttlmlnI:wmJr0O9kfMyw4D2dlcA3
MD5:	5680E3EC9F4D1AF1F2C17D1F133F408D
SHA1:	29DF8CF7FFF4BE9BF9F87377D9D220491ABDCE86
SHA-256:	4BB82CD44CC35F8D528BE7E00E05C44A5B67C2E5794505D2E0F76E8462F04BF0
SHA-512:	2ECB12883F064C768F262C4F8341720B6500BBC067762F4FDC13B29BAB26582FF56F18A3EFCECD2CE420D62A638150E6F80A8C6B4D3469AA710E30ABA28CBBE9
Malicious:	false
Preview:	."~.....3...w...+...z.....z}.....z}.....z}.....z.....M.....z}.....

C:\ProgramData\Microsoft\Windows\WER\ReportQueue\AppCrash_loaddll32.exe_d49576749d3595ac814f4573834167626620dc16_7cac0383_190371b4\Report.wer	
Process:	C:\Windows\SysWOW64\WerFault.exe
File Type:	Little-endian UTF-16 Unicode text, with CRLF line terminators
Category:	dropped
Size (bytes):	65536
Entropy (8bit):	0.7506388693610242
Encrypted:	false
SSDEEP:	96:n/FIzklxnYyoy9hayf7vf5pXIQcQvc6QcEDMcw3DS+a+z+HbHg/8BRTf3sFEJ5V7:/S4DntHBUZMX4jCq/u7shS274ltW
MD5:	F28325F1BE1872EBD68486CE491BA60A
SHA1:	9B51744A2F2458EB9C72FF04FE3BEEA11CF004CE
SHA-256:	7EBD88ADD5D56E7C50D1DE9C465D36BD5BDCB4F497EE2353E0B6EAA65D49CF41
SHA-512:	5FF48E702FBA503251581FDF5035B7E4CFAF2BB9181FA264EA03D4FDA6E05442B0284B278D1E587328FABE05D646E54019954E34631F195D528786A6EEE4108D
Malicious:	false
Preview:	..V.e.r.s.i.o.n.=.1.....E.v.e.n.t.T.y.p.e.=.A.P.P.C.R.A.S.H.....E.v.e.n.t.T.i.m.e.=.1.3.2.8.6.6.7.3.8.0.9.3.9.1.3.6.1.6.....R.e.p.o.r.t.T.y.p.e.=.2.....C.o.n.s.e.n.t.=.1.....U.p.l.o.a.d.T.i.m.e.=.1.3.2.8.6.6.7.3.8.1.6.7.5.0.7.2.7.6.....R.e.p.o.r.t.S.t.a.t.u.s.=.5.2.4.3.8.4.....R.e.p.o.r.t.I.d.e.n.t.i.f.i.e.r.=.1.1.d.2.2.0.6.0.-.c.5.1.1.-.4.9.d.0.-.8.9.7.f.-.4.5.3.9.d.0.9.b.6.5.0.8.....I.n.t.e.g.r.a.t.o.r.R.e.p.o.r.t.I.d.e.n.t.i.f.i.e.r.=.d.d.f.4.a.9.4.9.-.2.a.3.5.-.4.c.8.b.-.8.e.6.c.-.3.a.f.1.f.9.7.3.9.a.2.1.....W.o.w.6.4.H.o.s.t.=.3.4.4.0.4.....W.o.w.6.4.G.u.e.s.t.=.3.3.2.....N.s.A.p.p.N.a.m.e.=.l.o.a.d.d.l.l.3.2...e.x.e.....A.p.p.S.e.s.s.i.o.n.G.u.i.d.=.0.0.0.0.1.3.1.4.-.0.0.0.1.-.0.0.1.7.-.9.c.4.1.-.b.2.1.9.9.8.0.9.d.8.0.1.....T.a.r.g.e.t.A.p.p.I.d.=.W.:.0.0.0.0.d.a.3.9.a.3.e.e.5.e.6.b.4.b.0.d.3.2.5.5.b.f.e.f.9.5.6.0.1.8.9.0.a.f.d.8.0.7.0.9.!.0.0.0.0.d.a.3.9.a.3.e.e.5.e.6.b.4.b.0.d.3.2.5.5.b.f.e.f.9.5.6.0.1.8.9.0.a.f.d.8.0.7.0.9.!.l.o.a.d.d.l.l.3.2...e.x.e.....T.a.r.g.e.t.A.p.p.V.e.

C:\ProgramData\Microsoft\Windows\WER\Temp\WER4DEF.tmp.dmp	
Process:	C:\Windows\SysWOW64\WerFault.exe
File Type:	Mini DuMP crash report, 15 streams, Fri Jan 14 22:43:30 2022, 0x1205a4 type
Category:	dropped
Size (bytes):	48644
Entropy (8bit):	1.9429433285006998
Encrypted:	false
SSDEEP:	192:cpNyuIFOeENKJSX75LalissSclvkoRd0Re4+/rUuINfoqkGi8PwvAON:vuhesKwX75LalBstiEKRe/TUjdoqlNO
MD5:	D69C60F9488D58C16696628A84FCD897
SHA1:	F8F9D5B5E960955AB89B5D24E8C6E85DB407F108
SHA-256:	002BE434B3EEF36E8BC8DF37F3F002FCF896FF0C0BE574525DEB5B76B5065C3B
SHA-512:	C788BA84E7120CDA061159BE1EDC2D817CCB67FE2AAB47C8B3485A5C1549489DB2715467AC26ADE1249A6EBB1275141AB9E8068D0150F65F317CBDB2EE3B1899
Malicious:	false
Preview:	MDMP..... .....a.....4...b&.....`.....8.....T.....\.....H.....U.....B..... ...GenuineIntelW.....T.....{..a.....0.....P.a.c.i.f.i.c. .S.t.a.n.d.a.r.d. .T.i.m.e.....P.a.c.i.f.i.c. .D.a.y.l.i.g.h.t. .T.i.m.e..... .....1.7.1.3.4...1...x.8.6.f.r.e...r.s.4._.r.e.l.e.a.s.e...1.8.0.4.1.0.-.1.8.0.4.....

C:\ProgramData\Microsoft\Windows\WER\Temp\WER5469.tmp.WERInternalMetadata.xml	
Process:	C:\Windows\SysWOW64\WerFault.exe
File Type:	XML 1.0 document, Little-endian UTF-16 Unicode text, with CRLF line terminators
Category:	dropped
Size (bytes):	8304
Entropy (8bit):	3.6959842977695954
Encrypted:	false
SSDEEP:	192:Rrl7r3GLNiq26NYknnQ6YgtSUVea7JgmfISoCpr189bpqsfL9jm:RrlsNiT6NYknnQ6YaSUVea7JgmfISypi

C:\ProgramData\Microsoft\Windows\WER\Temp\WER5469.tmp.WERInternalMetadata.xml	
MD5:	B9BCAF40B3304E5E16CD51CFF6F3CE0A
SHA1:	D150E91CEB744A327F1286A248340BBCBF6A392F
SHA-256:	4C8F41AF7BB2EAE7D83EC354937D27A3123DB5FF42B80B68547D4850CEB81B94
SHA-512:	A157F21A5BE22DE5C698F6998E50D4D2351928D11A9B7F332824FFD0E525D56DC3D94DB73D2FEF8C9616B2696BEDDF4C2F22B71DE8B5D07F4B41115B2DFFC31
Malicious:	false
Preview:	..<.?.x.m.l. .v.e.r.s.i.o.n.=.".1...0.". .e.n.c.o.d.i.n.g.=.".U.T.F.-.1.6.".?.>.....<.W.E.R.R.e.p.o.r.t.M.e.t.a.d.a.t.a.>.....<.O.S.V.e.r.s.i.o.n.I.n.f.o.r.m.a.t.i.o.n.>.....<.W.i.n.d.o.w.s.N.T.V.e.r.s.i.o.n.>.1.0...0.</.W.i.n.d.o.w.s.N.T.V.e.r.s.i.o.n.>.....<.B.u.i.l.d.>.1.7.1.3.4.</.B.u.i.l.d.>.....<.P.r.o.d.u.c.t.>.(.0.x.3.0.).:. .W.i.n.d.o.w.s. .1.0. .P.r.o.</.P.r.o.d.u.c.t.>.....<.E.d.i.t.i.o.n.>.P.r.o.f.e.s.s.i.o.n.a.l.</.E.d.i.t.i.o.n.>.....<.B.u.i.l.d.S.t.r.i.n.g.>.1.7.1.3.4...1...a.m.d.6.4.f.r.e...r.s.4._.r.e.l.e.a.s.e...1.8.0.4.1.0.-.1.8.0.4.</.B.u.i.l.d.S.t.r.i.n.g.>.....<.R.e.v.i.s.i.o.n.>.1.</.R.e.v.i.s.i.o.n.>.....<.F.l.a.v.o.r.>.M.u.l.t.i.p.r.o.c.e.s.s.o.r. .F.r.e.e.</.F.l.a.v.o.r.>.....<.A.r.c.h.i.t.e.c.t.u.r.e.>.X.6.4.</.A.r.c.h.i.t.e.c.t.u.r.e.>.....<.L.C.I.D.>.1.0.3.3.</.L.C.I.D.>.....</.O.S.V.e.r.s.i.o.n.I.n.f.o.r.m.a.t.i.o.n.>.....<.P.r.o.c.e.s.s.I.n.f.o.r.m.a.t.i.o.n.>.....<.P.i.d.>.4.8.8.4.</.P.i.d.>.....

C:\ProgramData\Microsoft\Windows\WER\Temp\WER597B.tmp.xml	
Process:	C:\Windows\SysWOW64\WerFault.exe
File Type:	XML 1.0 document, ASCII text, with CRLF line terminators
Category:	dropped
Size (bytes):	4556
Entropy (8bit):	4.428601721586837
Encrypted:	false
SSDEEP:	48:cvIwSD8zsktJgtWI9LzWSC8Bb8fm8M4J2+gwFYM+q84/lOKcQIcQw0Yd:uITfY0CSNyJlwKkw0Yd
MD5:	FBCAEEA3953C70F78171924BF485C2F6
SHA1:	CAF252CCBFE9B556A7FCCE311B911F981A5F4240
SHA-256:	95E4C15F976F7939CF70EC8C62FC5BCA0290584C88D28514A593F88CDD8B3F54
SHA-512:	F0833A0BDB346EED5F1A6E4EF99024B625779460B0E93811BBA8057AA847E9D61586867B7C64533E37CBA701E6C11627AB1F60CAEC8FEC2247DE61FE44E439F
Malicious:	false
Preview:	<?xml version="1.0" encoding="UTF-8" standalone="yes"?>..<req ver="2">.. <tlm>.. <src>.. <desc>.. <mach>.. <os>.. <arg nm="vermaj" val="10" />.. <arg nm="vermin" val="0" />.. <arg nm="verbld" val="17134" />.. <arg nm="vercsdbld" val="1" />.. <arg nm="verqfe" val="1" />.. <arg nm="csdbld" val="1" />.. <arg nm="versp" val="0" />.. <arg nm="arch" val="9" />.. <arg nm="lcid" val="1033" />.. <arg nm="geoid" val="244" />.. <arg nm="sku" val="48" />.. <arg nm="domain" val="0" />.. <arg nm="prodsuite" val="256" />.. <arg nm="ntprodtype" val="1" />.. <arg nm="platid" val="2" />.. <arg nm="tmsi" val="1342554" />.. <arg nm="osinsty" val="1" />.. <arg nm="iever" val="11.1.17134.0-11.0.47" />.. <arg nm="portos" val="0" />.. <arg nm="ram" val="4096" />..

C:\ProgramData\Microsoft\Windows\WER\Temp\WER64CE.tmp.csv	
Process:	C:\Windows\System32\svchost.exe
File Type:	data
Category:	dropped
Size (bytes):	51642
Entropy (8bit):	3.058854812718369
Encrypted:	false
SSDEEP:	768:CFHrr14TLEcPX2ANPjLkGYH0woPJYuuVl7haiGq7:CFHrh4TJPX3NPjLkGYH0woP2ll7hBGO
MD5:	A591BBE032DAFE2DE36242F4848E00FB
SHA1:	0128F7A589D3F29AA48272A32A4D1060D143C93E
SHA-256:	8529DAAF9898B82F608AB28C9C21435FD55985C9146FA10EF22B361142D185FA
SHA-512:	558AF71E4686D575DB7C1A366FDC4D8717C4F61839ADCC81BB32597B5E0F63033BE2AE9E36AC57A029BE2717F35829F8BF5CA4E10D9C7CCECCE34437F6EF678
Malicious:	false
Preview:	I.m.a.g.e.N.a.m.e.,.U.n.i.q.u.e.P.r.o.c.e.s.s.I.d.,.N.u.m.b.e.r.O.f.T.h.r.e.a.d.s.,.W.o.r.k.i.n.g.S.e.t.P.r.i.v.a.t.e.S.i.z.e.,.H.a.r.d.F.a.u.l.t.C.o.u.n.t.,.N.u.m.b.e.r.O.f.T.h.r.e.a.d.s.H.i.g.h.W.a.t.e.r.m.a.r.k.,.C.y.c.l.e.T.i.m.e.,.C.r.e.a.t.e.T.i.m.e.,.U.s.e.r.T.i.m.e.,.K.e.r.n.e.l.T.i.m.e.,.B.a.s.e.P.r.i.o.r.i.t.y.,.P.e.a.k.V.i.r.t.u.a.l.S.i.z.e.,.V.i.r.t.u.a.l.S.i.z.e.,.P.a.g.e.F.a.u.l.t.C.o.u.n.t.,.W.o.r.k.i.n.g.S.e.t.S.i.z.e.,.P.e.a.k.W.o.r.k.i.n.g.S.e.t.S.i.z.e.,.Q.u.o.t.a.P.e.a.k.P.a.g.e.d.P.o.o.l.U.s.a.g.e.,.Q.u.o.t.a.P.a.g.e.d.P.o.o.l.U.s.a.g.e.,.Q.u.o.t.a.P.e.a.k.N.o.n.P.a.g.e.d.P.o.o.l.U.s.a.g.e.,.Q.u.o.t.a.N.o.n.P.a.g.e.d.P.o.o.l.U.s.a.g.e.,.P.a.g.e.f.i.l.e.U.s.a.g.e.,.P.e.a.k.P.a.g.e.f.i.l.e.U.s.a.g.e.,.P.r.i.v.a.t.e.P.a.g.e.C.o.u.n.t.,.R.e.a.d.O.p.e.r.a.t.i.o.n.C.o.u.n.t.,.W.r.i.t.e.O.p.e.r.a.t.i.o.n.C.o.u.n.t.,.O.t.h.e.r.O.p.e.r.a.t.i.o.n.C.o.u.n.t.,.R.e.a.d.T.r.a.n.s.f.e.r.C.o.u.n.t.,.W.r.i.t.e.T.r.a.n.s.f.e.r.C.o.u.n.t.,.O.t.h.e.r.T.r.a.n.s.f.e.r.C.o.u.n.t.,.H.a.n.

C:\ProgramData\Microsoft\Windows\WER\Temp\WER681B.tmp.txt	
Process:	C:\Windows\System32\svchost.exe
File Type:	data
Category:	dropped
Size (bytes):	13340
Entropy (8bit):	2.6953081624194657
Encrypted:	false
SSDEEP:	96:9GiZYWY2cuflwYfYOYqWkHeYEZI2tk0izouIsw+tXJH2anQJ8PMeYIIu3:9jZDYHLwplhtoanQJ8PMe/Iu3
MD5:	D7B1796E0FBAA035943AF707FD6B7D7C
SHA1:	DFB2410CF51E6FB7B490FF4E6D10CA3925CDDC6A
SHA-256:	826A659F304316267597BFDD965EE8775331E0A7D47FDF4C70706734DCB28BD6
SHA-512:	4FE05426E7AE5377B698FDC63DD214847B7016D725A3E1F7B27198E91DBBE0D22040E505B546BB6AC8303D3C34259B470D623E42BB3D229D7507440F5725EC23
Malicious:	false

C:\ProgramData\Microsoft\Windows\WER\Temp\WER681B.tmp.txt	
Preview:	B...T.i.m.e.r.R.e.s.o.l.u.t.i.o.n. . . . . .1.5.6.2.5.0.....B...P.a.g.e.S.i.z.e. . . . . .4.0.9.6.....B...N.u m.b.e.r.O.f.P.h.y.s.i.c.a.l.P.a.g.e.s. . . . . .1.0.4.8.3.1.5.....B...L.o.w.e.s.t.P.h.y.s.i.c.a.l.P.a.g.e.N.u.m.b.e.r. . . . . .1. ....B...H.i.g.h.e.s.t.P.h.y.s.i.c.a.l.P.a.g.e.N.u.m.b.e.r. . . . . .1.3.1.0.7.1.9.....B...A.l.l.o.c.a.t.i.o.n.G.r.a.n.u.l.a.r.i.t.y. . . . . . .6.5.5.3.6.....B...M.i.n.i.m.u.m.U.s.e.r.M.o.d.e.A.d.d.r.e.s.s. . . . . .6.5.5.3.6.....B...M.a.x.i.m.u.m.U.s.e.r.M.o.d.e.A.d.d.r.e.s.s. . . . . . .1.4.0.7.3.7.4.8.8.2.8.9.7.9.1.....B...A.c.t.i.v.e.P.r.o.c.e.s.s.o.r.s.A.f.f.i.n.i.t.y.M.a.s.k. . . . .

C:\Users\user\AppData\LocalLow\Microsoft\CryptnetUrlCache\Content\77EC63BDA74BD0D0E0426DC8F8008506	
Process:	C:\Windows\SysWOW64\rundll32.exe
File Type:	Microsoft Cabinet archive data, 61414 bytes, 1 file
Category:	dropped
Size (bytes):	61414
Entropy (8bit):	**7.995245868798237**
Encrypted:	**true**
SSDEEP:	1536:EysgU6qmzixT64jYMZ8HbVPGfVDwm/xLZ9rP:wF6qmeo4eH1m9wmLvrP
MD5:	ACAEDA60C79C6BCAC925EEB3653F45E0
SHA1:	2AAAE490BCDACCC6172240FF1697753B37AC5578
SHA-256:	6B0CECCF0103AFD89844761417C1D23ACC41F8AEBF3B7230765209B61EEE5658
SHA-512:	FEAA6E7ED7DDA1583739B3E531AB5C562A222EE6ECD042690AE7DCFF966717C6E968469A7797265A11F6E899479AE0F3031E8CF5BEBE1492D5205E9C5969090
Malicious:	false
Preview:	MSCF.....,.....I.....;w.....RSNj .authroot.stl..>.(.5..CK..8T....c_.d...A.K...+.d.H..*i.RJJ.IQIR..$t)Kd.-[..T\{..ne.....<.w.....A..B.....c...wi.....D....c.0D,L.....f y....Rg...=.....i,3.3..Z....~^ve<...TF.*...f.zy.,...m.@.0.0...m.3..I(..+..v#...(.2....e...L..*y..V.....~U...."<ke.....l.X:Dt..R<7.5\A7L0=..T.V...IDr..8<....r&...I-.^..b.b.".Af....E.._.. r.>.`;,.Hob..S.....7'..\.R$."..g..+..64..@nP.....k3...B.`.G..@D.....L.....`^...#OpW.....!....`.....rf:.}.R.@....gR.#7....I..H.#...d.Qh..3..fCX....==#..M.I..~&....[.J9.\..Ww.....Tx.%....]..a4E ...q.+...#.*a..x..O..V.t..Y1!.T..`U...-...< _@...|(.....0..3.`.LU...E0.Gu.4KN....5...?.....I.p..'.........N<.d.O..dH@c1t...[w/...T....cYK.X>.0..Z.....O>..9.3.#9X.%.b...5.YK.E.V.....`./.3.._ ..nN]..=..M.o.F.._..z....._...gY..!Z..?l....vp.l.:.d.Z..W.....~...N.._k...&.....$.....i.F.d.....D!e.....Y..,.E..m.;.1... $.F..O.F.o_}.uG....,.%.>,.Zx.....o....c../.;....g&.....

C:\Users\user\AppData\LocalLow\Microsoft\CryptnetUrlCache\MetaData\77EC63BDA74BD0D0E0426DC8F8008506	
Process:	C:\Windows\SysWOW64\rundll32.exe
File Type:	data
Category:	modified
Size (bytes):	328
Entropy (8bit):	3.124456801251151
Encrypted:	false
SSDEEP:	6:kKFFk8SN+SkQlPlEGYRMY9z+4KlDA3RUeYlUmlUR/t:L9kPlE99SNxAhUeYlUSA/t
MD5:	5B5EAE4BB54915A44699351F88F38220
SHA1:	F53BDBB16DA772D2EBF31E912A2224E92D27CD1A
SHA-256:	C13E3A36CA5D477B613D16A722FE42778DD4EA1F6CE3670EF53E44111D585624
SHA-512:	331136355A9FA6D25156BCD9E4AC2556906B7256BCB324AA40206E68798C39C8AF2445DF3B2CF91A636B74F623EADA8D7E7E53D5C8CEE6E0EDC4062F5A1E88 E
Malicious:	false
Preview:	p..... .....%....(..... ....q.\].....&.....h.t.t.p.:././.c.t.l.d.l...w.i.n.d.o.w.s.u.p.d.a.t.e...c.o.m./.m.s.d.o.w.n.l.o.a.d./.u.p.d.a.t.e./.v.3./. s.t.a.t.i.c./.t.r.u.s.t.e.d.r./.e.n./.a.u.t.h.r.o.o.t.s.t.l...c.a.b...".0.7.1.e.1.5.c.5.d.c.4.d.7.1.:.0."...

C:\Windows\ServiceProfiles\LocalService\AppData\Local\FontCache\Fonts\Download-1.tmp	
Process:	C:\Windows\System32\svchost.exe
File Type:	ASCII text, with no line terminators
Category:	dropped
Size (bytes):	55
Entropy (8bit):	4.306461250274409
Encrypted:	false
SSDEEP:	3:YDQRWu83XfAw2fHbY:YMRl83Xt2f7Y
MD5:	DCA83F08D448911A14C22EBCACC5AD57
SHA1:	91270525521B7FE0D986DB19747F47D34B6318AD
SHA-256:	2B4B2D4A06044AD0BD2AE3287CFCBECD90B959FEB2F503AC258D7C0A235D6FE9
SHA-512:	96F3A02DC4AE302A30A376FC7082002065C7A35ECB74573DE66254EFD701E8FD9E9D867A2C8ABEB4C482738291B715D4965A0D2412663FDF1EE6CBC0BA9FBA A
Malicious:	false
Preview:	{"fontSetUri":"fontset-2017-04.json","baseUri":"fonts"}

C:\Windows\ServiceProfiles\LocalService\AppData\Local\Temp\MpCmdRun.log	
Process:	C:\Program Files\Windows Defender\MpCmdRun.exe
File Type:	Little-endian UTF-16 Unicode text, with CRLF, CR line terminators
Category:	modified
Size (bytes):	9062
Entropy (8bit):	3.1666072484278063
Encrypted:	false

C:\Windows\ServiceProfiles\LocalService\AppData\Local\Temp\MpCmdRun.log

SSDEEP:	192:cY+38+DJDD+iDtJC+iw3+gF+O5+6tw+EStN+EjJ+O:j+s+5D+Me+X+u+M+j+l+q+O
MD5:	C8C5E01FA31B83DD2C49746AAFF8F4FA
SHA1:	B70040F6E27B5B438858D49D147ADAD46E6B8386
SHA-256:	0AB46C23B6AD1DC1086CA7748959D0B34415E54971101E9DAF3111EBCF57A96B
SHA-512:	61A0CE3607DB6BFB05A8299861C8322F50323984261EF5CC222866E8C89EBB8A2BAA668A10C7D89A1B985911437B5BA005EC7BC1A1544D2021FAD1DE7E92A1C 8
Malicious:	false
Preview:	.........-.....M.p.C.m.d.R.u.n.:. .C.o.m.m.a.n.d. .L.i.n.e.:. .".C.:.\.P.r.o.g.r.a.m. .F.i.l.e.s.\.W.i.n.d.o.w.s. .D.e.f.e.n.d.e.r.\.m.p.c.m.d.r.u.n...e.x.e.". .-.w.d.e.n.a.b.l.e..... .S.t.a.r.t. .T.i.m.e.:. .. T.h.u. .. J.u.n. .. 2.7. .. 2.0.1.9. .0.1.:.2.9.:. 4.9.........M.p.E.n.s.u.r.e.P.r.o.c.e.s.s.M.i.t.i.g.a.t.i.o.n.P.o.l.i.c.y.:. .h.r. .=. .0.x.1.....W.D.E.n.a.b.l.e.....E.R.R.O.R.:. .M.p.W.D.E.n.a.b.l.e.(.T.R.U.E.). .f.a.i.l.e.d. .(.8.0.0.7. 0.4.E.C.).....M.p.C.m.d.R.u.n.:. .E.n.d. .T.i.m.e.:. .. T.h.u. .. J.u.n. .. 2.7. .. 2.0.1.9. .0.1.:.2.9.:.4.9.....-............-.

C:\Windows\ServiceProfiles\NetworkService\AppData\Local\Microsoft\Windows\DeliveryOptimization\Logs\dosvc.20220114_224329_167.etl

Process:	C:\Windows\System32\svchost.exe
File Type:	data
Category:	dropped
Size (bytes):	12288
Entropy (8bit):	3.790876144538176
Encrypted:	false
SSDEEP:	96:dWC9rr2o+Ol5bJ9E/YfHCpII2ls1kDO4x8T2TjFzCNMCgdJRxj5tzNMCzj5yNMCq:rRKIalV2QL4CIeCbC0CdCVCa
MD5:	F3AF7B13D3F844434F90F0AF6B97FD4E
SHA1:	DE06AA716AD84FF4141B4BDB6FD50141408C380B
SHA-256:	2470DD979A970FA35AA86F2A7994E3512338E34CFE921B4B175526E380E6199F
SHA-512:	936571F87DD0CCF1AB7DF06A1D427E400AB89012B01518EBBFB2ACD73D149822CDF37F3ECBC6E07B98B7250EAD8CFCA54D0F9A3CE1FFE4C4312D3EC315850 12
Malicious:	false
Preview:	....!...B.............Zb... ... .@.t.z.r.e.s...d.l.l.,.-.2.1.2...@.t.z.r.e.s...d.l.l.,.-.2.1.1...N...=..... ....o&............8.6.9.6.E.A.C.4.-.1.2.8.8.-.4.2.8.8.-.A.4.E.E.-.4.9.E.E.4.3.1.B.0.A.D.9...C.:.\.W.i.n. d.o.w.s.\.S.e.r.v.i.c.e.P.r.o.f.i.l.e.s.\.N.e.t.w.o.r.k.S.e.r.v.i.c.e.\.A.p.p.D.a.t.a.\.L.o.c.a.l.\.M.i.c.r.o.s.o.f.t.\.W.i.n.d.o.w.s.\.D.e.l.i.v.e.r.y.O.p.t.i.m.i.z.a.t.i.o.n.\.L.o.g.s.\.d.o.s.v.c... 2.0.2.2.0.1.1.4._.2.2.4.3.2.9._.1.6.7...e.t.l.........P.P..

C:\Windows\appcompat\Programs\Amcache.hve

Process:	C:\Windows\SysWOW64\WerFault.exe
File Type:	MS Windows registry file, NT/2000 or above
Category:	dropped
Size (bytes):	1572864
Entropy (8bit):	4.274276542592412
Encrypted:	false
SSDEEP:	12288:Fco0wPd7ELz095PwMcYez6YLwlgbdR6fO1M7IvrbGfymO7ZZfb:q3wPd7ELz095PwPOBgy
MD5:	C9353E9FA22EF79F0EBDE3755BDC62BE
SHA1:	C0C1BA95938A870CB6D4C88674E6492016A89E18
SHA-256:	D6B630D73196F067512065945E4C218F3372B81F4692ED308B05B69502F75AFB
SHA-512:	FB778EAA8B74EE41DFE67F44D9C220D1405F5B3E9831813B4358A58ADE9FD0FBF0A4BF6597012485A4BFDE80B99C986CDEAE1A1DEC7E5D627619CD4A858D01 11
Malicious:	false
Preview:	regfW...W...p.\..,.................. ....\.A.p.p.C.o.m.p.a.t.\.P.r.o.g.r.a.m.s.\.A.m.c.a.c.h.e...h.v.e...4............E.4............E.....5............E.rmtmn..%..T.x...

C:\Windows\appcompat\Programs\Amcache.hve.LOG1

Process:	C:\Windows\SysWOW64\WerFault.exe
File Type:	MS Windows registry file, NT/2000 or above
Category:	dropped
Size (bytes):	16384
Entropy (8bit):	3.49740996801592
Encrypted:	false
SSDEEP:	192:61IASJ1uiJu6fXJqY35FSE02n5w3naY6iS3KPcKFptQOfkvWsadL:8e7VX5+nN9SaPcSptQOf6XadL
MD5:	A4D86F0282C5D401B3A7D529068E395C
SHA1:	465D3EC2063C988CBFBC72D3D2593243322125EF
SHA-256:	59B29847A25C57A796C4A93EC8358E4B9E41057B9543CCE97286C954987788FD
SHA-512:	9BA300EFDC540F3409F909F34A06E45835CF166A64EF3470AD809B4BA6BE82D8BABD2387347598046E83543EC8B578AF581F5F663D2AC54E8DA0E3338A24543B
Malicious:	false

C:\Windows\appcompat\Programs\Amcache.hve.LOG1	
Preview:	regfV...V...p.\.,..... .....\.A.p.p.C.o.m.p.a.t.\.P.r.o.g.r.a.m.s.\.A.m.c.a.c.h.e...h.v.e...4.....E.4.....E.....5.....E.rmtmn..%..... ....T.xHvLE.>.....V.....1..7.....0.....hbin.....p.\.,.....nk,.m..%..... .....&...{ad79c032-a2ea-f756-e377-72fb9332c3ae}.....nk .m..%..... .....8~..... .....Z.....Root.....lf.....Root....nk .m..%..... .....*.....DeviceCensus..... .....vk.....WritePermissionsCheck.....p...

Static File Info

General

File type:	PE32 executable (DLL) (GUI) Intel 80386, for MS Windows
Entropy (8bit):	7.0879816718219875
TrID:	• Win32 Dynamic Link Library (generic) (1002004/3) 95.65% • Win32 EXE PECompact compressed (generic) (41571/9) 3.97% • Generic Win/DOS Executable (2004/3) 0.19% • DOS Executable Generic (2002/1) 0.19% • Autodesk FLIC Image File (extensions: flc, fli, cel) (7/3) 0.00%
File name:	OZra.dll
File size:	417792
MD5:	02f53c085fb91533e4353e7a99ff8d57
SHA1:	d6325cb54c0f234d8cbd6573c5655e812ce22870
SHA256:	04b4a8ee23f3b9fa941c2ca67d4a3358bab9dd2ff608e15a05ab49f77473bbaa
SHA512:	813096226e106fadc034acf9fdcf8a2366bae117ceb78e4057dfb7cfa058b974a7f3656a7a2dcb6088d67df722c4607809c5fb89988e5ba9414e4d4d370b7f30
SSDEEP:	6144:o1ju3jPam65ucnNgDoDUhuGGwKveuD4VKYjHyCAJOhrmBlDxqms9ujAJKedmL/:yMjcuDaUImhStJorohvsMjmKe
File Content Preview:	MZ.....@.....!..L.!This program cannot be run in DOS mode....$.....Z'...F...F...F...I...F...I...F...F...D..9....F..9....F..9....F..9....F..9....F..9....F..Rich.F.....PE..L...k+.a...

File Icon

Icon Hash:	71b018ccc6577131

Static PE Info

General

Entrypoint:	0x10017b85
Entrypoint Section:	.text
Digitally signed:	false
Imagebase:	0x10000000
Subsystem:	windows gui
Image File Characteristics:	32BIT_MACHINE, EXECUTABLE_IMAGE, DLL
DLL Characteristics:	
Time Stamp:	0x61E02B6B [Thu Jan 13 13:38:51 2022 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:	90add561a8bf6976696c056c199a41b8

Entrypoint Preview

Rich Headers

Data Directories

Sections

Name	Virtual Address	Virtual Size	Raw Size	Xored PE	ZLIB Complexity	File Type	Entropy	Characteristics
.text	0x1000	0x27f5e	0x28000	False	0.514996337891	data	6.66251942868	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ
.rdata	0x29000	0x8410	0x9000	False	0.308892144097	data	4.8302842586	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ
.data	0x32000	0x2a9a0	0x27000	False	0.963572966747	data	7.93281036967	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_WRITE, IMAGE_SCN_MEM_READ
.rsrc	0x5d000	0x3664	0x4000	False	0.274780273438	data	4.49622273105	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ
.reloc	0x61000	0x8284	0x9000	False	0.33251953125	data	3.82081999119	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_DISCARDABLE, IMAGE_SCN_MEM_READ

Resources

Imports

Exports

Version Infos

Possible Origin

Language of compilation system	Country where language is spoken	Map
Chinese	China	
English	United States	

Network Behavior

Snort IDS Alerts

Timestamp	Protocol	SID	Message	Source Port	Dest Port	Source IP	Dest IP
01/14/22-14:43:24.587043	TCP	2404332	ET CNC Feodo Tracker Reported CnC Server TCP group 17	49715	80	192.168.2.7	45.138.98.34
01/14/22-14:43:25.851174	TCP	2404338	ET CNC Feodo Tracker Reported CnC Server TCP group 20	49716	8080	192.168.2.7	69.16.218.101

Network Port Distribution

TCP Packets

Code Manipulations

Statistics

Behavior

Click to jump to process

System Behavior

Analysis Process: svchost.exe PID: 3012 Parent PID: 560

General

Start time:	14:43:07
Start date:	14/01/2022
Path:	C:\Windows\System32\svchost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\System32\svchost.exe -k netsvcs -p
Imagebase:	0x7ff641cd0000
File size:	51288 bytes
MD5 hash:	32569E403279B3FD2EDB7EBD036273FA
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities

Show Windows behavior

Analysis Process: loaddll32.exe PID: 4884 Parent PID: 5408

General

Start time:	14:43:07
Start date:	14/01/2022
Path:	C:\Windows\System32\loaddll32.exe
Wow64 process (32bit):	true
Commandline:	loaddll32.exe "C:\Users\user\Desktop\OZra.dll"
Imagebase:	0xa60000
File size:	116736 bytes
MD5 hash:	7DEB5DB86C0AC789123DEC286286B938
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	• Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000001.00000000.277230906.0000000001291000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000001.00000000.277049276.0000000001250000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000001.00000000.273029517.0000000001250000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000001.00000002.305629952.0000000001291000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000001.00000000.273086006.0000000001291000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000001.00000002.305572210.0000000001250000.00000040.00000001.sdmp, Author: Joe Security

Reputation:	moderate

File Activities Show Windows behavior

Analysis Process: cmd.exe PID: 4352 Parent PID: 4884

General

Start time:	14:43:08
Start date:	14/01/2022
Path:	C:\Windows\SysWOW64\cmd.exe
Wow64 process (32bit):	true
Commandline:	cmd.exe /C rundll32.exe "C:\Users\user\Desktop\OZra.dll",#1
Imagebase:	0x870000
File size:	232960 bytes
MD5 hash:	F3BDBE3BB6F734E357235F4D5898582D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities Show Windows behavior

Analysis Process: regsvr32.exe PID: 3540 Parent PID: 4884

General

Start time:	14:43:08
Start date:	14/01/2022
Path:	C:\Windows\SysWOW64\regsvr32.exe
Wow64 process (32bit):	true
Commandline:	regsvr32.exe /s C:\Users\user\Desktop\OZra.dll
Imagebase:	0x190000
File size:	20992 bytes
MD5 hash:	426E7499F6A7346F0410DEAD0805586B
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	• Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000003.00000002.287148041.0000000002751000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000003.00000002.287090609.0000000002720000.00000040.00000001.sdmp, Author: Joe Security
Reputation:	high

Analysis Process: rundll32.exe PID: 2800 Parent PID: 4352

General

Start time:	14:43:08
Start date:	14/01/2022
Path:	C:\Windows\SysWOW64\rundll32.exe
Wow64 process (32bit):	true
Commandline:	rundll32.exe "C:\Users\user\Desktop\OZra.dll",#1
Imagebase:	0x40000
File size:	61952 bytes
MD5 hash:	D7CA562B0DB4F4DD0F03A89A1FDAD63D
Has elevated privileges:	true

Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	• Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000004.00000002.245550881.00000000045A1000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000004.00000002.245065589.0000000002E50000.00000040.00000001.sdmp, Author: Joe Security
Reputation:	high

Analysis Process: rundll32.exe PID: 3132 Parent PID: 4884

General

Start time:	14:43:09
Start date:	14/01/2022
Path:	C:\Windows\SysWOW64\rundll32.exe
Wow64 process (32bit):	true
Commandline:	rundll32.exe C:\Users\user\Desktop\OZra.dll,DllRegisterServer
Imagebase:	0x40000
File size:	61952 bytes
MD5 hash:	D7CA562B0DB4F4DD0F03A89A1FDAD63D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	• Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000005.00000002.287711363.0000000004C20000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000005.00000002.287766425.0000000004C51000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000005.00000002.288033255.0000000004DA1000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000005.00000002.287989838.0000000004D70000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000005.00000002.286831940.0000000002AF0000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000005.00000002.287948778.0000000004D41000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000005.00000002.287568705.0000000004B40000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000005.00000002.287633180.0000000004B71000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000005.00000002.287860742.0000000004D10000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000005.00000002.286910091.0000000002B51000.00000020.00000001.sdmp, Author: Joe Security
Reputation:	high

File Activities

Show Windows behavior

Analysis Process: rundll32.exe PID: 4428 Parent PID: 2800

General

Start time:	14:43:10
Start date:	14/01/2022
Path:	C:\Windows\SysWOW64\rundll32.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\SysWOW64\rundll32.exe "C:\Users\user\Desktop\OZra.dll",DllRegisterServer
Imagebase:	0x40000

File size:	61952 bytes
MD5 hash:	D7CA562B0DB4F4DD0F03A89A1FDAD63D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	• Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.254082981.0000000004D80000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.254336408.0000000004F91000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.254190415.0000000004E11000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.254016295.0000000004C51000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.254155612.0000000004DE0000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.253882077.0000000004B61000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.253580540.0000000004491000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.253967626.0000000004C20000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.254267571.0000000004F60000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.253441247.0000000002C30000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.253851531.0000000004B30000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000006.00000002.254119219.0000000004DB1000.00000020.00000001.sdmp, Author: Joe Security
Reputation:	high

File Activities Show Windows behavior

File Deleted

Analysis Process: svchost.exe PID: 4088 Parent PID: 560

General

Start time:	14:43:12
Start date:	14/01/2022
Path:	C:\Windows\System32\svchost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\System32\svchost.exe -k WerSvcGroup
Imagebase:	0x7ff641cd0000
File size:	51288 bytes
MD5 hash:	32569E403279B3FD2EDB7EBD036273FA
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

File Activities Show Windows behavior

Analysis Process: WerFault.exe PID: 3612 Parent PID: 4088

General

Start time:	14:43:13
Start date:	14/01/2022
Path:	C:\Windows\SysWOW64\WerFault.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\SysWOW64\WerFault.exe -pss -s 480 -p 4884 -ip 4884
Imagebase:	0x11a0000
File size:	434592 bytes
MD5 hash:	9E2B8ACAD48ECCA55C0230D63623661B
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Analysis Process: rundll32.exe PID: 5264 Parent PID: 4428

General

Start time:	14:43:13
Start date:	14/01/2022
Path:	C:\Windows\SysWOW64\rundll32.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\SysWOW64\rundll32.exe "C:\Windows\SysWOW64\Ntodyweq\mtnyr.hby",XUkCH
Imagebase:	0x40000
File size:	61952 bytes
MD5 hash:	D7CA562B0DB4F4DD0F03A89A1FDAD63D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	• Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000009.00000002.255990628.0000000004CB1000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 00000009.00000002.255916492.0000000004C80000.00000040.00000001.sdmp, Author: Joe Security
Reputation:	high

Analysis Process: rundll32.exe PID: 5656 Parent PID: 5264

General

Start time:	14:43:15
Start date:	14/01/2022
Path:	C:\Windows\SysWOW64\rundll32.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\SysWOW64\rundll32.exe "C:\Windows\System32\Ntodyweq\mtnyr.hby",DllRegisterServer
Imagebase:	0x40000
File size:	61952 bytes
MD5 hash:	D7CA562B0DB4F4DD0F03A89A1FDAD63D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language

Yara matches:	• Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.767948147.0000000003FC0000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.769802750.0000000004F00000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.769053034.0000000004A41000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.769137988.0000000004B00000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.768874257.00000000049B0000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.769905105.0000000004F31000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.769584388.0000000004D31000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.768927905.00000000049E1000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.768557651.00000000047A1000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.770272394.00000000051B1000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.768503616.0000000004770000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.768707171.0000000004881000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.769181045.0000000004B31000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.770133690.0000000005180000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.769523785.0000000004D00000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.766907831.0000000002601000.00000020.00000010.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.766747209.00000000025D0000.00000040.00000010.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.769411597.0000000004C51000.00000020.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.769343331.0000000004C20000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.769001829.0000000004A10000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.768649477.0000000004850000.00000040.00000001.sdmp, Author: Joe Security • Rule: JoeSecurity_Emotet_1, Description: Yara detected Emotet, Source: 0000000A.00000002.767995978.0000000003FF1000.00000020.00000001.sdmp, Author: Joe Security

File Activities Show Windows behavior

Analysis Process: svchost.exe PID: 5556 Parent PID: 560

General

Start time:	14:43:17
Start date:	14/01/2022
Path:	C:\Windows\System32\svchost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\System32\svchost.exe -k netsvcs -p -s BITS
Imagebase:	0x7ff641cd0000
File size:	51288 bytes

MD5 hash:	32569E403279B3FD2EDB7EBD036273FA
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language

File Activities Show Windows behavior

Registry Activities Show Windows behavior

Analysis Process: WerFault.exe PID: 724 Parent PID: 4088

General

Start time:	14:43:23
Start date:	14/01/2022
Path:	C:\Windows\SysWOW64\WerFault.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\SysWOW64\WerFault.exe -pss -s 504 -p 4884 -ip 4884
Imagebase:	0x1210000
File size:	434592 bytes
MD5 hash:	9E2B8ACAD48ECCA55C0230D63623661B
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language

Analysis Process: WerFault.exe PID: 6280 Parent PID: 4884

General

Start time:	14:43:27
Start date:	14/01/2022
Path:	C:\Windows\SysWOW64\WerFault.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\SysWOW64\WerFault.exe -u -p 4884 -s 512
Imagebase:	0x1210000
File size:	434592 bytes
MD5 hash:	9E2B8ACAD48ECCA55C0230D63623661B
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language

File Activities Show Windows behavior

File Created

File Deleted

File Written

Registry Activities Show Windows behavior

Key Created

Key Value Created

Analysis Process: svchost.exe PID: 6288 Parent PID: 560

General

Start time:	14:43:27
Start date:	14/01/2022
Path:	C:\Windows\System32\svchost.exe
Wow64 process (32bit):	false
Commandline:	c:\windows\system32\svchost.exe -k localservice -p -s CDPSvc
Imagebase:	0x7ff641cd0000
File size:	51288 bytes
MD5 hash:	32569E403279B3FD2EDB7EBD036273FA
Has elevated privileges:	true
Has administrator privileges:	false
Programmed in:	C, C++ or other language

File Activities

Show Windows behavior

Analysis Process: svchost.exe PID: 6372 Parent PID: 560

General

Start time:	14:43:28
Start date:	14/01/2022
Path:	C:\Windows\System32\svchost.exe
Wow64 process (32bit):	false
Commandline:	c:\windows\system32\svchost.exe -k networkservice -p -s DoSvc
Imagebase:	0x7ff641cd0000
File size:	51288 bytes
MD5 hash:	32569E403279B3FD2EDB7EBD036273FA
Has elevated privileges:	true
Has administrator privileges:	false
Programmed in:	C, C++ or other language

Registry Activities

Show Windows behavior

Analysis Process: rundll32.exe PID: 6420 Parent PID: 3540

General

Start time:	14:43:29
Start date:	14/01/2022
Path:	C:\Windows\SysWOW64\rundll32.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\SysWOW64\rundll32.exe "C:\Users\user\Desktop\OZra.dll",DllRegisterServer
Imagebase:	0x40000
File size:	61952 bytes
MD5 hash:	D7CA562B0DB4F4DD0F03A89A1FDAD63D
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language

Analysis Process: svchost.exe PID: 6428 Parent PID: 560

General

Start time:	14:43:29
Start date:	14/01/2022

Path:	C:\Windows\System32\svchost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\System32\svchost.exe -k NetworkService -p
Imagebase:	0x7ff641cd0000
File size:	51288 bytes
MD5 hash:	32569E403279B3FD2EDB7EBD036273FA
Has elevated privileges:	true
Has administrator privileges:	false
Programmed in:	C, C++ or other language

Analysis Process: SgrmBroker.exe PID: 6544 Parent PID: 560

General

Start time:	14:43:30
Start date:	14/01/2022
Path:	C:\Windows\System32\SgrmBroker.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\system32\SgrmBroker.exe
Imagebase:	0x7ff6de5a0000
File size:	163336 bytes
MD5 hash:	D3170A3F3A9626597EEE1888686E3EA6
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language

Analysis Process: svchost.exe PID: 6592 Parent PID: 560

General

Start time:	14:43:31
Start date:	14/01/2022
Path:	C:\Windows\System32\svchost.exe
Wow64 process (32bit):	false
Commandline:	c:\windows\system32\svchost.exe -k localservicenetworkrestricted -p -s wscsvc
Imagebase:	0x7ff641cd0000
File size:	51288 bytes
MD5 hash:	32569E403279B3FD2EDB7EBD036273FA
Has elevated privileges:	true
Has administrator privileges:	false
Programmed in:	C, C++ or other language

Registry Activities

Show Windows behavior

Analysis Process: svchost.exe PID: 6780 Parent PID: 560

General

Start time:	14:43:33
Start date:	14/01/2022
Path:	C:\Windows\System32\svchost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\System32\svchost.exe -k netsvcs -p
Imagebase:	0x7ff641cd0000
File size:	51288 bytes
MD5 hash:	32569E403279B3FD2EDB7EBD036273FA
Has elevated privileges:	true
Has administrator privileges:	true

Programmed in:	C, C++ or other language

Analysis Process: svchost.exe PID: 6968 Parent PID: 560

General

Start time:	14:43:51
Start date:	14/01/2022
Path:	C:\Windows\System32\svchost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\System32\svchost.exe -k netsvcs -p
Imagebase:	0x7ff641cd0000
File size:	51288 bytes
MD5 hash:	32569E403279B3FD2EDB7EBD036273FA
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language

Analysis Process: svchost.exe PID: 3108 Parent PID: 560

General

Start time:	14:44:09
Start date:	14/01/2022
Path:	C:\Windows\System32\svchost.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\System32\svchost.exe -k netsvcs -p
Imagebase:	0x7ff641cd0000
File size:	51288 bytes
MD5 hash:	32569E403279B3FD2EDB7EBD036273FA
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language

Analysis Process: MpCmdRun.exe PID: 6896 Parent PID: 6592

General

Start time:	14:44:32
Start date:	14/01/2022
Path:	C:\Program Files\Windows Defender\MpCmdRun.exe
Wow64 process (32bit):	false
Commandline:	"C:\Program Files\Windows Defender\mpcmdrun.exe" -wdenable
Imagebase:	0x7ff6720e0000
File size:	455656 bytes
MD5 hash:	A267555174BFA53844371226F482B86B
Has elevated privileges:	true
Has administrator privileges:	false
Programmed in:	C, C++ or other language

Analysis Process: conhost.exe PID: 6832 Parent PID: 6896

General

Start time:	14:44:32
Start date:	14/01/2022

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:	EA777DEEA782E8B4D7C7C33BBF8A4496
Has elevated privileges:	true
Has administrator privileges:	false
Programmed in:	C, C++ or other language

Disassembly

Code Analysis