Recorded Future® Triage

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Overview overview 7	Static static 3	WX.pdf.lnk windows7-x64 3	WX.pdf.lnk windows10-2004-x64 7	i1v/zN/JI/...qd.pdf windows7-x64 1	i1v/zN/JI/...qd.pdf windows10-2004-x64

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Analysis

max time kernel
146s

max time network
147s

platform
windows10-2004_x64

resource
win10v2004-20230915-en

resource tags

ARCH:X64

ARCH:X86

IMAGE:WIN10V2004-20230915-EN

LOCALE:EN-US

OS:WINDOWS10-2004-X64

SYSTEM

submitted
04-10-2023 16:15

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General

Target
WX.pdf.lnk

Size
1KB

MD5
4081b99306478e563fcb8737ea368029

SHA1
49a54cbbd519c1a10835542f704ba174e65d078f

SHA256
77dc2c45251101c6967d9368de8750fff2c5981e5452c8539e85dfae2373703b

SHA512
6b0e0a44d8cd13af1788c961090a4b6d895f233158917f6c06521081d74cca9509882ff0fe1cc4a1dd64d5c491bced52e5f45eacef0943e993d85b1b8936eefb

Score
7/10

Malware Config

Signatures

Execution Defense Evasion Discovery

Checks computer location settings • 2 TTPs 1 IoCs
Looks up country code configured in the registry, likely geofence.

Suspicious use of SetThreadContext • 1 IoCs

Enumerates physical storage devices • 1 TTPs
Attempts to interact with connected storage/optical drive(s).

Checks processor information in registry • 2 TTPs 2 IoCs
Processor information is often read in order to detect sandboxing environments.

Gathers network information • 2 TTPs 2 IoCs
Uses commandline utility to view network configuration.

Modifies Internet Explorer settings • 1 TTPs 1 IoCs
ADWARE SPYWARE

Modifies registry class • 1 IoCs

Suspicious behavior: EnumeratesProcesses • 24 IoCs

Suspicious behavior: GetForegroundWindowSpam • 1 IoCs

Suspicious behavior: NtCreateUserProcessBlockNonMicrosoftBinary • 1 IoCs

Suspicious use of AdjustPrivilegeToken • 28 IoCs

Suspicious use of FindShellTrayWindow • 1 IoCs

Suspicious use of SetWindowsHookEx • 6 IoCs

Suspicious use of WriteProcessMemory • 64 IoCs

Processes

C:\Windows\system32\cmd.exe PID:3556

```
cmd /c C:\Users\Admin\AppData\Local\Temp\WX.pdf.lnk
```

C:\Windows\System32\regsvr32.exe PID:4280

```
"C:\Windows\System32\regsvr32.exe" /s /u /i:i1v\zN\JI\eWJM\MVst\qI\1Q52\uURq\QIPJ\J4Xw\J6V\CO\bOs8\GMV\N53B\bow.sct scrobj.dll
```

C:\Windows\System32\rundll32.exe PID:3028

```
"C:\Windows\System32\rundll32.exe" i1v\zN\JI\eWJM\MVst\qI\1Q52\uURq\QIPJ\J4Xw\J6V\CO\bOs8\GMV\N53B\xSa.log, HUF_inc_var
```

C:\Windows\SysWOW64\rundll32.exe PID:3692

```
"C:\Windows\System32\rundll32.exe" i1v\zN\JI\eWJM\MVst\qI\1Q52\uURq\QIPJ\J4Xw\J6V\CO\bOs8\GMV\N53B\xSa.log, HUF_inc_var
```

C:\Windows\SysWOW64\SearchProtocolHost.exe PID:1740

```
"C:\Windows\System32\SearchProtocolHost.exe"
```

C:\Windows\SysWOW64\whoami.exe PID:4168

PID:2260

PID:4720

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C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroRd32.exe

PID:1268

```
"C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroRd32.exe"
"C:\Users\Admin\AppData\Local\Temp\i1v\zN\JI\eWJM\MVst\qI\1Q52\uURq\QIPJ
\J4Xw\J6V\CO\bOs8\GMV\N53B\Abqd.pdf"
```

C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrCEF.exe

PID:4696

```
"C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrCE
F.exe" --backgroundcolor=16514043
```

C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrCEF.exe

PID:2840

```
"C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrC
EF.exe" --type=gpu-process --disable-pack-loading --lang=en-US --lo
g-file="C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroC
EF\debug.log" --log-severity=disable --product-version="ReaderServi
ces/19.10.20064 Chrome/64.0.3282.119" --gpu-preferences=GAAAAAAAAA
AB4AAAQAAAAAAAAAAAGAA --use-gl=swiftshader-webgl --gpu-vendor-id=0x
1234 --gpu-device-id=0x1111 --gpu-driver-vendor="Google Inc." --gpu
-driver-version=3.3.0.2 --gpu-driver-date=2017/04/07 --disable-pack
-loading --lang=en-US --log-file="C:\Program Files (x86)\Adobe\Acro
bat Reader DC\Reader\AcroCEF\debug.log" --log-severity=disable --pr
oduct-version="ReaderServices/19.10.20064 Chrome/64.0.3282.119" --s
ervice-request-channel-token=F701B6C083BEB4F0D4BB864581D2F8D3 --moj
o-platform-channel-handle=1736 --allow-no-sandbox-job --ignored=" -
-type=renderer " /prefetch:2
```

C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrCEF.exe

PID:4912

```
"C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrC
EF.exe" --type=renderer --disable-browser-side-navigation --disable
-gpu-compositing --service-pipe-token=632A56E7975808FD337C1F3B80CF4
A2A --lang=en-US --disable-pack-loading --lang=en-US --log-file
="C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\deb
ug.log" --log-severity=disable --product-version="ReaderServices/1
9.10.20064 Chrome/64.0.3282.119" --enable-pinch --device-scale-fact
or=1 --num-raster-threads=4 --enable-main-frame-before-activation -
-enable-gpu-async-worker-context --content-image-texture-target=0,
0,3553;0,1,3553;0,2,3553;0,3,3553;0,4,3553;0,5,3553;0,6,3553;0,7,35
53;0,8,3553;0,9,3553;0,10,3553;0,11,3553;0,12,3553;0,13,3553;0,14,3
553;0,15,3553;0,16,3553;0,17,3553;0,18,3553;1,0,3553;1,1,3553;1,2,3
553;1,3,3553;1,4,3553;1,5,3553;1,6,3553;1,7,3553;1,8,3553;1,9,3553;
1,10,3553;1,11,3553;1,12,3553;1,13,3553;1,14,3553;1,15,3553;1,16,35
53;1,17,3553;1,18,3553;2,0,3553;2,1,3553;2,2,3553;2,3,3553;2,4,355
3;2,5,3553;2,6,3553;2,7,3553;2,8,3553;2,9,3553;2,10,3553;2,11,3553;
2,12,3553;2,13,3553;2,14,3553;2,15,3553;2,16,3553;2,17,3553;2,18,35
53;3,0,3553;3,1,3553;3,2,3553;3,3,3553;3,4,3553;3,5,3553;3,6,3553;
3,7,3553;3,8,3553;3,9,3553;3,10,3553;3,11,3553;3,12,3553;3,13,3553;
3,14,3553;3,15,3553;3,16,3553;3,17,3553;3,18,3553;4,0,3553;4,1,355
3;4,2,3553;4,3,3553;4,4,3553;4,5,3553;4,6,3553;4,7,3553;4,8,3553;4,
9,3553;4,10,3553;4,11,3553;4,12,3553;4,13,3553;4,14,3553;4,15,3553;
4,16,3553;4,17,3553;4,18,3553;5,0,3553;5,1,3553;5,2,3553;5,3,3553;
5,4,3553;5,5,3553;5,6,3553;5,7,3553;5,8,3553;5,9,3553;5,10,3553;5,1
1,3553;5,12,3553;5,13,3553;5,14,3553;5,15,3553;5,16,3553;5,17,3553;
5,18,3553;6,0,3553;6,1,3553;6,2,3553;6,3,3553;6,4,3553;6,5,3553;6,
6,3553;6,7,3553;6,8,3553;6,9,3553;6,10,3553;6,11,3553;6,12,3553;6,1
3,3553;6,14,3553;6,15,3553;6,16,3553;6,17,3553;6,18,3553 --disable-
accelerated-video-decode --service-request-channel-token=632A56E797
5808FD337C1F3B80CF4A2A --renderer-client-id=2 --mojo-platform-chann
el-handle=1836 --allow-no-sandbox-job /prefetch:1
```

C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrCEF.exe

PID:1680

```
"C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrC
EF.exe" --type=gpu-process --disable-pack-loading --lang=en-US --lo
g-file="C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroC
EF\debug.log" --log-severity=disable --product-version="ReaderServi
ces/19.10.20064 Chrome/64.0.3282.119" --gpu-preferences=GAAAAAAAAA
AB4AAAQAAAAAAAAAAAGAA --use-gl=swiftshader-webgl --gpu-vendor-id=0x
1234 --gpu-device-id=0x1111 --gpu-driver-vendor="Google Inc." --gpu
-driver-version=3.3.0.2 --gpu-driver-date=2017/04/07 --disable-pack
-loading --lang=en-US --log-file="C:\Program Files (x86)\Adobe\Acro
bat Reader DC\Reader\AcroCEF\debug.log" --log-severity=disable --pr
oduct-version="ReaderServices/19.10.20064 Chrome/64.0.3282.119" --s
ervice-request-channel-token=894A914DCDDDE9ACB7FCB75FC8BF2012 --moj
o-platform-channel-handle=2296 --allow-no-sandbox-job --ignored=" -
-type=renderer " /prefetch:2
```

C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrCEF.exe

PID:1944

```
"C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrC
EF.exe" --type=renderer --disable-browser-side-navigation --disable
-gpu-compositing --service-pipe-token=330FD45D3B11128C416F8F8254611
6CD --lang=en-US --disable-pack-loading --lang=en-US --log-file
="C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\deb
ug.log" --log-severity=disable --product-version="ReaderServices/1
9.10.20064 Chrome/64.0.3282.119" --enable-pinch --device-scale-fact
or=1 --num-raster-threads=4 --enable-main-frame-before-activation -
-enable-gpu-async-worker-context --content-image-texture-target=0,
0,3553;0,1,3553;0,2,3553;0,3,3553;0,4,3553;0,5,3553;0,6,3553;0,7,35
53;0,8,3553;0,9,3553;0,10,3553;0,11,3553;0,12,3553;0,13,3553;0,14,3
553;0,15,3553;0,16,3553;0,17,3553;0,18,3553;1,0,3553;1,1,3553;1,2,3
553;1,3,3553;1,4,3553;1,5,3553;1,6,3553;1,7,3553;1,8,3553;1,9,3553;
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53;1,17,3553;1,18,3553;2,0,3553;2,1,3553;2,2,3553;2,3,3553;2,4,355
3;2,5,3553;2,6,3553;2,7,3553;2,8,3553;2,9,3553;2,10,3553;2,11,3553;
2,12,3553;2,13,3553;2,14,3553;2,15,3553;2,16,3553;2,17,3553;2,18,35
53;3,0,3553;3,1,3553;3,2,3553;3,3,3553;3,4,3553;3,5,3553;3,6,3553;
3,7,3553;3,8,3553;3,9,3553;3,10,3553;3,11,3553;3,12,3553;3,13,3553;
3,14,3553;3,15,3553;3,16,3553;3,17,3553;3,18,3553;4,0,3553;4,1,355
3;4,2,3553;4,3,3553;4,4,3553;4,5,3553;4,6,3553;4,7,3553;4,8,3553;4,
9,3553;4,10,3553;4,11,3553;4,12,3553;4,13,3553;4,14,3553;4,15,3553;
4,16,3553;4,17,3553;4,18,3553;5,0,3553;5,1,3553;5,2,3553;5,3,3553;
5,4,3553;5,5,3553;5,6,3553;5,7,3553;5,8,3553;5,9,3553;5,10,3553;5,1
1,3553;5,12,3553;5,13,3553;5,14,3553;5,15,3553;5,16,3553;5,17,3553;
5,18,3553;6,0,3553;6,1,3553;6,2,3553;6,3,3553;6,4,3553;6,5,3553;6,
6,3553;6,7,3553;6,8,3553;6,9,3553;6,10,3553;6,11,3553;6,12,3553;6,1
3,3553;6,14,3553;6,15,3553;6,16,3553;6,17,3553;6,18,3553 --disable-
accelerated-video-decode --service-request-channel-token=330FD45D3B
11128C416F8F82546116CD --renderer-client-id=5 --mojo-platform-chann
```

PID:2184

```
AB4AAAQAAAAAAAAAAAGAA --use-gl=swiftshader-webgl --gpu-vendor-id=0x
```

```
1234 --gpu-device-id=0x1111 --gpu-driver-vendor="Google Inc." --gpu
-driver-version=3.3.0.2 --gpu-driver-date=2017/04/07 --disable-pack
-loading --lang=en-US --log-file="C:\Program Files (x86)\Adobe\Acro
bat Reader DC\Reader\AcroCEF\debug.log" --log-severity=disable --pr
oduct-version="ReaderServices/19.10.20064 Chrome/64.0.3282.119" --s
ervice-request-channel-token=806AFEAC8B00C8FBF5136A5A2BFA186E --moj
o-platform-channel-handle=2664 --allow-no-sandbox-job --ignored=" -
-type=renderer " /prefetch:2
```

C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrCEF.exe PID:1384

```
"C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroCEF\RdrC
EF.exe" --type=gpu-process --disable-pack-loading --lang=en-US --lo
g-file="C:\Program Files (x86)\Adobe\Acrobat Reader DC\Reader\AcroC
EF\debug.log" --log-severity=disable --product-version="ReaderServi
ces/19.10.20064 Chrome/64.0.3282.119" --gpu-preferences=GAAAAAAAAA
AB4AAAQAAAAAAAAAAAGAA --use-gl=swiftshader-webgl --gpu-vendor-id=0x
1234 --gpu-device-id=0x1111 --gpu-driver-vendor="Google Inc." --gpu
-driver-version=3.3.0.2 --gpu-driver-date=2017/04/07 --disable-pack
-loading --lang=en-US --log-file="C:\Program Files (x86)\Adobe\Acro
bat Reader DC\Reader\AcroCEF\debug.log" --log-severity=disable --pr
oduct-version="ReaderServices/19.10.20064 Chrome/64.0.3282.119" --s
ervice-request-channel-token=42A434A6D17947E90B37C044408D33AB --moj
o-platform-channel-handle=2408 --allow-no-sandbox-job --ignored=" -
-type=renderer " /prefetch:2
```

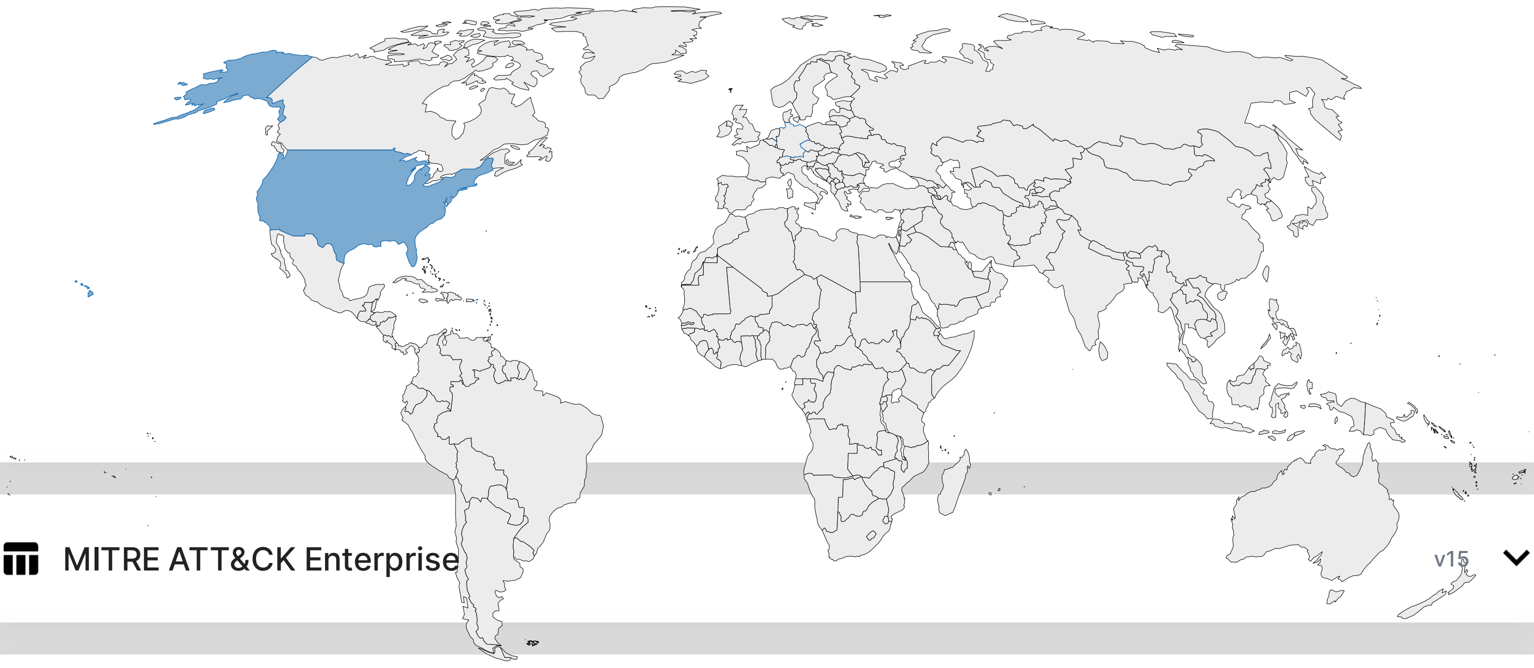
C:\Windows\System32\CompPkgSrv.exe PID:3224

```
C:\Windows\System32\CompPkgSrv.exe -Embedding
```

Network

Requests TCP UDP

🇺🇸	DNS	146.78.124.51.in-addr.arpa	
🇺🇸	DNS	75.159.190.20.in-addr.arpa	
🇺🇸	DNS	95.221.229.192.in-addr.arpa	
🇺🇸	DNS	241.154.82.20.in-addr.arpa	
🇺🇸	DNS	41.110.16.96.in-addr.arpa	
🇺🇸	DNS	57.169.31.20.in-addr.arpa	
🇺🇸	DNS	59.128.231.4.in-addr.arpa	
🇺🇸	DNS	137.0.85.104.in-addr.arpa	
🇺🇸	DNS	139.121.18.2.in-addr.arpa	
🇺🇸	DNS	157.123.68.40.in-addr.arpa	
🇺🇸	DNS	15.164.165.52.in-addr.arpa	
🇩🇪	POST	https://45.131.108.250:1194/Cookbooks/HXvRxx93G6edC?Papilionaceous=dourines	SEARCHPROTOC...
🇺🇸	DNS	254.109.26.67.in-addr.arpa	
🇺🇸	DNS	250.108.131.45.in-addr.arpa	
🇺🇸	DNS	14.227.111.52.in-addr.arpa	
🇺🇸	DNS	tse1.mm.bing.net	
🇺🇸	GET	https://tse1.mm.bing.net/th?id=OADD2.10239317301145_1Y8CXK45BT2OHNQQQ&pid=21.2&w=1920&h=1080&c=4	
🇺🇸	GET	https://tse1.mm.bing.net/th?id=OADD2.10239317301111_1DKW3SIPELFG6R5I0&pid=21.2&w=1920&h=1080&c=4	
🇺🇸	GET	https://tse1.mm.bing.net/th?id=OADD2.10239317301544_150BJDG31FJ0ZNF34&pid=21.2&w=1080&h=1920&c=4	
🇺🇸	GET	https://tse1.mm.bing.net/th?id=OADD2.10239317301554_133DWC45UAH2W18HX&pid=21.2&w=1080&h=1920&c=4	
🇺🇸	GET	https://tse1.mm.bing.net/th?id=OADD2.10239317300927_1MHQY2TQNUIH7ZQRL&pid=21.2&w=1920&h=1080&c=4	
🇺🇸	GET	https://tse1.mm.bing.net/th?id=OADD2.10239317301360_1Q2LDLW388L48JF4Q&pid=21.2&w=1080&h=1920&c=4	
🇺🇸	DNS	26.35.223.20.in-addr.arpa	
🇺🇸	DNS	123.10.44.20.in-addr.arpa	



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v15

Replay Monitor

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C:\Users\Admin\AppData\LocalLow\Adobe\Acrobat\DC\ReaderMessages

Filesize	64KB
MD5	17e64be8adeda4467b8ffc7e9e602c0b
SHA1	7dc1ffc21f27e46aeb39cc162f66580f445af891
SHA256	d943b61fdb3ea5e2c1fec7747b2dadb96a650d482cd27686b2064dce40bf0a00
SHA512	982d928ab8f272681a4f0dd0717d6371d916b36a5c24677de0c0f78bd7b52622726b815d1e65add40ea790...

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Filesize	36KB
MD5	b30d3becc8731792523d599d949e63f5
SHA1	19350257e42d7aee17fb3bf139a9d3adb330fad4
SHA256	b1b77e96279ead2b460de3de70e2ea4f5ad1b853598a4e27a5caf3f1a32cc4f3
SHA512	523f54895fb07f62b9a5f72c8b62e83d4d9506bda57b183818615f6eb7286e3b9c5a50409bc5c5164867c3...

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Filesize	56KB
MD5	752a1f26b18748311b691c7d8fc20633
SHA1	c1f8e83eebc1cc1e9b88c773338eb09ff82ab862
SHA256	111dac2948e4cecb10b0d2e10d8afaa663d78d643826b592d6414a1fd77cc131
SHA512	a2f5f262faf2c3e9756da94b2c47787ce3a9391b5bd53581578aa9a764449e114836704d6dec4aadc097fed...

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memory/1268-35-0×000000000A5F0000-0×000000000A611000-memory.dmp

Filesize	132KB

Download

memory/1268-171-0×000000000B8B0000-0×000000000BB5B000-memory.dmp

Filesize	2.7MB

Download

memory/1740-5-0×0000000000C20000-0×0000000000C6B000-memory.dmp

Filesize	300KB

Download

memory/1740-40-0×0000000000C20000-0×0000000000C6B000-memory.dmp

Filesize	300KB

Download

memory/1740-4-0×0000000000C20000-0×0000000000C6B000-memory.dmp

Filesize	300KB

Download

memory/1740-2-0×0000000000C20000-0×0000000000C6B000-memory.dmp

Filesize	300KB

Download

memory/1740-138-0×0000000000C20000-0×0000000000C6B000-memory.dmp

Filesize	300KB

Download

memory/1740-146-0×0000000000C20000-0×0000000000C6B000-memory.dmp

Filesize	300KB

Download

memory/1740-153-0×0000000000C20000-0×0000000000C6B000-memory.dmp

Filesize	300KB

Download

memory/3692-6-0×0000000002E00000-0×0000000002ED1000-memory.dmp

Filesize	836KB

Download

memory/3692-0-0×0000000002C50000-0×0000000002D13000-memory.dmp

Filesize	780KB

Download

memory/3692-1-0×0000000002E00000-0×0000000002ED1000-memory.dmp

Filesize	836KB

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