VALKYRIE COMODO

Summary

File Name: explorers.exe

File Type: empty

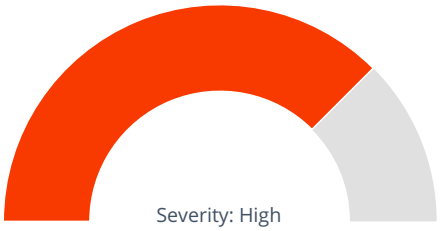
SHA1: 2b1858467e4fa9e463595a8c3c336f6f4efd46e1

MD5: f90a48cef1000c2318ab8daaa1cea164

MALWARE

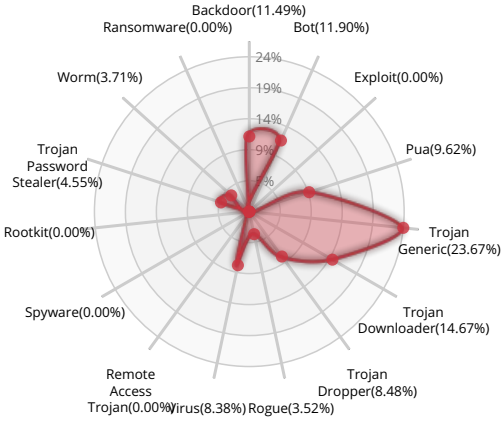
Valkyrie Final Verdict

DETECTION SECTION

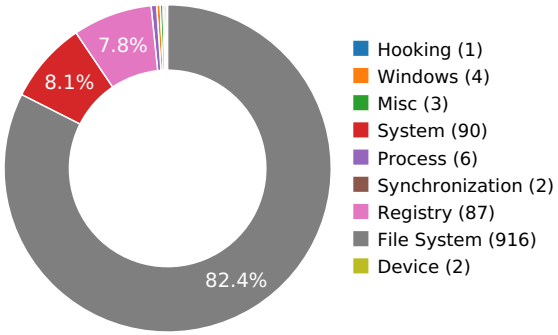


Verdict: Malware

CLASSIFICATION



HIGH LEVEL BEHAVIOR DISTRIBUTION



ACTIVITY OVERVIEW

VALKYRIE COMODO

Activity Details

VALKYRIE COMODO

Behavior Graph

12:17:35 **12:17:35** **12:17:35**

PID 2784

12:17:35	Create Process	The malicious file created a child process as 2b1858467e4fa9e463595a8c3c336f6f4efd46e1.exe **(PPID 2760)**

VALKYRIE COMODO

Behavior Summary

ACCESSED FILES
\Device\KsecDD
C:\Users
C:\Users\user
C:\Users\user\AppData
C:\Users\user\AppData\Local
C:\Users\user\AppData\Local\Temp
C:\Users\user\AppData\Local\Temp\2b1858467e4fa9e463595a8c3c336f6f4efd46e1.exe
C:\Windows\Fonts\staticcache.dat
C:\Windows\Globalization\Sorting\sortdefault.nls
C:\Windows\System32\uxtheme.dll.Config
C:\Windows\System32\uxtheme.dll
C:\Users\user\AppData\Local\Temp\2b1858467e4fa9e463595a8c3c336f6f4efd46e1.exe.Local\
C:\Windows\winsxs\x86_microsoft.windows.common-controls_6595b64144ccf1df_6.0.7601.17514_none_41e6975e2bd6f2b2
A:
B:
F:
G:
H:
I:
J:
K:
L:
M:
N:
O:
P:
Q:
R:
S:
T:
U:
V:

W:
X:
Y:
Z:

READ REGISTRY KEYS

HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\CustomLocale\en-US
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\ExtendedLocale\en-US
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\Locale\00000409
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\Language Groups\1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\DataStore_V1.0\Disable
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\DataStore_V1.0\DataFilePath
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane2
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane3
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane4
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane5
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane6
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane7
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane8
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane9
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane10
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane11
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane12
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane13
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane14
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane15
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane16
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\SideBySide\PreferExternalManifest

RESOLVED APIS

kernel32.dll.FlsAlloc
kernel32.dll.FlsGetValue
kernel32.dll.FlsSetValue
kernel32.dll.FlsFree
cryptbase.dll.SystemFunction036

uxtheme.dll.ThemeInitApiHook
user32.dll.IsProcessDPIAware
ntdll.dll.RtlGetVersion
user32.dll.SendInput
user32.dll.RemoveClipboardFormatListener
user32.dll.AddClipboardFormatListener
kernel32.dll.IsWow64Process
dwmapi.dll.DwmIsCompositionEnabled
gdi32.dll.GetLayout
gdi32.dll.GdiRealizationInfo
gdi32.dll.FontIsLinked
advapi32.dll.RegOpenKeyExW
advapi32.dll.RegQueryInfoKeyW
gdi32.dll.GetTextFaceAliasW
advapi32.dll.RegEnumValueW
advapi32.dll.RegCloseKey
advapi32.dll.RegQueryValueExW
gdi32.dll.GetFontAssocStatus
advapi32.dll.RegQueryValueExA
advapi32.dll.RegEnumKeyExW
comctl32.dll.RegisterClassNameW
kernel32.dll.SortGetHandle
kernel32.dll.SortCloseHandle
uxtheme.dll.OpenThemeData
uxtheme.dll.GetThemeBool
imm32.dll.ImmGetContext
imm32.dll.ImmReleaseContext
imm32.dll.ImmAssociateContext
imm32.dll.ImmIsIME
comctl32.dll.HIMAGELIST_QueryInterface
comctl32.dll.DrawShadowText
comctl32.dll.DrawSizeBox
comctl32.dll.DrawScrollBar
comctl32.dll.SizeBoxHwnd

comctl32.dll.ScrollBar_MouseMove
comctl32.dll.ScrollBar_Menu
comctl32.dll.HandleScrollCmd
comctl32.dll.DetachScrollBars
comctl32.dll.AttachScrollBars
comctl32.dll.CCSetScrollInfo
comctl32.dll.CCGetScrollInfo
comctl32.dll.CCEnableScrollBar
comctl32.dll.QuerySystemGestureStatus
uxtheme.dll.#49
uxtheme.dll.CloseThemeData

REGISTRY KEYS

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Nls\CustomLocale
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\CustomLocale\en-US
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Nls\ExtendedLocale
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\ExtendedLocale\en-US
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Nls\Locale
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Nls\Locale\Alternate Sorts
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Nls\Language Groups
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\Locale\00000409
HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\Language Groups\1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\FontLink\SystemLink
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\DataStore_V1.0
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\DataStore_V1.0\Disable
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\DataStore_V1.0\DataFilePath
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane1
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane2
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane3
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane4
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane5
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane6
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane7
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane8

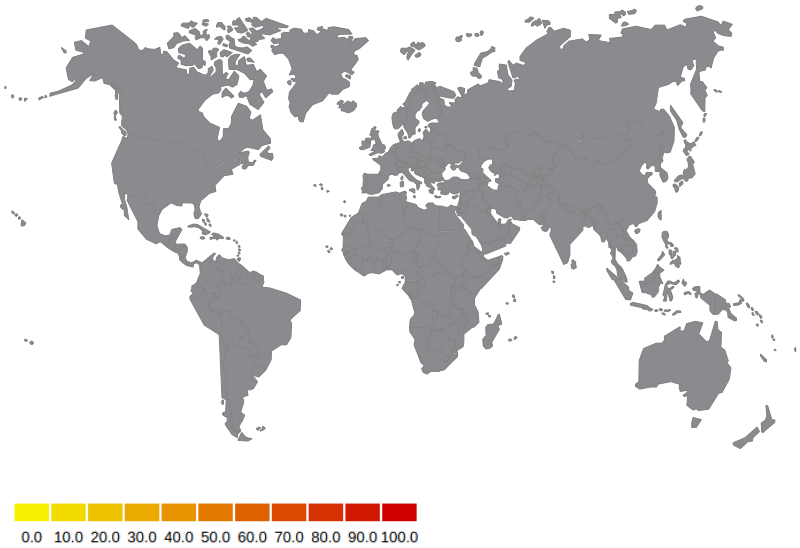
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane9
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane10
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane11
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane12
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane13
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane14
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane15
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Plane16
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\LanguagePack\SurrogateFallback\Segoe UI
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\CTF\Compatibility\2b1858467e4fa9e463595a8c3c336f6f4efd46e1.exe
HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\SideBySide
HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\SideBySide\PreferExternalManifest
HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\SideBySide\AssemblyStorageRoots

READ FILES

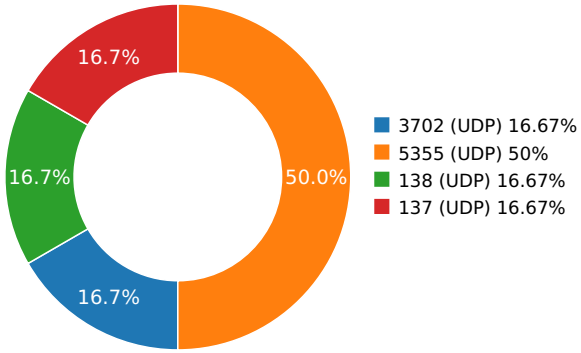
\Device\KsecDD
C:\Windows\Fonts\staticcache.dat
C:\Windows\Globalization\Sorting\sortdefault.nls
C:\Windows\System32\uxtheme.dll.Config
C:\Windows\System32\uxtheme.dll

Network Behavior

CONTACTED IPS



NETWORK PORT DISTRIBUTION



Name	IP	Country	ASN	ASN Name	Trigger Process Type

UDP PACKETS

Call Time During Execution(sec)	Source IP	Dest IP	Dest Port
3.19294810295	Sandbox	224.0.0.252	5355
3.26766014099	Sandbox	192.168.56.255	137
3.28214812279	Sandbox	224.0.0.252	5355
3.29003405571	Sandbox	239.255.255.250	3702
5.84233498573	Sandbox	224.0.0.252	5355
9.27815198898	Sandbox	192.168.56.255	138

VALKYRIE COMODO

DETAILED FILE INFO

CREATED / DROPPED FILES

FILE PATH	TYPE AND HASHES

MATCH YARA RULES

MATCH RULES

STATIC FILE INFO

File Name:	explorers.exe
File Type:	empty
SHA1:	2b1858467e4fa9e463595a8c3c336f6f4efd46e1
MD5:	f90a48cef1000c2318ab8daaa1cea164
First Seen Date:	2018-04-25 18:14:02.787489 (10 months ago)
Number Of Clients Seen:	1
Last Analysis Date:	2018-08-07 13:04:57.889315 (7 months ago)
Human Expert Analysis Result:	No human expert analysis verdict given to this sample yet.

DETAILED FILE INFO

ADDITIONAL FILE INFORMATION

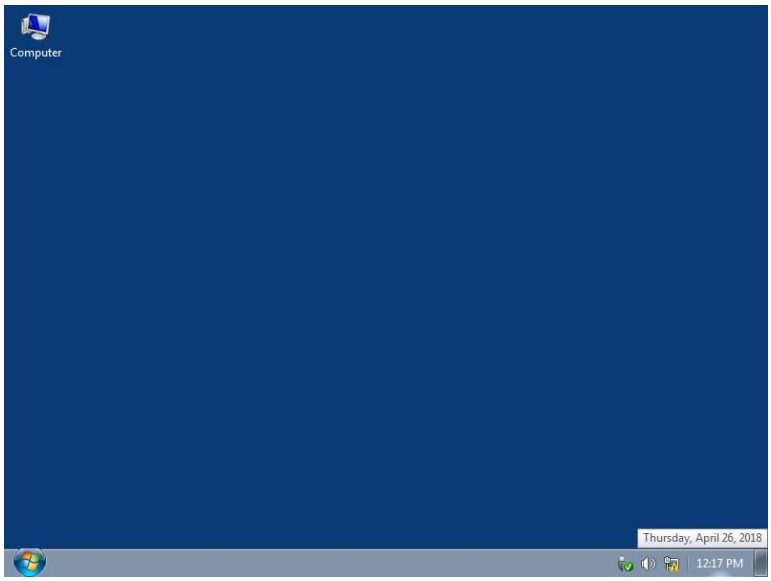
PE Headers

PROPERTY	VALUE
Magic Literal Enum	99
File Type Enum	0
File Size	0
Sha256	e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855
Mime Type	application/x-empty

CERTIFICATE VALIDATION

- Certificate Validation is not Applicable ?

SCREENSHOTS


Computer
Thursday, April 26, 2018
12:17 PM


Computer
12:17 PM