VALKYRIE COMODO

# Summary

**File Name:** aHT0uuO9iQ.exe

**File Type:** PE32 executable (GUI) Intel 80386, for MS Windows

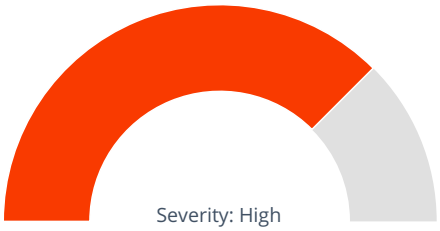
**SHA1:** 9f75d272645b1dbcb6fb63f60ab7873982f13c08

**MD5:** a286f6e999f60d56ce6e7e798d0a5c6d

MALWARE

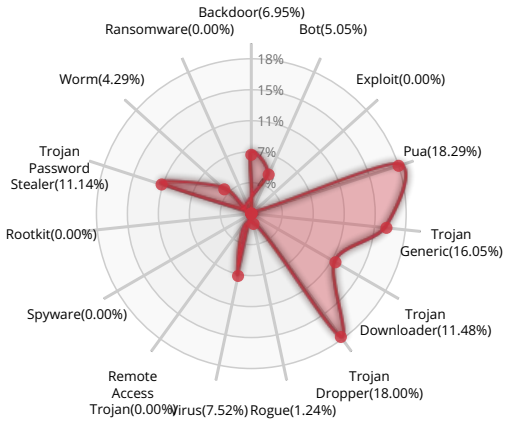
Valkyrie Final Verdict

## DETECTION SECTION

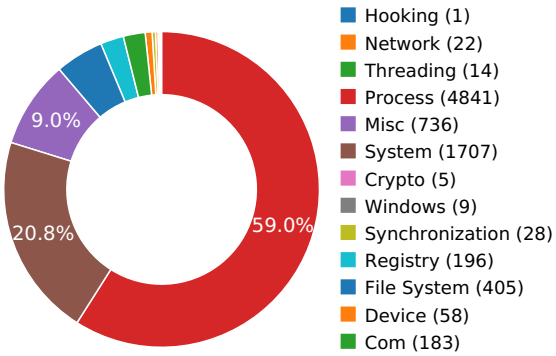



Verdict: Malware

## CLASSIFICATION




## HIGH LEVEL BEHAVIOR DISTRIBUTION




## ACTIVITY OVERVIEW

VALKYRIE COMODO

# Activity Details

## INFORMATION DISCOVERY

- Repeatedly searches for a not-found process, may want to run with startbrowser=1 option
- Attempts to remove evidence of file being downloaded from the Internet — Show sources

## NETWORKING

- Attempts to connect to a dead IP:Port (1 unique times) — Show sources
- HTTP traffic contains suspicious features which may be indicative of malware related traffic — Show sources
- Performs some HTTP requests — Show sources

## PACKER

- The binary likely contains encrypted or compressed data. — Show sources

## HOOKING AND OTHER TECHNIQUES FOR HIDING PROTECTION

- Creates RWX memory — Show sources

## PERSISTENCE AND INSTALLATION BEHAVIOR

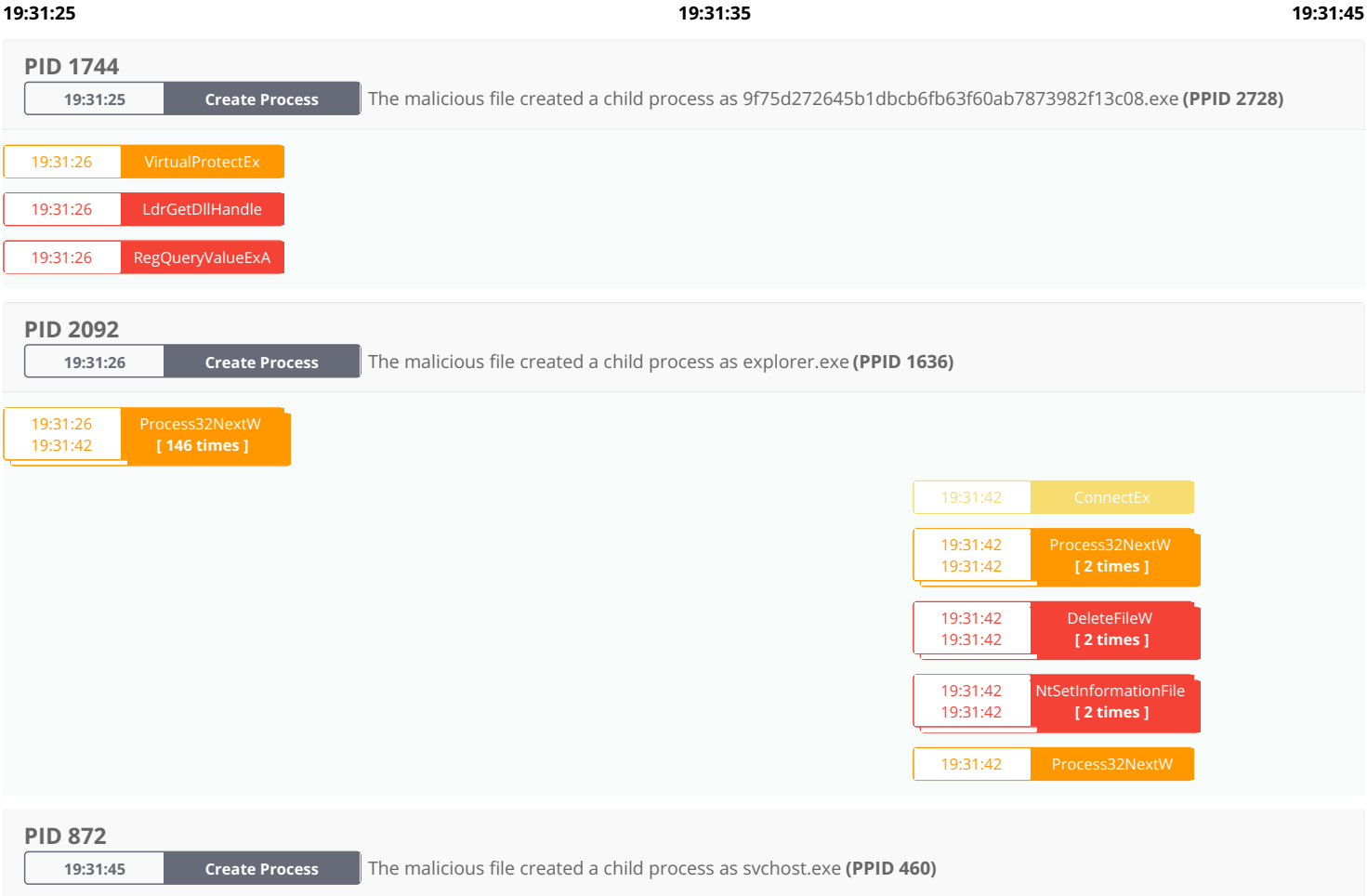
- Deletes its original binary from disk — Show sources
- Installs itself for autorun at Windows startup — Show sources
- Creates a copy of itself — Show sources

## MALWARE ANALYSIS SYSTEM EVASION

- Detects Sandboxie through the presence of a library — Show sources
- Checks the presence of disk drives in the registry, possibly for anti-virtualization — Show sources
- Creates a hidden or system file — Show sources

VALKYRIE COMODO

## Behavior Graph



VALKYRIE COMODO

## Behavior Summary

### ACCESSED FILES

| |
|---|
| C:\Users\user\AppData\Local\Temp\msvcr100.dll |
| C:\Windows\System32\msvcr100.dll |
| C:\Windows\system\msvcr100.dll |
| C:\Windows\msvcr100.dll |
| C:\ProgramData\Oracle\Java\javapath\msvcr100.dll |
| C:\Windows\System32\wbem\msvcr100.dll |
| C:\Windows\System32\WindowsPowerShell\v1.0\msvcr100.dll |
| C:\Program Files\Microsoft Network Monitor 3\msvcr100.dll |
| C:\Program Files (x86)\Universal Extractor\msvcr100.dll |
| C:\Program Files (x86)\Universal Extractor\bin\msvcr100.dll |
| C:\Program Files (x86)\Windows Kits\8.1\Windows Performance Toolkit\msvcr100.dll |
| C:\Python27\msvcr100.dll |
| C:\Python27\Scripts\msvcr100.dll |
| C:\tools\sysinternals\msvcr100.dll |
| C:\tools\msvcr100.dll |
| C:\tools\IDA_Pro_v6\python\msvcr100.dll |
| C:\ |
| C:\Windows\Globalization\Sorting\sortdefault.nls |
| C:\Windows\winhttp.DLL |
| C:\Windows\sysnative\winhttp.dll |
| C:\Windows\webio.dll |
| C:\Windows\sysnative\webio.dll |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\iddbdbdv |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\iddbdbdv\cafadrev.exe |
| C:\Users\user\AppData\Local\Temp\9f75d272645b1dbcb6fb63f60ab7873982f13c08.exe |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\iddbdbdv\cafadrev.exe:Zone.Identifier |
| C:\Windows\sysnative\advapi32.dll |
| C:\Windows |
| C:\Windows\sysnative |
| C:\Windows\sysnative\cmd.exe |
| C:\Windows\sysnative\ |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\iddbdbdv.lnk |

| |
|---|
| C:\Windows\sysnative\Tasks |
| C:\Windows\sysnative\Tasks* |
| C:\Windows\sysnative\Tasks\GoogleUpdateTaskMachineCore |
| C:\Windows\sysnative\Tasks\Opera scheduled Autoupdate 772857709 |
| C:\Windows\Tasks\Opera scheduled Autoupdate 772857709.job |
| C:\Windows\sysnative\Tasks\ |
| \??\PIPE\srvsvc |
| C:\DosDevices\pipe\ |
| \Device\LanmanDatagramReceiver |

## READ REGISTRY KEYS

| |
|---|
| HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\services\Disk\Enum\0 |
| HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\CustomLocale\en-US |
| HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Nls\ExtendedLocale\en-US |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Group Policy\History\NetworkName |
| HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{7007ACC7-3202-11D1-AAD2-00805FC1270E}\InProcServer32\(Default) |
| HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{7007ACC7-3202-11D1-AAD2-00805FC1270E}\InProcServer32\LoadWithoutCOM |
| HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{21EC2020-3AEA-1069-A2DD-08002B30309D}\SortOrderIndex |
| HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{7007ACC7-3202-11D1-AAD2-00805FC1270E}\SortOrderIndex |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\svcVersion |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\Version |
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\0a-00-27-00-00-00\WpadDecision |
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\0a-00-27-00-00-00\WpadDecisionTime |
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\WpadExpirationDays |
| HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Drive\shellex\FolderExtensions\{fbeb8a05-beee-4442-804e-409d6c4515e9}\DriveMask |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tree\GoogleUpdateTaskMachineCore\Id |
| HKEY_USERS\S-1-5-21-2298303332-66077612-2598613238-1000\Control Panel\International\LocaleName |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SQMClient\Windows\CEIPEnable |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\SchedulingEngineKnob |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tasks\{060EC885-1638-48E2-9D94-DB306C0FAA32}\Hash |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tasks\{060EC885-1638-48E2-9D94-DB306C0FAA32}\DynamicInfo |
| HKEY_LOCAL_MACHINE\SYSTEM\Setup\SystemSetupInProgress |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Rpc\SecurityService\DefaultAuthLevel |

## MODIFIED FILES

| |
|---|
| C:\Users\user\AppData\Roaming\Microsoft\Windows\iddbdbdv\cafadrev.exe |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\iddbdbdv |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\iddbdbdv.lnk |
| C:\Windows\sysnative\Tasks\Opera scheduled Autoupdate 772857709 |
| \??\PIPE\srvsvc |
| \Device\LanmanDatagramReceiver |

## RESOLVED APIS

| |
|---|
| kernel32.dll.FlsAlloc |
| kernel32.dll.FlsGetValue |
| kernel32.dll.FlsSetValue |
| kernel32.dll.FlsFree |
| kernel32.dll.IsProcessorFeaturePresent |
| uxtheme.dll.ThemeInitApiHook |
| user32.dll.IsProcessDPIAware |
| kernel32.dll.LoadLibraryA |
| kernel32.dll.VirtualAlloc |
| kernel32.dll.VirtualProtect |
| kernel32.dll.VirtualFree |
| kernel32.dll.GetVersionExA |
| kernel32.dll.TerminateProcess |
| kernel32.dll.SortGetHandle |
| kernel32.dll.SortCloseHandle |
| kernel32.dll.CloseHandle |
| user32.dll.SetPropA |
| ntdll.dll.RtlExitUserThread |
| ole32.dll.CoInitializeEx |
| advapi32.dll.RegDeleteTreeA |
| advapi32.dll.RegDeleteTreeW |
| ole32.dll.CoTaskMemAlloc |
| ole32.dll.StringFromIID |
| nsi.dll.NsiAllocateAndGetTable |
| cfgmgr32.dll.CM_Open_Class_Key_ExW |
| iphlpapi.dll.ConvertInterfaceGuidToLuid |
| iphlpapi.dll.GetIfEntry2 |

| |
|---|
| iphlpapi.dll.GetIpForwardTable2 |
| iphlpapi.dll.GetIpNetEntry2 |
| iphlpapi.dll.FreeMibTable |
| ole32.dll.CoTaskMemFree |
| nsi.dll.NsiFreeTable |
| ole32.dll.CoUninitialize |
| shlwapi.dll.StrCmpNW |
| ws2_32.dll.GetAddrInfoW |
| ws2_32.dll.WSASocketW |
| ws2_32.dll.#2 |
| ws2_32.dll.#21 |
| ws2_32.dll.#9 |
| ws2_32.dll.WSAIoctl |
| ws2_32.dll.FreeAddrInfoW |
| ws2_32.dll.#6 |
| ws2_32.dll.#5 |
| ws2_32.dll.WSARecv |
| ws2_32.dll.WSASend |
| cryptsp.dll.CryptHashData |
| cryptsp.dll.CryptGetHashParam |
| cryptsp.dll.CryptDestroyHash |
| cryptsp.dll.CryptReleaseContext |
| linkinfo.dll.CreateLinkInfoW |
| user32.dll.IsCharAlphaW |
| user32.dll.CharPrevW |
| ntshrui.dll.GetNetResourceFromLocalPathW |
| shlwapi.dll.PathRemoveFileSpecW |
| linkinfo.dll.DestroyLinkInfo |
| oleaut32.dll.#9 |

## DELETED FILES

| |
|---|
| C:\Users\user\AppData\Roaming\Microsoft\Windows\iddbdbdv\cafadrev.exe |
| C:\Users\user\AppData\Local\Temp\9f75d272645b1dbcb6fb63f60ab7873982f13c08.exe |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\iddbdbdv\cafadrev.exe:Zone.Identifier |
| C:\Windows\Tasks\Opera scheduled Autoupdate 772857709.job |

C:\Windows\sysnative\Tasks\Opera scheduled Autoupdate 772857709

## DELETED REGISTRY KEYS

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\CompatibilityAdapter\Signatures\Opera scheduled Autoupdate 772857709.job

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\CompatibilityAdapter\Signatures\Opera scheduled Autoupdate 772857709.job.fp

## REGISTRY KEYS

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\Disk\Enum

HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\services\Disk\Enum\0

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\Software\Microsoft\Windows\CurrentVersion\Group Policy\History

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Group Policy\History\NetworkName

HKEY_CLASSES_ROOT\CLSID\{7007ACC7-3202-11D1-AAD2-00805FC1270E}\InProcServer32

HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{7007ACC7-3202-11D1-AAD2-00805FC1270E}\InProcServer32\(Default)

HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{7007ACC7-3202-11D1-AAD2-00805FC1270E}\InProcServer32\LoadWithoutCOM

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\ShellCompatibility\Objects\{7007ACC7-3202-11D1-AAD2-00805FC1270E}

HKEY_CLASSES_ROOT\CLSID\{21EC2020-3AEA-1069-A2DD-08002B30309D}

HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{21EC2020-3AEA-1069-A2DD-08002B30309D}\SortOrderIndex

HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Explorer\Desktop\NameSpace\{21EC2020-3AEA-1069-A2DD-08002B30309D}

HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Desktop\NameSpace\{21EC2020-3AEA-1069-A2DD-08002B30309D}

HKEY_CLASSES_ROOT\CLSID\{7007ACC7-3202-11D1-AAD2-00805FC1270E}

HKEY_LOCAL_MACHINE\SOFTWARE\Classes\CLSID\{7007ACC7-3202-11D1-AAD2-00805FC1270E}\SortOrderIndex

HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Explorer\ControlPanel\NameSpace\{7007ACC7-3202-11D1-AAD2-00805FC1270E}

HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\ControlPanel\NameSpace\{7007ACC7-3202-11D1-AAD2-00805FC1270E}

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\CTF\KnownClasses

HKEY_LOCAL_MACHINE\Software\Microsoft\Internet Explorer

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\svcVersion

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Internet Explorer\Version

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Class\{4d36e972-e325-11ce-bfc1-08002be10318}

HKEY_CURRENT_USER\Software\Microsoft\windows\CurrentVersion\Internet Settings\Wpad

HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\0a-00-27-00-00-00

HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\0a-00-27-00-00-00\WpadDecision

| |
|---|
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\0a-00-27-00-00-00\WpadDecisionTime |
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Wpad\WpadExpirationDays |
| HKEY_CLASSES_ROOT\Drive\shellex\FolderExtensions |
| HKEY_CLASSES_ROOT\Drive\shellex\FolderExtensions\{fbeb8a05-beee-4442-804e-409d6c4515e9} |
| HKEY_LOCAL_MACHINE\SOFTWARE\Classes\Drive\shellex\FolderExtensions\{fbeb8a05-beee-4442-804e-409d6c4515e9}\DriveMask |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\WBEM\CIMOM\RepositoryRestoreInProgress |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tree\GoogleUpdateTaskMachineCore |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tree\GoogleUpdateTaskMachineCore\Id |
| HKEY_USERS\S-1-5-21-2298303332-66077612-2598613238-1000 |
| HKEY_USERS\S-1-5-21-2298303332-66077612-2598613238-1000\Control Panel\International |
| HKEY_USERS\S-1-5-21-2298303332-66077612-2598613238-1000\Control Panel\International\LocaleName |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tree\Opera scheduled Autoupdate 772857709 |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\CompatibilityAdapter\Signatures |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\CompatibilityAdapter\Signatures\Opera scheduled Autoupdate 772857709.job |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\CompatibilityAdapter\Signatures\Opera scheduled Autoupdate 772857709.job.fp |
| HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\SQMClient\Windows |
| HKEY_LOCAL_MACHINE\Software\Microsoft\SQMClient\Windows |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SQMClient\Windows\CEIPEnable |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Windows NT\CurrentVersion\Time Zones\GTB Standard Time\Dynamic DST |
| HKEY_LOCAL_MACHINE |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\SchedulingEngineKnob |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tasks\{060EC885-1638-48E2-9D94-DB306C0FAA32}\Path |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tasks\{060EC885-1638-48E2-9D94-DB306C0FAA32}\Hash |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tree\Opera scheduled Autoupdate 772857709\Id |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tree\Opera scheduled Autoupdate 772857709\Index |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tasks\{060EC885-1638-48E2-9D94-DB306C0FAA32}\Triggers |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tasks\{060EC885-1638-48E2-9D94-DB306C0FAA32} |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tasks\{060EC885-1638-48E2-9D94-DB306C0FAA32}\DynamicInfo |
| HKEY_LOCAL_MACHINE\system\Setup |
| HKEY_LOCAL_MACHINE\SYSTEM\Setup\SystemSetupInProgress |
| HKEY_LOCAL_MACHINE\Software\Microsoft\Rpc\SecurityService |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Rpc\SecurityService\DefaultAuthLevel |

## READ FILES

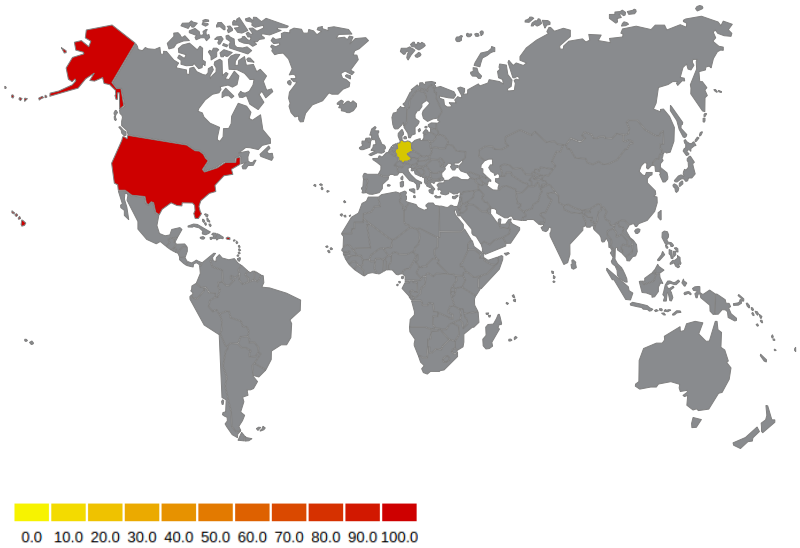
| |
|---|
| C:\Windows\Globalization\Sorting\sortdefault.nls |
| C:\Windows\sysnative\winhttp.dll |
| C:\Windows\sysnative\webio.dll |
| C:\Users\user\AppData\Local\Temp\9f75d272645b1dbcb6fb63f60ab7873982f13c08.exe |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\iddbdbdv\cafadrev.exe |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\iddbdbdv |
| C:\ |
| C:\Windows |
| C:\Windows\sysnative |
| C:\Windows\sysnative\cmd.exe |
| C:\Users\user\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\iddbdbdv.lnk |
| C:\Windows\sysnative\Tasks\Opera scheduled Autoupdate 772857709 |
| \??\PIPE\srvsvc |
| \Device\LanmanDatagramReceiver |

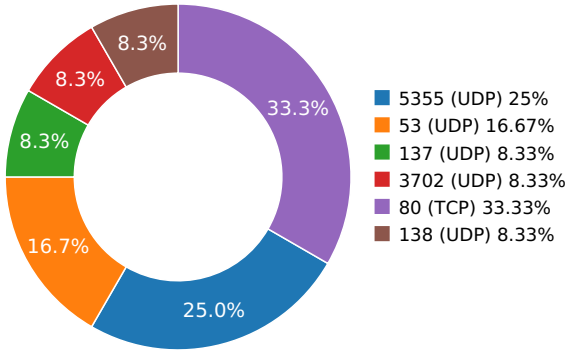
## MODIFIED REGISTRY KEYS

| |
|---|
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tasks\{060EC885-1638-48E2-9D94-DB306C0FAA32}\Path |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tasks\{060EC885-1638-48E2-9D94-DB306C0FAA32}\Hash |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tree\Opera scheduled Autoupdate 772857709\Id |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tree\Opera scheduled Autoupdate 772857709\Index |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tasks\{060EC885-1638-48E2-9D94-DB306C0FAA32}\Triggers |
| HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Schedule\TaskCache\Tasks\{060EC885-1638-48E2-9D94-DB306C0FAA32}\DynamicInfo |

## Network Behavior

| CONTACTED IPS | NETWORK PORT DISTRIBUTION |
|---|---|




| Name | IP | Country | ASN | ASN Name | Trigger Process Type |
|---|---|---|---|---|---|
| | 139.59.208.246 | Germany | 14061 | DigitalOcean, LLC | Malware Process |
| | 8.8.4.4 | United States | 15169 | Level 3 Parent, LLC | Malware Process |
| | 23.67.250.184 | United States | 20940 | Akamai Technologies, Inc. | Malware Process |
| | 47.74.235.198 | Singapore | 45102 | Alibaba.com LLC | Malware Process |
| | 23.67.250.154 | | 20940 | Akamai Technologies, Inc. | Malware Process |

### HTTP PACKETS

| Host | Port | Method | Version | User Agent | Count | Call Time During Execution(Sec) |
|---|---|---|---|---|---|---|
| www.msftncsi.com | 80 | GET | 1.1 | Mozilla/4.0 (compatible; MSI... | 1 | 26.0195441246 |
| **Path:** /ncsi.txt<br>**URI:** http://www.msftncsi.com/ncsi.txt | | | | | | |
| connectionfailed.bit | 80 | POST | 1.1 | Mozilla/4.0 (compatible; MSI... | 1 | 33.1671309471 |
| **Path:** /<br>**URI:** http://connectionfailed.bit/ | | | | | | |

## DNS QUERIES

| Request | Type |
|---|---|
| www.msftncsi.com | A |
| **Answers**<br>- 23.67.250.184 (A)<br>- 23.67.250.154 (A)<br>- www.msftncsi.com.edgesuite.net (CNAME)<br>- a1961.g2.akamai.net (CNAME) | |
| connectionfailed.bit | A |
| **Answers**<br>- 47.74.235.198 (A) | |

## TCP PACKETS

| Call Time During Execution(sec) | Source IP | Dest IP | Dest Port |
|---|---|---|---|
| 26.0195441246 | Sandbox | 23.67.250.184 | 80 |
| 33.1671309471 | Sandbox | 47.74.235.198 | 80 |

## UDP PACKETS

| Call Time During Execution(sec) | Source IP | Dest IP | Dest Port |
|---|---|---|---|
| 6.96763205528 | Sandbox | 224.0.0.252 | 5355 |
| 6.97456097603 | Sandbox | 192.168.56.255 | 137 |
| 7.17297911644 | Sandbox | 224.0.0.252 | 5355 |
| 7.17685008049 | Sandbox | 239.255.255.250 | 3702 |
| 9.72813200951 | Sandbox | 224.0.0.252 | 5355 |
| 12.975908041 | Sandbox | 192.168.56.255 | 138 |
| 25.8954460621 | Sandbox | 8.8.4.4 | 53 |
| 32.7731409073 | Sandbox | 139.59.208.246 | 53 |

VALKYRIE COMODO

DETAILED FILE INFO

## CREATED / DROPPED FILES

| FILE PATH | TYPE AND HASHES |
|---|---|
| **C:\Windows\Sysnative\Tasks\Opera Scheduled Autoupdate 772857709** | **Type :** XML 1.0 document, Little-endian UTF-16 Unicode text, with CRLF line terminators<br>**MD5 :** b1e389541256a7510ba57dd4a32c61e8<br>**SHA-1 :** f6c2a3fc6109a5446e2e6d47702a915551c15cef<br>**SHA-256 :** 7e23e23086c6da773dfd3aca5c3aaca56d5a07de<br>**SHA-512 :** 8fd6058d79faa3fffc5c68756dddd041ad31e983d<br>**Size :** 3.578 Kilobytes. |
| **C:\Users\User\AppData\Roaming\Microsoft\Windows\Iddbdbdv\Cafadrev.Exe** | **Type :** PE32 executable (GUI) Intel 80386, for MS Windows<br>**MD5 :** a286f6e999f60d56ce6e7e798d0a5c6d<br>**SHA-1 :** 9f75d272645b1dbcb6fb63f60ab7873982f13c08<br>**SHA-256 :** e19f82571c387673b103368b2b57bfa6a7d83a4a<br>**SHA-512 :** 05c4a9cb39712943b9ca41ba27f4d8ee4688644<br>**Size :** 254.976 Kilobytes. |
| **C:\Users\User\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup\Iddbdbdv.Lnk** | **Type :** MS Windows shortcut, Item id list present, Points to a file or directory, Has Relative path, Has command line arguments, Archive, ctime=Sun Nov 21 00:23:55 2010, mtime=Sun Nov 21 00:23:55 2010, atime=Sun Nov 21 00:23:55 2010, length=345088, window=hide<br>**MD5 :** 83bc8b8c09dcaf6bf7c249561ad75f5c<br>**SHA-1 :** 5e7ae4b8bd441b7a2571878c416c3bb14bf09846<br>**SHA-256 :** eab1c20cf7ba2c86de72dc083075ea257d9879c3<br>**SHA-512 :** 1ad1e5bbbbba1e956b42057ff4cdefe8ad6c9472<br>**Size :** 1.014 Kilobytes. |

## MATCH YARA RULES

| MATCH RULES |
|---|

## STATIC FILE INFO

| | |
|---|---|
| **File Name:** | aHT0uuO9iQ.exe |
| **File Type:** | PE32 executable (GUI) Intel 80386, for MS Windows |
| **SHA1:** | 9f75d272645b1dbcb6fb63f60ab7873982f13c08 |
| **MD5:** | a286f6e999f60d56ce6e7e798d0a5c6d |
| **First Seen Date:** | 2018-05-18 15:49:33.066936 ( 10 months ago ) |
| **Number Of Clients Seen:** | 8 |
| **Last Analysis Date:** | 2018-05-21 08:01:14.504904 ( 10 months ago ) |
| **Human Expert Analysis Result:** | No human expert analysis verdict given to this sample yet. |

VALKYRIE COMODO

DETAILED FILE INFO

## ADDITIONAL FILE INFORMATION

### PE Headers

| PROPERTY | VALUE |
|---|---|
| Magic Literal Enum | 3 |
| File Type Enum | 6 |
| Debug Artifacts | [] |
| Number Of Sections | 5 |
| Trid | [] |
| Compilation Time Stamp | 0x5AFD4D4E [Thu May 17 09:37:18 2018 UTC] |
| Entry Point | 0x40513e (.text) |
| Machine Type | Intel 386 or later - 32Bit |
| File Size | 254976 |
| Ssdeep | |
| Sha256 | e19f82571c387673b103368b2b57bfa6a7d83a4afa25c924b5d0938ccad86c29 |
| Exifinfo | [] |
| Mime Type | application/x-dosexec |
| Imphash | |

### PE Sections

| NAME | VIRTUAL ADDRESS | VIRTUAL SIZE | RAW SIZE | ENTROPY | MD5 |
|---|---|---|---|---|---|
| .text | 0x1000 | 0x14ee0 | 0x15000 | 6.67246588923 | c9debe359308c765213bb828d5107128 |
| .rdata | 0x16000 | 0x4262 | 0x4400 | 5.20621861098 | 20b906664235dd553aee7712d83377c4 |
| .data | 0x1b000 | 0x765ddc | 0x1e00 | 3.24698457662 | fb317736475842f2efb9b3401834a44a |
| .rsrc | 0x781000 | 0x1c52a | 0x1c600 | 7.19460331807 | 1693713ca79f46f73d77c5d1e550c1bc |
| .reloc | 0x79e000 | 0x66f6 | 0x6800 | 1.73561483299 | 233f61e93ea62ae30155cfb36c8def73 |

### PE Resources

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40', u'size': 9640}

{u'lang': u'LANG_NEUTRAL', u'name': u'RT_ICON', u'offset': 7974436, u'sha256': u'56dc01af0181482e684a33203c1b7a3288ad51eeee6b73cadae20b546048e39f', u'type': u'data', u'size': 2440}

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## CERTIFICATE VALIDATION

- Certificate Validation is not Applicable ?

## SCREENSHOTS



Computer
7:31 PM