

# Malware Analysis Report:

[37cqsj.exe]

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Analysis Date: 27/11/2025.

Enjoy Reading 😊

## General Information

- Original File Name: 37cqsj.exe
- MD5: 64bdd94921a2d2daa4cccd8cfe2ce74ef
- SHA1: 14bc94f5ee27621af1c4ca02064fe0a63a698634
- IMPHASH: 099c0646ea7282d232219f8807883be0
- File Size: 1'584'368 bytes = 1.584368 MB
- First Seen: 2025-11-24
- Number Of Downloads: 107
- Origin Country: 🇮🇱 IL
- File Type: Adware (Adware.PushWare)
- The file also known as:

"ba9b47b7c3d69397cf50583df171b5ca71a5726e2a24e0f788dbef2319b8672e .exe"

## A little about the file

Unwanted software that forcefully displays intrusive advertisements, often by tracking your online activity and pushing pop-up notifications to generate revenue for its developers.

## Analysis Overview:

37cqsj.exe being identified as Adware that pops up on the screen when executed - looks like a "computer game". The file downloads some pictures via HTTP GET request (JPG, PNG, etc.). Surprisingly, the file does not maintain a Persistence via REGISTRY paths = It does not come up when the system is restarted. Also, the file starts On-Execution Only.

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(picture of 37cqsj.exe.)

# Static Analysis:

## First Static Analysis on Virus Total

Marked as Adware for win 32 at "AliBaba"

Also at ESET AV: Known as PUP (Potentially Unwanted Program)

From this we understand that the malware is marked as suspicious by many tests and companies.

## Exiftool using:

```
Rati@Rati-OptiPlex-5090: ~ % exiftool 562582ffed521b0144b0120cc7dfd5fb50c38e94d6c10a86f9ef800ff0cf7bd1.exe
ExifTool Version Number : 13.25
File Name : 562582ffed521b0144b0120cc7dfd5fb50c38e94d6c10a86f9ef800ff0cf7bd1.exe
Directory : .
File Size : 2.8 MB
File Modification Date/Time : 2025:11:23 16:35:50-05:00
File Access Date/Time : 2025:11:23 11:37:13-05:00
File Inode Change Date/Time : 2025:11:23 11:36:14-05:00
File Permissions : -rw-r--r--
File Type : Win64 EXE
File Type Extension : exe
MIME Type : application/octet-stream
Machine Type : AMD AMD64
Time Stamp : 0000:00:00 00:00:00
Image File Characteristics : Executable, Large address aware
PE Type : PE32+
Linker Version : 3.0
Code Size : 1000448
Initialized Data Size : 48128
Uninitialized Data Size : 0
Entry Point : 0x695a0
OS Version : 6.1
Image Version : 1.0
Subsystem Version : 6.1
Subsystem : Windows GUI
```

## Volatility tool:

Trying to check for persistence.

Taking the ".raw" file of the memory dump while executing the ADWARE.

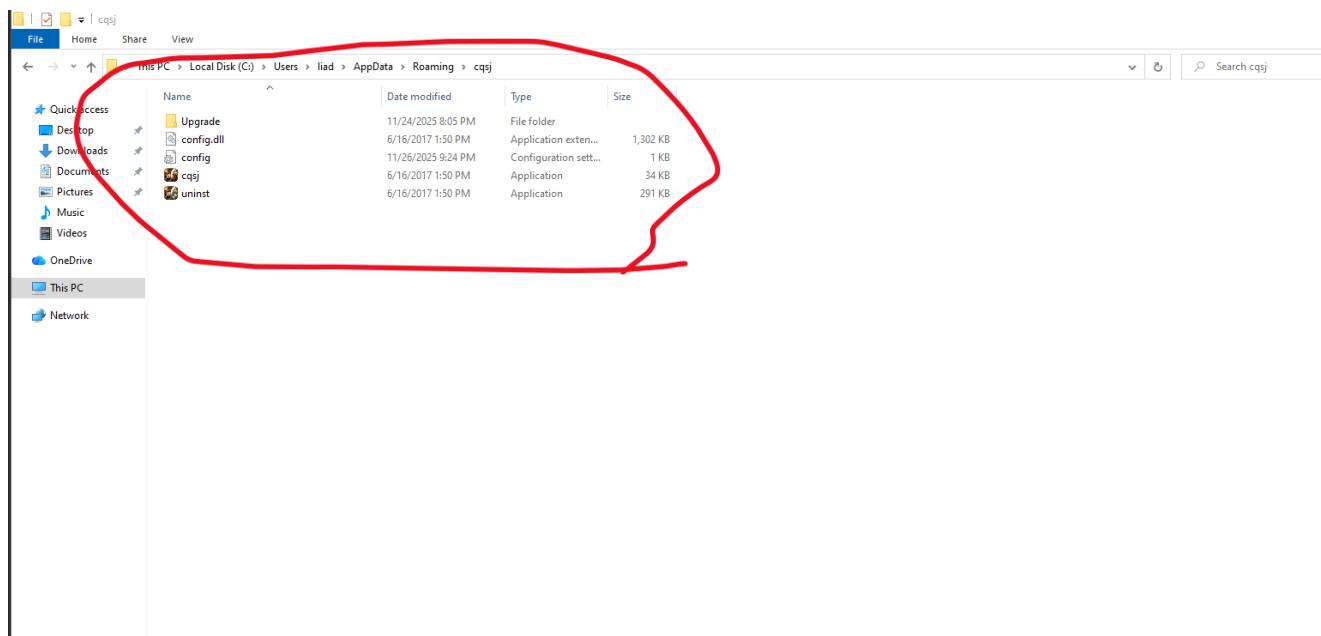
With the VOL3 command and its plugin "windows.pstree", we found that there is Created storage of the file and its configuration extensions in the folder: "C:\Users\liad\AppData\Roaming\cqsj\cqsj.exe".

Reason for the specific path:

It is known that Adware (PUA) files like to interface without permissions, hide behind legitimate files and bypass basic protection mechanisms easily. It is simple and easy, does not require special permissions, and a location that is almost never checked.

```
rddiskVolume3\Users\liad\AppData\Roaming\cqsj\cqsj.exe "C:\Users\liad\AppData\Roaming\cqsj\cqsj.exe" /autorun /setuprun  
1238274048 0 0xa6033e334080 221229056 - N/A True 1600-09-08 11:36:28.000000 UTC 16  
00:01:40.000000 UTC - - -  
└─(root㉿kali)-[/home/kali/Desktop/volatility3]  
└─# python vol.py -f /home/kali/Desktop/DESKTOP-R1Q451D-20251126-191545.raw windows.pstree.PsTree |grep -i "37cqsj.exe"
```

And when we get into this specific path We can see this visually.



## STRINGS tool:

According to STRINGS, you can see that the file knows how to:

- **Read/write/delete files** (`CreateFileA`, `ReadFile`, `WriteFile`, `DeleteFileA`, `CopyFileA`, `MoveFileA`, `CreateDirectoryA`, `RemoveDirectoryA`, `GetTempPathA`, `GetTempFileNameA`).
- **Work with Registry** (`RegCreateKeyExA`, `RegSetValueExA`, `RegDeleteKeyA`, `RegEnumKeyA`, `RegEnumValueA`), i.e. add/delete/modify keys – whether for legitimate installation or Persistence.
- **Display GUI and manage windows and dialog boxes** (`MessageBoxIndirectA`, `CreateDialogParamA`, `DialogBoxParamA`, `ShowWindow`, `SetWindowTextA`, `TrackPopupMenu`, etc.) – classic installation interface.
- **Perform shell operations such as** `ShellExecuteA`, `SHFileOperationA`, `SHBrowseForFolderA`, `SHGetSpecialFolderLocation`, `SHGetFolderPathA` – open files/folders, shortcut, select folder.
- **Work with advanced privileges** (`OpenProcessToken`, `AdjustTokenPrivileges`, `LookupPrivilegeValueA`, `SeShutdownPrivilege`) – for example, allow startup/shutdown after installation or delete locked files.

All things relevant to the INSTALLER of a particular application.

In addition, the file uses a lot of DLLs that were captured during the STRINGS command.

Using the STRINGS command we can see legitimate DLL's unlike the dynamic analysis within the PROCESS MONITOR below.

```
PS C:\Users\liad\Desktop> .\strings.exe .\ba9b47b7c3d69397cf50583df171b5ca71a5726e2a24e0f788dbef2319b8672e.exe | findstr /R /I "\.dll"
KERNEL32.dll
USER32.dll
GDI32.dll
SHELL32.dll
ADVAPI32.dll
COMCTL32.dll
ole32.dll
VERSION.dll
```



List of DLLs found with strings command

This is an XML text that tells the system what type of OS the endpoint is, what configurations it works with, whether it requires ADMIN permissions, etc. In addition, it means that an NSIS Installer file:

Not a “pure” EXE file, but an installer with a payload inside.

It allows hiding internal files.

Allows unzip of payload at runtime.

Allows scripts (.nsi files).

# Dynamic Analysis:

## Persistence via Registry Changes (with "Autorun"):

With a short Investigation on AUTORUN by "sysinternals" we understand that there is no Registry change for persistence purposes.

The screenshot shows the Autoruns application interface. The main window displays a list of registry keys and their associated executables. The columns include Description, Publisher, and Image Path. Several entries are visible, such as Microsoft Edge AutoLaunch, Microsoft OneDrive, and various Windows command processor entries. The status column indicates that none of these entries are marked as persistence changes.

In addition, no changes were found in the REGISTRY paths themselves within the "Regedit" software. - The reg - keys checked:

**HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\RunOnce**

**HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Run**

**HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Run**

**HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Run**

The screenshot shows the Windows Registry Editor interface. It displays two main registry keys under 'Computer\HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Run'. The first key is 'RunOnce' and the second is 'Run'. Both keys have a single entry '(Default)' with a value type of 'REG\_SZ' and data '(value not set)'. This visual confirmation matches the findings from the Autoruns tool, indicating no persistence changes were made.

## Investigation in ProcessMonitor:

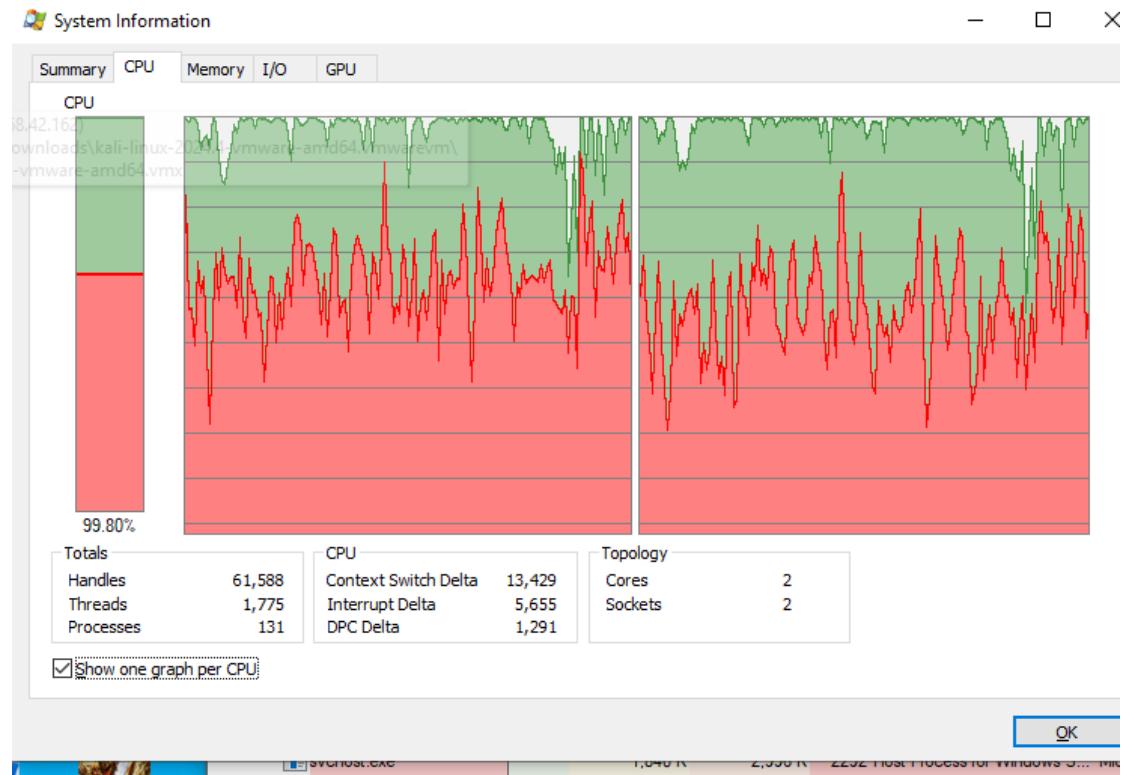
The adware creates registry keys to temporarily activate functions or run code that it executes in real time, and not with the intention of maintaining persistence over time. This could be, for example, temporary values for tracking or payload delivery. (**NO PERSISTENCE !**)

The adware is trying to modify lots of registry paths to perform an action such as loading a DLL, connecting to a network, or changing settings, and then closes them when the action is complete so that no visible traces are left or the system retains them.

Time ...	Process Name	PID	Operation	Path	Result	Detail
2:31:2...	ba9b47b7c3d6...	8456	RegCloseKey	HKCU\Software\Microsoft\Windows\C...	SUCCESS	
2:31:2...	ba9b47b7c3d6...	8456	RegCloseKey	HKCU	SUCCESS	
2:31:2...	ba9b47b7c3d6...	8456	CreateFile	C:\Users\liad\Desktop\SHFOLDER.DLL	NAME NOT FOUND Desired Access: R...	
2:31:2...	ba9b47b7c3d6...	8456	CreateFile	C:\Windows\SysWOW64\shfolder.dll	SUCCESS Desired Access: R...	
2:31:2...	ba9b47b7c3d6...	8456	QueryBasicInfor...	C:\Windows\SysWOW64\shfolder.dll	SUCCESS Creation Time: 3/19...	
2:31:2...	ba9b47b7c3d6...	8456	CloseFile	C:\Windows\SysWOW64\shfolder.dll	SUCCESS	
2:31:2...	ba9b47b7c3d6...	8456	CreateFile	C:\Windows\SysWOW64\shfolder.dll	SUCCESS Desired Access: R...	
2:31:2...	ba9b47b7c3d6...	8456	QueryEAFile	C:\Windows\SysWOW64\shfolder.dll	SUCCESS	
2:31:2...	ba9b47b7c3d6...	8456	CreateFileMapp...	C:\Windows\SysWOW64\shfolder.dll	FILE LOCKED WI... SyncType: SyncTy...	
2:31:2...	ba9b47b7c3d6...	8456	QueryStandardI...	C:\Windows\SysWOW64\shfolder.dll	SUCCESS AllocationSize: 12...	
2:31:2...	ba9b47b7c3d6...	8456	ReadFile	C:\Windows\SysWOW64\shfolder.dll	SUCCESS Offset: 0, Length: 8...	
2:31:2...	ba9b47b7c3d6...	8456	CreateFileMapp...	C:\Windows\SysWOW64\shfolder.dll	SUCCESS SyncType: SyncTy...	
2:31:2...	ba9b47b7c3d6...	8456	CloseFile	C:\Windows\SysWOW64\shfolder.dll	SUCCESS	
2:31:2...	ba9b47b7c3d6...	8456	CreateFile	C:\Windows\SysWOW64\shfolder.dll	SUCCESS Desired Access: R...	
2:31:2...	ba9b47b7c3d6...	8456	QuerySecurityFile	C:\Windows\SysWOW64\shfolder.dll	BUFFER OVERFL... Information: Owner	
2:31:2...	ba9b47b7c3d6...	8456	QuerySecurityFile	C:\Windows\SysWOW64\shfolder.dll	SUCCESS Information: Owner	
2:31:2...	ba9b47b7c3d6...	8456	CloseFile	C:\Windows\SysWOW64\shfolder.dll	SUCCESS	
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKLM	SUCCESS	Query: HandleTag...
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKLM	SUCCESS	Query: Name
2:31:2...	ba9b47b7c3d6...	8456	RegOpenKey	HKLM\Software\WOW6432Node\Micr...	REPARSE	Desired Access: Q...
2:31:2...	ba9b47b7c3d6...	8456	RegOpenKey	HKLM\SOFTWARE\Microsoft\Window...	SUCCESS	Desired Access: Q...
2:31:2...	ba9b47b7c3d6...	8456	RegSetInfoKey	HKLM\SOFTWARE\Microsoft\Window...	SUCCESS	KeySetInformation...
2:31:2...	ba9b47b7c3d6...	8456	RegQueryValue	HKLM\SOFTWARE\Microsoft\Window...	NAME NOT FOUND Length: 16	
2:31:2...	ba9b47b7c3d6...	8456	RegCloseKey	HKLM\SOFTWARE\Microsoft\Window...	SUCCESS	
2:31:2...	ba9b47b7c3d6...	8456	RegOpenKey	HKCU	SUCCESS	Desired Access: M...
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKCU	SUCCESS	Query: HandleTag...
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKCU	SUCCESS	Query: Name
2:31:2...	ba9b47b7c3d6...	8456	RegOpenKey	HKCU\Software\Microsoft\Windows\C...	NAME NOT FOUND Desired Access: Q...	
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKLM	SUCCESS	Query: HandleTag...
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKLM	SUCCESS	Query: Name
2:31:2...	ba9b47b7c3d6...	8456	RegOpenKey	HKLM\Software\WOW6432Node\Micr...	REPARSE	Desired Access: Q...
2:31:2...	ba9b47b7c3d6...	8456	RegOpenKey	HKLM\SOFTWARE\Microsoft\Window...	SUCCESS	Desired Access: Q...
2:31:2...	ba9b47b7c3d6...	8456	RegSetInfoKey	HKLM\SOFTWARE\Microsoft\Window...	SUCCESS	KeySetInformation...
2:31:2...	ba9b47b7c3d6...	8456	RegQueryValue	HKLM\SOFTWARE\Microsoft\Window...	NAME NOT FOUND Length: 16	
2:31:2...	ba9b47b7c3d6...	8456	RegCloseKey	HKLM\SOFTWARE\Microsoft\Window...	SUCCESS	
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKCU	SUCCESS	Query: HandleTag...
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKCU	SUCCESS	Query: Name
2:31:2...	ba9b47b7c3d6...	8456	RegOpenKey	HKCU\Software\Microsoft\Windows\C...	NAME NOT FOUND Desired Access: Q...	
2:31:2...	ba9b47b7c3d6...	8456	RegQueryValue	HKLM\System\CurrentControlSet\Contr...	BUFFER TOO SM... Length: 0	
2:31:2...	ba9b47b7c3d6...	8456	RegQueryValue	HKLM\System\CurrentControlSet\Contr...	SUCCESS	Type: REG_BINA...
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKLM	SUCCESS	Query: HandleTag...
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKLM	SUCCESS	Query: Name
2:31:2...	ba9b47b7c3d6...	8456	RegOpenKey	HKLM\Software\WOW6432Node\Micr...	REPARSE	Desired Access: Q...
2:31:2...	ba9b47b7c3d6...	8456	RegOpenKey	HKLM\SOFTWARE\Microsoft\Window...	SUCCESS	Desired Access: Q...
2:31:2...	ba9b47b7c3d6...	8456	RegSetInfoKey	HKLM\SOFTWARE\Microsoft\Window...	SUCCESS	KeySetInformation...
2:31:2...	ba9b47b7c3d6...	8456	RegQueryValue	HKLM\SOFTWARE\Microsoft\Window...	NAME NOT FOUND Length: 16	
2:31:2...	ba9b47b7c3d6...	8456	RegCloseKey	HKLM\SOFTWARE\Microsoft\Window...	SUCCESS	
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKCU	SUCCESS	Query: HandleTag...
2:31:2...	ba9b47b7c3d6...	8456	RegQueryKey	HKCU	SUCCESS	Query: Name
2:31:2...	ba9b47b7c3d6...	8456	RegOpenKey	HKCU\Software\Microsoft\Windows\C...	NAME NOT FOUND Desired Access: Q...	

We can see a huge number of events shown at The Adware's execution and until its exit and close itself. (taked at ProcessMonitor)

**As we said earlier, because of the many processes it creates, it uses the computer's resources (CPU) in an increased and disproportionate way.**



**(at process explorer)**

## Wireshark:

**Using wireshark network packets analyzer, We can see quite a few different network packets.**

**The packets I focused on mostly belong to the DNS and HTTP protocols.**

**According to the HTTP requests I investigated, we can see many requests mainly to sites with the ".com" extension in China, such as "<https://my.37.com>" , "<http://d.wanyouxi7.com/37/cqsj/official1/app.ini>" and more.**

**Our ADWARE also uses HTTP GET requests that it sends from the browser on our end-device where it is located. Most of the HTTP requests included downloads of settings and applications in JAVASCRIPT and CSS code, apparently to be used for visualization of the ADWARE file.**

**From this we understand that the application gains access to free communication with our network while executed – we don't want it !.**

## Http packets in wireshark

No.	Time	Source	Destination	Protocol	Length	Info
61	13.141799	192.168.42.134	106.55.79.146	HTTP	341	GET /controller/istat.controller.php?item=8133tay6p9&platform=37wan&game_id=462&ext_1=3&ext_2=37wancom&ext_3=cqsj&ext_4=EA5BE3206ED34B66B095E94935457F1&ext_5=
63	13.446224	106.55.79.146	192.168.42.134	HTTP	431	HTTP/1.1 200 OK (text/plain)
157	16.432073	192.168.42.134	103.143.17.12	HTTP	637	GET /controller/client.php?game_id=462&tpl_type=game&refer=37wancom&uid=cqsj&version=3000&installtime=20251124&runcount=1&curtime=20251124201452&showloginty=
188	16.745420	103.143.17.12	192.168.42.134	HTTP	194	HTTP/1.1 200 OK (text/html)
207	17.241183	192.168.42.134	111.7.103.95	HTTP	563	GET /cqsj/css/client/game.css?t=1764008094 HTTP/1.1
209	17.342064	192.168.42.134	111.7.103.95	HTTP	1187	GET /js/sq/widget/sq.clientclass2.js?t=1764008094 HTTP/1.1
211	17.342551	192.168.42.134	111.7.103.95	HTTP	561	GET /cqsj/js/client/game.js?t=1764008094 HTTP/1.1
224	17.659189	111.7.103.95	192.168.42.134	HTTP	1146	HTTP/1.1 200 OK (text/css)
236	17.776683	111.7.103.95	192.168.42.134	HTTP	268	HTTP/1.1 200 OK (application/x-javascript)
238	17.776683	111.7.103.95	192.168.42.134	HTTP	983	HTTP/1.1 200 OK (application/x-javascript)
254	18.783062	192.168.42.134	106.55.79.146	HTTP	762	GET /controller/istat.controller.php?platform=37wan&item=u3tf15ftfl&game_id=462&sid=&position=1&ext_1=1&ext_2=37wancom&ext_3=cqsj&ext_4=g&ext_5=g&log_
256	18.823575	192.168.42.134	111.7.103.95	HTTP	1241	GET /js/sq/widget/sq.dialog2015.js?t=1764008097053&_=1764008097053 HTTP/1.1
260	18.864981	192.168.42.134	193.112.116.230	HTTP	554	GET /1/ HTTP/1.1
269	19.048285	192.168.42.134	163.171.131.248	HTTP	148	GET /37/cqsj/official1/app.ini HTTP/1.1
271	19.063249	106.55.79.146	106.55.79.146	HTTP	122	HTTP/1.1 200 OK (text/html)
275	19.111788	193.112.116.230	192.168.42.134	HTTP	100	HTTP/1.1 200 OK (text/html)
277	19.161562	192.168.42.134	280	HTTP	122	HTTP/1.1 200 OK (text/html)
282	19.225546	111.7.103.95	192.168.42.134	HTTP	100	HTTP/1.1 200 OK (text/html)
284	19.232639	192.168.42.134	192.168.42.134	HTTP	100	HTTP/1.1 200 OK (text/html)

It downloads app.ini – configuration file

http://d.wanyouxi7.com/37/cqsj/official1/app.ini

① 6/80 security vendors flagged this URL as malicious

Community Score: 6 / 80

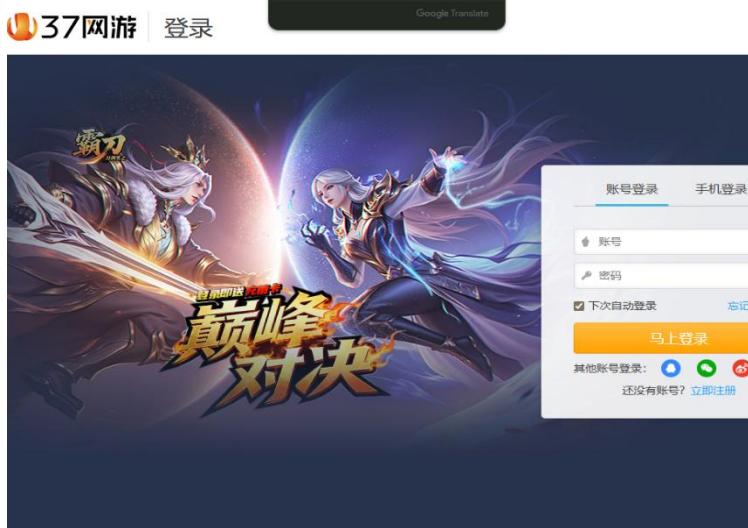
Detection Details Community

Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.

Security vendors' analysis

Comodo Valkyrie Verdict	Malware	CRDF	Malicious
CyRadar	Malicious	Emsisoft	Malicious
Forcepoint ThreatSeeker	Malicious	Yandex Safebrowsing	Malicious

DNS check with virus total for the full URL brings to another suspicious pages



"<https://my.37.com>"

The site that was Found at the DNS communications - between (my) client browser (by '37cqsj.exe') and the internet.

# Sysmon

Operational Number of events: 93

Filtered: Log: Microsoft-Windows-Sysmon/Operational; Source: ; Event ID: 1,7. Number of events: 7

Level	Date and Time	Source	Event ID	Task Category
Information	11/27/2025 4:30:11 PM	Sysmon	1	Process Create (rule: ProcessCreate)
Information	11/27/2025 4:29:58 PM	Sysmon	7	Image loaded (rule: ImageLoad)
Information	11/27/2025 4:29:58 PM	Sysmon	7	Image loaded (rule: ImageLoad)
Information	11/27/2025 4:29:53 PM	Sysmon	1	Process Create (rule: ProcessCreate)
Information	11/27/2025 4:29:51 PM	Sysmon	1	Process Create (rule: ProcessCreate)
Information	11/27/2025 4:29:50 PM	Sysmon	7	Image loaded (rule: ImageLoad)
Information	11/27/2025 4:29:50 PM	Sysmon	1	Process Create (rule: ProcessCreate)

Event 1, Sysmon

General Details

```
Process Create:  
RuleName: Attack-T1204,Technique=User Execution,Tactic=Execution,DS=Process: Process Creation,Level=0,Desc=Executed files on Desktop,Risk=10  
UtcTime: 2025-11-27 14:29:51.526  
ProcessGuid: {75007444-50f5-6928-a01-000000002c00}  
ProcessId: 8436  
Image: C:\Users\liad\Desktop\ba9b47b7c3d69397cf50583df171b5ca71a5726e2a24e0f788dbe2319b8672e.exe  
FileVersion: 3.0.0.0  
Description: 37传奇世界 install  
Product: 37传奇世界  
Company: 37游戏中心  
OriginalFileName: -  
CommandLine: "C:\Users\liad\Desktop\ba9b47b7c3d69397cf50583df171b5ca71a5726e2a24e0f788dbe2319b8672e.exe"  
CurrentDirectory: C:\Users\liad\Desktop\  
User: DESKTOP-R1Q451D\liad  
LogonGuid: {75007444-50f5-6928-8600-000000002c00}  
LogonId: 0x1245  
TerminalSessionId: 1  
IntegrityLevel: High
```

You can explicitly see by filtering in EVENT VIEWER under PROCESS CREATE RULE and IMAGE LOADED RULE: the name of our file, along with comments in Chinese under DESCRIPTION.

I found that there is also an entire field that describes an execution technique (T1204) from MITRE ATT&ACK - with a RISK of 10.

```
IntegrityLevel: Medium  
Hashes: SHA1=14BC94F5EE27621AF1C4CA02064FE0A63A698634, MD5=64BDD9492  
099C0646EA7282D232219F8807883BEO  
ParentProcessGuid: {75007444-50f5-6928-8600-000000002c00}  
ParentProcessId: 4680  
ParentImage: C:\Windows\explorer.exe  
ParentCommandLine: C:\Windows\Explorer.EXE  
ParentUser: DESKTOP-R1Q451D\liad
```



Parent Process Exception: explorer.exe (PID 4680) ran the process, which is suspicious because Explorer is not supposed to run processes without direct user interaction.

IntegrityLevel: Medium: The process is running at a normal privilege level (not SYSTEM or High), meaning the adware did not achieve privilege escalation but can still run in the user context.

## **Summary:**

**37cqsj.exe** is a software that freely communicates with the Internet browser and creates requests and DLLs easily. Adware (Including MALWARES) can be terribly dangerous, and will probably not end with the download of a code OR a legitimate application as in our case, but could lead to much more serious things.

We discovered that the file is very quiet, and runs as a computer game to disguise the actions it creates in the background - behind the scenes.

Surprisingly, it does not keep a hold on the REGISTRY - probably to keep quiet, but instead it makes some conf files copy of itself on to the APPDATA path in Windows, a path that is hardly accessed.

37cqsj.exe does change a lot of keys and values in the Registry (temporarily), thus essentially creating environmental conditions that allow it to operate indirectly and transparently to the user, without leaving clear traces of traditional Persistence. In addition, its manipulations in the registry help to hide its activity, run components in the background and maintain stability of operation even without direct registration in automatic startup.

## **Recommendations:**

**First of all, you should remove the software immediately.**

**Isolate the end-point device.**

**kill the sessions and Block the communication.**

**Clean the browsers: Remove strange extensions, reset homepage/search engine, and reset browser settings to default if needed.**

**Block the suspicious Domains on your FW / proxy and add the Unknown IP's to a black-list.**

**Run a full security scan: Use your antivirus/EDR and, if possible, an extra adware/PUA removal tool and delete everything it flags.**

**To continue:**

**It is recommended to investigate further about its communications, processes and the DLL's it maked.**

