# Sliver C2 Being Distributed Through Korean Program Development Company

Assc asec.ahnlab.com/en/55652/

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In the past, AhnLab Security Emergency response Center (ASEC) had shared the **"SparkRAT Being Distributed Within a Korean VPN Installer"** [1] case post and the **"Analysis of Attack Cases: From Korean VPN Installations to MeshAgent Infections"** [2] case post which covered the SparkRAT malware being distributed through a Korean VPN service provider's installer.

ASEC has recently identified similar malware strains being distributed while being disguised as setup files for Korean VPN service providers and marketing program producers. Unlike the past cases where SparkRAT was used, Sliver C2 was used in the recent attacks [3] and techniques to evade detection were employed.

As of now, most websites of the affected companies provide normal setup files available for download. It is therefore uncertain whether the malware strain has been distributed as installers in official websites before being rectified like in past cases, or if there are other distribution paths. However, an investigation of the malware strains involved revealed that they were all related to the software provided by the same program development company. Most malware samples had certificates disguised as valid ones from this company. There were also multiple samples signed with valid certificates.

Malicious installers are still uploaded on the software download website provided by this company, so users may be unaware of this fact and install the file in question. In light of these facts, it seems that the threat actor attacked the development company and distributed installers with malware strains. Such types of attacks are steadily being launched from the first half of 2023.



Figure 1. Software download website of the company used for malware distribution **1. Past Attack Cases** 



#### Figure 2. Past attack flow

Examining past cases show that a malicious setup file is uploaded to the website of a Korean VPN service provider instead of the normal installer. Accordingly, users may mistakenly think that they have executed a normal setup file, but a malware strain is also installed in the system and executed. The malicious installer in the initial attack was developed in .NET which simply created and executed the normal installer and the SparkRAT malware. SparkRAT is an open-source RAT type malware developed in Go lang. It provides features to control the infected system such as executing commands, exfiltrating information, and controlling processes and files.

Malware files continued to be uploaded to the website of this VPN company afterward. To prevent the malware from being detected, the tactic changed from directly dropping the malware strain to installing SparkRAT through a downloader. After SparkRAT (backdoor) was installed in the infected system, MeshAgent from MeshCentral was additionally installed to be used for remote desktop features.



#### 2. Analysis of the Malware Currently Used in Attacks

#### Figure 3. Current attack flow

Unlike the malicious installers of the past which were droppers that simultaneously installed the malware strain, the currently used type is both a downloader and injector type malware. All malware strains used in the attacks including the installer were developed in Go lang and were all obfuscated. SparkRAT, which was used by the threat actor in the past, is also a backdoor developed in Go lang. Dropper and downloader type malware types developed in Go lang were also used in subsequent attack stages. Sliver C2 which is being detected recently is also developed in Go lang. As such, it appears that the threat actor prefers the Go language for development.

```
00806C40
         47 76 6F 38 2E 51 48 58 4C 72 48 7A 4E 51 50 6A
                                                           Gvo8.QHXLrHzNQPj
00806C50
          45 00 6D 62 38 32 52 63 62 2E 4D 4F
                                              78 68 67 6B
                                                           E.mb82Rcb.MOxhgk
          34 39 6B 6A 74 00 6E 36 35 36 35 4A
00806C60
                                              2E 58 61 7A
                                                           49kjt.n6565J.Xaz
          31 48 6C 6D 5F 4B 57 34 5B 2E 2E 2E 5D
                                                 00
                                                    6D 62
                                                           1Hlm KW4[...].mb
00806C70
00806C80
         38 32 52 63 62 2E 28 2A 50 72 6F 63 65 73 73 29
                                                           82Rcb. (*Process)
                                                            .Name.n6565J.Lp8
00806C90
          2E 4E 61 6D 65 00 6E 36 35 36
                                        35
                                           4A
                                              2E
                                                 4C 70 38
          69 54 67 41 5B 2E 2E 2E 5D 00
                                        6D
                                           61
                                              69
                                                 6E
                                                           iTgA[...].main.C
00806CA0
                                                    2E 43
00806CB0
          59 47 49 66 71 57
                            73 35 34 00 4B 4D
                                              4D
                                                 48 79 4A
                                                           YGIfqWs54.KMMHyJ Figure
00806CC0
          75 7A 74 2E 45 72 53 77 4A 4D 00 6D 61 69 6E 2E
                                                           uzt.ErSwJM.main.
                                                    66 74
00806CD0
          28 2A 7A 55 39 4C 49 59 79 50 46 29
                                              2E
                                                 41
                                                            (*zU9LIYyPF).Aft
00806CE0
          65
             72 00 75 73
                        75
                            31 49
                                  49 2E 58 6F
                                              76 74 57 4D
                                                           er.usulII.XovtWM
00806CF0
          00 5F 53 6D 4B 74 6F 69 68 34 49 79
                                              2E 44 42 68
                                                            . SmKtoih4Iy.DBh
00806D00
          59 5A 66 36 30 7A 00 5F 53 6D 4B 74 6F 69 68 34
                                                           YZf60z. SmKtoih4
                                                           Iy. (*IeVOXz) .Mus
00806D10
          49 79 2E 28 2A 49 65 56 30 58 7A 29 2E 4D 75 73
00806D20
          74 46 69 6E 64 50 72 6F 63 00 00 00 00 00 00 00
                                                           tFindProc.....
```

#### 4. Obfuscated Go binary

The malicious installer connects to the C&C server and downloads encrypted configuration data. When conditions match, Sliver C2 is downloaded. Notepad (notepad.exe), a normal program, is executed before Sliver C2 is injected into this. Because these processes are

carried out simultaneously with the task of creating and executing the normal setup file, users may think the file is normal.



installer created by the malicious file

The malicious installer also includes an anti-sandbox feature. The list of currently running processes is looked up and injection is only performed when a certain process is running. The list of processes to check for is encrypted at the following URL. The malware strain downloads this and decrypts it to use it for checking the conditions.

Configuration download URL: hxxps://status.devq[.]workers.dev/

S https://status.devq.workers.dev 🗙 🕂

{"respone1":"e3b14f587cbc78bfc1eec57862bcd939","respone":"63720856e6b19560add39400c79d5087cbcbbd9b4347c8915a28932 8ed274d5fc4440bf54f0a7fdeafdb5f046547f19c561504d66901e3e2097540acac368c06e32a89fed41ff44c337550defb91a8d0c7477d8e 43cd25b7ced36af3bae9bb366f1f9e5ab9f7febac1eabf3a7cdd5b3d263e02de61f0a2e38b789b493a3bd4c1aa358fcc6818575020bdcc080 473b2fb471ce8d73240e2dab560ce891198a20d57c2fef071625727ceca6be3618586e873070e0271e82157ae14e70da1435676a98bc537ac 98f73a8eabbf70ccceb279baa427b4bd737e97dfd84e9bef8bddc1732489f0078384ffdd96188a0cab07e679d7517077b8611d3713dcab24d e38a51c5b7dcfc94c4314f3862cc4b1b4f640c909f18343f20de53c3d3262599ce51c5b3d6d6def046b8b3964101dec6bc8d097553ce85e9d 3c535788ff4a7c543c8f434422212554404ea6e5c184aa792834c001471abad362502597d8bf9e0933953dccf8dfac808e8bca3319f9be838 780736497c1bf0384a4d4bc2753cb2750e47ad8da6117ea5bd7f24be4aa8cdeae658c7ed12aa90f733a234aa6bb5bf5f100fc925b31aec458 89514d0eb948c745bb95944043dbf46a9c04a2086119c211bd9079f9779c6af82d394064cde70ec0e52a2a2afe101c5835099f97ef47daa32 3a931d67b5224f2ce66171b7cec5702d78d3c385fa4083ea8eee4b60ccf53fd97406ebeb66d58769730144013d2ec46fe1dd93b5629fa700f d2b6663428a7ca74d2826c3f13580212c5a6d8a27108f14fe73b586c5de705b70e8fac07b0171addc3de288c0ab2d4cf349f1e78fc4253912 a f 595d6ad83c8608e300973860 f a 0614bd9351954012ce70adb36e878d13 f 1935418 f 46d0d71aac244d86445ac f 32dd11ea958beae81d83d7 d73e7b8b1bd1e13acde8f0a9ae7f8b9c94b7bfa296a5d2a3c9fd8acbafc432f0e8eb529229a0c43d22bb11577e18ce3e00a20a358622859fc 4101e6d1a5203e17d2d0f0f7878efe6b39273de9c81ad347f9ecf2d8570d026fec24984dac44f845b55957804e6f35507c7b4b7151cb6c85e 57763aebb6674ce4708f3e6d3cb1b3741fa23ee026821d5b29dfc1db1012d323d761abcfc24134791eff54cf01e1498d111eca58282e0b9ae c877f5df7dd266652b5a13740f734e2f8cb02903bcbcbeff25543ba302e474e7ff9b5ff7944b8fc597745d2dce594562bbc1a8ae96b35dc45 aObdbf41af393eaaee123d4f5fe542eb29e0fa875a512977f5eb31e10addd31b977afd4241" }

#### Figure 6. Encrypted condition

주소	He	ĸ															ASCII
000000C0001BE960	44	69	73	63	6F	72	64	2E	65	78	65	00	00	00	00	00	Discord.exe
000000C0001BE970	64	69	73	63	6F	72	64	2E	65	78	65	00	00	00	00	00	discord.exe
000000C0001BE980	4E	65	78	6F	6E	50	6C	75	67	2E	65	78	65	00	00	00	NexonPlug.exe
000000C0001BE990	6E	65	78	6F	6E	70	6C	75	67	2E	65	78	65	00	00	00	nexonplug.exe
000000C0001BE9A0	4F	50	2E	47	47	2E	65	78	65	00	00	00	00	00	00	00	OP.GG.exe
000000C0001BE9B0	6F	70	2E	67	67	2E	65	78	65	00	00	00	00	00	00	00	op.gg.exe
000000C0001BE9C0	71	71	2E	65	78	65	00	00	6C	69	6E	65	2E	65	78	65	qq.exeline.exe
000000C0001BE9D0	51	51	47	75	69	6C	64	2E	65	78	65	00	00	00	00	00	QQGuild.exe
000000C0001BE9E0	71	71	67	75	69	6C	64	2E	65	78	65	00	00	00	00	00	qqguild.exe
000000C0001BE9F0	51	51	50	72	6F	74	65	63	74	2E	65	78	65	00	00	00	QQProtect.exe
000000C0001BEA00	71	71	70	72	6F	74	65	63	74	2E	65	78	65	00	00	00	qqprotect.exe
000000C0001BEA10	54	72	61	66	66	69	63	50	72	6F	2E	65	78	65	00	00	TrafficPro.exe Liguro 7
000000C0001BEA20	74	72	61	66	66	69	63	70	72	6F	2E	65	78	65	00	00	trafficpro.exe Figure 7.
000000C0001BEA30	57	65	43	68	61	74	41	70	70	45	78	2E	65	78	65	00	WeChatAppEx.exe.
000000C0001BEA40	77	65	63	68	61	74	61	70	70	65	78	2E	65	78	65	00	wechatappex.exe.
000000C0001BEA50	57	65	43	68	61	74	50	6C	61	79	65	72	2E	65	78	65	WeChatPlayer.exe
000000C0001BEA60	77	65	63	68	61	74	70	6C	61	79	65	72	2E	65	78	65	wechatplayer.exe
000000C0001BEA70	61	6E	79	64	65	73	6B	2E	65	78	65	00	00	00	00	00	anydesk.exe
000000C0001BEA80	6B	61	68	61	6F	74	61	6C	6B	2E	65	78	65	00	00	00	kakaotalk.exe
000000C0001BEA90	6C	64	70	GC	61	79	65	72	2E	65	78	65	00	00	00	00	ldplayer.exe
000000C0001BEAA0	6C	6F	67	69	62	6F	6C	74	2E	65	78	65	00	00	00	00	logibolt.exe
000000C0001BEAB0	6F	62	73	36	34	2E	65	78	65	00	00	00	00	00	00	00	obs64.exe
000000C0001BEAC0	73	68	79	70	65	2E	65	78	65	00	00	00	00	00	00	00	skype.exe
000000C0001BEAD0	74	65	GC	65	67	72	61	GD	2E	65	78	65	00	00	00	00	telegram.exe
000000C0001BEAE0	77	65	63	68	61	74	2E	65	78	65	00	00	00	00	00	00	wechat.exe
000000C0001BEAF0	77	68	61	6C	65	2E	65	78	65	00	00	00	00	00	00	00	whale.exe

Decrypted conditional string

#### **Process Name**

Discord.exe, discord.exe, NexonPlug.exe, nexonplug.exe, OP.GG.exe, op.gg.exe, qq.exe, line.exe, QQGuild.exe, qqguild.exe, QQProtect.exe, qqprotect.exe, TrafficPro.exe, trafficpro.exe, WeChatAppEx.exe, wechatappex.exe, WeChatPlayer.exe, wechatplayer.exe, anydesk.exe, kakaotalk.exe, ldplayer.exe, logibolt.exe, obs64.exe, skype.exe, telegram.exe, wechat.exe, whale.exe

#### Table 1. List of processes used as conditions

These strings are the names of programs that are likely to be installed in ordinary user PCs. Because VPN services are mainly used by users to have unrestricted Internet access in China, many Chinese messenger names are also included. When conditions match, the malware downloads an encrypted Sliver C2 from an external source and decrypts it. Then it launches Notepad, a normal program, and injects Sliver C2 into this process.

X

#### Sliver C2 Download URL: hxxps://config.v6[.]army/sans.woff2

- □ 💥 31254396\_xdopqbaQ\_ 🕨 📲 🐙 /PN1,0,7,exe (388)
  - ☐ m cmd,exe (1984) Conhost,exe (3420) ☐ m installer,exe (5680)
  - msiexec,exe (4800) □ □ notepad,exe (1000)

Figure 8. Process tree

Sliver C2 is an open-source penetration testing tool published on GitHub. Penetration testing tools are used for the purpose of checking the security vulnerabilities within the network and systems of companies and institutes. They can potentially be used for malicious purposes if placed in the hands of threat actors as they generally provide various features for each penetration testing stage. Major commercial penetration testing tools include Cobalt Strike and the open-source Metasploit. Recently, there have been multiple identified cases where Sliver C2 was used.

Instead of SparkRAT which was previously used, the threat actor employed Sliver C2 in attacks. probably because Sliver C2 supports more features than SparkRAT, a simple backdoor. Sliver C2 supports most features supported by the ordinary backdoor and RAT malware types such as process and file-related tasks, executing commands, uploading/downloading files, and capturing screenshots. It also provides various features needed for gaining control over internal networks such as privilege escalation, process memory dump, and lateral movement.

- Sliver C2 Name: PRETTY\_BLADDER
- Sliver C2 C&C URL: hxxps://panda.sect[.]kr

	000000 000000 000000 000000 000000 00000	000106 000106 000106 000106 000106 000106 000106 000106	32A1 32A9 32AE 32B9 32BE 32C3 32C8 32CF 32CF	48: C64 48: E8 48: 48: 48: 48: 48: 75	899424 00 424 27 03 705 3758 420A0000 894424 78 888C24 20 8851 40 85D2 06	00 mov 3 mov 36 mov <b>cal</b> 3 mov 00 mov mov tes jne	qword byte p qword <sliv qword rcx,qw rdx,qw t rdx,rw sliver</sliv 	ptr ss: tr ss: ptr ds: er.main ptr ss: ord ptr ord ptr dx .10632D	[rs rsp [16 .re [rs ss ds	p+100],rdx +27],3 E8DF0],0 gisterSliver p+78],rax :[rsp+120] :[rcx+40]	> rc	ix:&"h ix:&"h	ttps:// ttps://	/panda.s	sect.kr", sect.kr"
•	000000	000106	32D4	31D	2	xor	edx,ed	x							
444	<														
sliver.000		LOG32DA	sliver	exe:	A032D2 #	A028D	2			1	(1)				
🚚 덤프 1	. 덤	<u>= 2</u>	. 덤크	Ξ3 4	🛄 덤프 4	0-0	덤프 5	💿 주시	11	[ <i>x</i> =] 로컬	2 -	구조체			
주소		Нех								ASCII		1			
000000C000 000000C000 000000C000	0076290 00762A0 00762B0	50 52 74 61 61 72	45 54 72 69 63 68	54 59 6E 73 69 76	5F 42 4C 65 63 75 65 2F 67	41 4 72 6 00 0	4 44 45 5 70 61 0 00 00	52 00 74 68 00 00	00 00 00	PRETTY_BLADD tarinsecurep archive/g	ER				
Figure 9.	Slive	r C2 s	settin	gs da	ta										

### 3. Analysis of Additional Malware

While the malware strain used in the attacks was changed from SparkRAT to Sliver C2, the threat actor ultimately used the same MeshAgent in the end. Using Sliver C2 injected into notepad, the threat actor installed MeshAgent under the

"%PROGRAMFILES%\Microsofts\Microsofts\preMicrosoft.exe" path.

Target Type	File Name	File	e <b>Si</b> ze	File Path 🚯	
Current	premicros	soft.exe 3.3	3 MB	%ProgramFiles%\microsofts\microso	fts\premicrosoft.exe
Parent	cmd.exe	283	3 KB	%SystemRoot%\system32\cmd.exe	
DropperOfCurrent	notepad.e	exe 196	6.5 KB	%SystemRoot%\system32\notepad.e	xe
Process	Module	Target		Behavior	Data
premicrosoft.exe	N/A	N/A		Registered DLL/driver as service	$system \verb controlset001\verb services\verb microsofts  $
notepad.exe	N/A	N/A		Creates executable file	premicrosoft.exe
cmd.exe	N/A	eremicros	oft.exe	Creates process	N/A
services.exe	N/A	N/A		Registered DLL/driver as service	$system \verb controlset001\verb services\verb microsofts  $

### Figure 10. MeshAgent installation log

Provided by MeshCentral, MeshAgent allows various system control commands such as command execution and file download, as well as remote desktop features such as VNC and RDP. Ordinary users may use these services to remotely manage the system, but the features can also be used for malicious purposes. The threat actor in this case probably used MeshAgent for remotely controlling the infected system.

### MeshAgent C&C URL: speed.ableoil[.]net:443

Microsoft.msh - W	indows 0	메 <mark>모장</mark>	1						×		
파일(F) 편집(E) 서	님(O) 보	71(1)	도움말								
MeshName=n1 MeshType=2 MeshID=0x8AA3 E14BD0A95BE2D ServerID=BEC956 F5B22319425FB4 MeshServer=wss InstallFlags=2 ignoreProxyFile= displayName=Mic companyName= meshServiceNam fileName=Micros	332460 EA4BA 642E30 FE4C5A //spee 1 crosoft osoft vicroso e=Mic oft of the a	0A040 A9384 0BE66 A683 ed.ab t Upda ofts trosof	04D8600 4994844 8AB6B3 1A5CE5 leoil.net	C3E46D 4057E7 ED2F40 524C56 ::443/a	0955258 9C6D33 0F4E784 59F6F42 gent.as	3DAA3 5B469 CBA34 190B2	328F 9A38 49DE 24	1C24C CD 3EB7E	077 116	^	Figure 11.

The threat actor installed Sliver C2 and MeshAgent to seize control over the infected system. Afterward, the attacker was able to perform various malicious behaviors such as exfiltrating user information saved in the PC or installing additional malware strains. According to the AhnLab Smart Defense (ASD) logs, the threat actor used MeshAgent to install an additional malware strain titled "m.exe". The file "m.exe" is a malware type that captures webcam feeds and is also available publicly on GitHub. Like other malware strains, it is developed in Go lang. Using this malware type, the threat actor can capture images of the user in systems with webcam access.

Windows-API-Capture-Webcam (Public)										
ဖို main 🚽 ဖို 1 branch 📀 0 tags		Go to file Add file -	<> Code -							
SaturnsVoid Update README.md		afb2ae5 on Aug 31, 2021	3 commits							
🗅 README.md	Update README.md		2 years ago							
🗅 main.go	Create main.go		2 years ago							
i⊟ README.md										
Windows-API-Ca	pture-Webcam									
Use Windows API to capture a image from a Webcam in GoLANG										
Other										
Go is a amazing and powerful prog	ramming language. If you already ha	ven't, check it out; https://go	olang.org/							

Figure 12. Open-source webcam capturing malware used by the threat actor **4. Installers Used in Attacks** 

Currently, most VPN and marketing program provider websites hold only normal setup files, but there are companies who have not yet fully taken appropriate measures. In the case of a particular VPN company, a normal setup file is downloaded from the download link on the official website, but the website still contains a malicious installer that can be downloaded.

- <u>31254396 U8JCSPqf</u>
   <u>VPN1.1.0.exe</u>
- <u>31254396 YVwThDQM</u> VPN1.0.8.exe
- 31254396 hzcZVMfW \_\_\_\_\_VPN1.1.1.exe
- <u>31254396 tR62V4Nn</u> **Hor •** <u>VPN1.0.8.exe</u>
- <u>31254396 tv2wflgz</u> ■ = <u>VPN1.0.8.zip</u>
- <u>31254396 xdopqbaQ</u> = <u>VPN1.0.7.exe</u>
- <u>31254396 zUVwpB05</u> vpN1.0.7.zip
- <u>32254396 xdopqbaQ</u> \_\_\_\_\_VPN1.0.7.exe
- <u>3555450761 DbLgvEqF</u> ■ <u>VPN1.0.9.exe</u>
- <u>3555450761\_gpmErFPv</u>
   <u>-VPN1.0.9.zip</u>

website of a certain VPN company

There are also malicious installers being distributed from the following software download site, which was found to be another website of the same program development company. The files are supposed to be font files, but they are actually malicious installers.



Figure 14. Website still containing downloadable malware strains

The above malware types are all signed with invalid certificates, stolen by the threat actor to disguise the files as installers. However, there are also multiple malware strains signed with a valid certificate from the appropriate program developer. Malware strains with valid signatures vary from malicious setup files disguised as those for various services, VPN execution files, and MeshAgent.

Figure 13. Malware uploaded on the

To summarize, while the specific circumstances are yet to be revealed, the threat actor is able to sign malware strains with valid certificates from the corresponding program development company. There are multiple identified malicious setup files disguised as being for various services provided by the said company.



#### signed with a valid signature

#### 5. Conclusion

Currently, a malware strain is being distributed through a certain program development company and there are many identified samples that have been signed with a valid certificate from this company. Accordingly, the malware may be distributed from other services provided by this developer. It has been confirmed that malware files are uploaded to the VPN company's download page and the software download website.

The threat actor installed SparkRAT, Sliver C2, and MeshAgent which support features that allow the operator to control infected systems. Accordingly, the threat actor was able to perform various malicious behaviors such as stealing user information saved in the PC and installing additional malware strains.

When users download malicious installers from the website and proceed with the installation, the setup file not only installs malware but also the normal setup file as well, making it difficult to recognize the system has been infected with malware. Users must practice caution and update V3 to the latest version to prevent malware infection in advance.

#### **File Detection**

- Trojan/Win.MeshAgent.C5457071 (2023.07.18.03)
- Trojan/Win.MeshAgent.C5459839 (2023.07.24.03)

- Downloader/Win.Agent.C5459845 (2023.07.24.03)
- Downloader/Win.Agent.C5459851 (2023.07.24.03)
- Data/BIN.EncPe (2023.07.25.00)

# **Behavior Detection**

- Persistence/MDP.RunKey.M1038

# IOC

## MD5

 – e84750393483bbb32a46ca5a6a9d253c: Malicious installer – eefbc5ec539282ad47af52c81979edb3: Malicious installer (31254396 hzczvmfw ....vpn1.1.1.exe) - 10298c1ddae73915eb904312d2c6007d: Malicious installer (31254396 LO38iuSd ....Setup1.2.1.exe) - b4481eef767661e9c9524d94d808dcb6: Malicious installer (31254396 a7z34P10 ....Install2.1.7.exe) - 70257b502f6db70e0c75f03e750dca64: Malicious installer (167775112 v17MGr85 167775039 EvimzM59 ....VPNSetup1.0.4.4.exe) - 1906bf1a2c96e49bd8eba29cf430435f: Malicious installer (167774990 A5TinsS6 ....VPNInstaller1.0.4 230710.exe) - 499f0d42d5e7e121d9a751b3aac2e3f8: Malicious installer (31254396 ORZNvfG9\_....Fax1.0.0.exe) - b66f351c35212c7a265272d27aa09656: Malicious VPN program - ea20d797c0046441c8f8e76be665e882 : Malicious VPN program - 73f83322fce3ef38b816bef8fa28d37b: Encrypted Sliver C2 (sans.font2) - 5eb6821057c28fd53b277bc7c6a17465: MeshAgent (preMicrosoft.exe) - 95dac8965620e69e51a1dbdf7ebbf53a: MeshAgent (Microsoft.exe)

- 23f72ee555afcd235c0c8639f282f3c6: MeshAgent (registrys.exe)
- 27a24461bd082ec60596abbad23e59f2: Webcam capturing malware (m.exe)

# Download URLs

- hxxps://status.devq[.]workers.dev : Configuration data
- hxxps://config.v6[.]army/sans.woff2: Encrypted Sliver C2

# C&C URLs

- panda.sect[.]kr:443 : Sliver C2
- speed.ableoil[.]net:443 : MeshAgent

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