Malware sellers want to attract customers with convenience features. Now criminals can remote control malware during their bathroom routine by just using a smartphone and Telegram app.

Advertisments on Russian forums

The researcher <u>@3xp0rtblog</u> discovered T-RAT 2.0 and <u>posted about it on Twitter</u>, including a sample hash and selling threads on Russian forums. One extravagant advertisment is shown below.

The images below show a section each of a 1000x5429 advertisment banner posted on lolz.guru (found and reported by 3xp0rtblog). The Russian text praises comfort and convenience while using T-RAT because it can be controlled via smartphone with Telegram app.



Translation: "An updated, full-fledged RAT - in your pocket. Get access and use now all functionality. Control from any device, everything you need for it to work are the Internet and T-RAT"



Translation: "Advantages - why you should consider buying: comfort and convenience, simple control, huge functionality at a nice cost, anonymity and reliability, updates and improvements, cleaning from detectors"

Infection chain and persistence

The first known stage of infection is the downloader^[4]. It obtains an encrypted file^[6] from **hxxps://hgfhhdsf.000webhostapp.com/1DJjnw(dot)jpg** and saves it to **%TEMP%/gfdggfd.jpg**.

For decrypting the payload, the downloader applies XOR with the key 0x01. The resulting file is a ZIP archive which it saves to **%TEMP%/hrtghgesd.zip**. The downloader proceeds to delete **%TEMP%/gfdggfd.jpg** and extracts the ZIP archive. Sidenote: Both hardcoded names consist of characters whose keys are right besides each other on a QWERTY keyboard, so the threat actor likely just rolled a body part on the keyboard to create them.

The location of the extracted malware is determined as follows:

1) The downloader checks if the current user has administrator rights. If they have, the first part of the path is one of the following (chosen randomly)

- %APPDATA%\Microsoft\Windows\
- %USERPROFILE%\Windows\System32\
- %LOCALAPPDATA%\Microsoft\Windows\

If they don't have administrator rights, the first part of the path is one of the following

- %SYSTEM%\Microsoft\Protect\
- %COMMONAPPDATA%\Microsoft\Windows\
- %USERPROFILE%\AppData\LocalLow\Microsoft\Windows\
- C:\Windows\assembly\GAC\

2) For the second part of the malware path the downloader generates a random number between 347 and 568203, converts that to a string, then generates the hash either using MD5, SHA1 or SHA256. It uses the hash's hexadecimal representation as second part of the malware path.

The archive contains the actual **T-RAT executable**, named **sihost.exe**, as well as several DLLs that the RAT needs. Some notable libraries are the **Telegram.Bot.dll** and **socks5.dll**.

A subfolder named **service** contains six more files (hashes are in the IoC listing):

Filename	Description
conv.exe	High Performance MPEG 1.0/2.0/2.5 Audio Player
in.exe	RDP Wrapper

Filename	Description	
ultravnc.ini	UltraVNC configuration file	
vnchooks.dll	UltraVNC - VNCHooks DLL	
winserv1.exe	VNC Server 32 bit	
winserv2.exe	VNC Server 64 bit	

The downloader persists **sihost.exe** by scheduling a daily task. The name for the task is the processor ID of the system. If the current user has admin rights, it will set the run level to **HIGHEST**. Afterwards the downloader deletes itself with the help of a Batch file.

service	14.10.2020 12:37	Dateiordner	
Newtonsoft.Json.dll	24.03.2018 17:44	Anwendungserwe	647 KB
📧 sihost.exe	28.08.2020 12:05	Anwendung	798 KB
🖓 sihost.exe.config	01.03.2020 15:02	XML Configuratio	3 KB
📄 sihost.pdb	09.03.2020 12:53	Program Debug D	534 KB
🚳 socks5.dll	26.02.2020 15:00	Anwendungserwe	26 KB
System.Net.Http.Extensions.dll	24.08.2017 18:10	Anwendungserwe	22 KB
🚳 System.Net.Http.Formatting.dll	24.08.2017 18:10	Anwendungserwe	182 KB
🚳 System.Net.Http.Primitives.dll	24.08.2017 18:10	Anwendungserwe	22 KB
🚳 Telegram.Bot.dll	31.01.2020 17:46	Anwendungserwe	184 KB

Content of ZIP archive [3]

27.10.2019 02:30	Anwendung	442 KB
27.12.2017 16:20	Anwendung	1.426 KB
28.08.2020 11:14	Konfigurationsein	2 KB
06.02.2020 17:17	Anwendungserwe	53 KB
06.02.2020 17:27	Anwendung	1.541 KB
06.02.2020 17:16	Anwendung	1.554 KB
	27.12.2017 16:20 28.08.2020 11:14 06.02.2020 17:17 06.02.2020 17:27	27.12.2017 16:20 Anwendung 28.08.2020 11:14 Konfigurationsein 06.02.2020 17:17 Anwendungserwe 06.02.2020 17:27 Anwendung

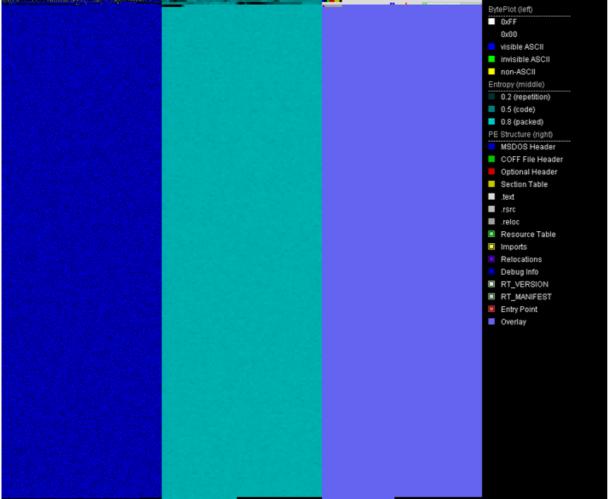
Content of service folder in ZIP archive [3]

Packer and obfuscator

The original T-RAT sample^[1] as well as the downloader^[4] are .NET assemblies and packed the same way. The packed part is embedded as base64 string in the overlay of the file. Beginning and end of the strings are marked by the sequence "ghjghjbnv". The packer stub searches the sequence to find the packed image, decodes the base64 string and dynamically loads the resulting .NET assembly.

22 23 24 25 26 27 28 29 2A 2B Decoded text

00	00	00	00	00	00	00	00	00	00	
00	00	00	00	00	00	00	00	00	00	
00	00	00	00	00	00	00	00	00	00	
00	00	00	00	00	00	00	00	00	00	
00	00	00	00	00	00	00	00	00	00	
00	00	00	00	00	00	00	00	00	00	
00	00	00	00	00	00	00	00	00	00	
00	00	67	68	6A	67	68	6A	62	6E	ghjghjbn
56	45	45	55	35	73	62	7A	70	66	vxizlcnr5ghjghjbnvCMlg7vuINbx0goGMVEEU5sbzpf
42	52	53	53	67	36	4A	2F	4D	5A	dRzu/V0TY2YSnRvCbLb+cZWAT5sTC506umBRSSg6J/MZ
65	76	57	47	48	33	49	75	55	35	udayChCPV+jDZ0GFTqLsIGMJQcKaSXNcDFevWGH3IuU5
57	42	35	6C	46	4C	59	63	61	6C	MbNOwq9sM2JzaipTu6Gy9C0kbSNyvMIhOcWB51FLYcal
47	44	33	57	54	77	4F	4F	34	6B	PDJU3tTD6CGP/7bkUqj/ph4UBRaFv9zey8GD3WTw004k
39	33	59	7A	57	34	4A	51	69	47	Mvwpmej5DhW4Uu4xHxpcXHx1MjhEZTLrqd93YzW4JQiG
65	74	74	4D	70	33	7A	33	2F	76	zL9wOU+b4fthqxw89SF+2Zg1ReZ0+KkA41ettMp3z3/v
56	69	33	53	57	6F	74	50	79	56	+gxjOt/qdS3dcq9AB44VMmJ8I3W7WSHo7UVi3SWotPyV
74	51	78	66	37	6D	6D	61	4B	47	nj6Y1yLTUrzjruadwmNHloqzwn4CHJ6N4ptQxf7mmaKG
56	69	6F	73	47	48	59	79	2B	46	tJi58EvUYzpZAqf2agcD/nMqUi9qplHhzOViosGHYy+F
6F	47	4A	4F	36	58	71	41	76	39	x5ehMDFwQTXgSFb4gYw3zDzDukhtL10R4MoGJO6XqAv9
6D	56	57	37	6D	77	30	37	34	75	D3zb7fXJjtUxfgPKW1IUozc/J8RFEsrxpFmVW7mw074u
61	66	4B	4F	74	33	7A	79	57	2F	yzM7T/RE0pGgm2E91sxT+PHKlqj4sAoewJafKOt3zyW/
2F	2B	67	51	4A	38	65	63	7A	4C	fPy/++pt4jlFobE5bIXjb3n+bs0PUXxVFM/+gQJ8eczL
64	4C	2B	70	49	4C	70	69	31	4D	N17T2JVCs04S5YLfBQY42R52XVyQFtNjMgdL+pILpi1M
39	41	56	4E	47	79	55	63	43	65	wDcdjkXhvA2cPKyQR+0Fnhg0WhE65rxf1K9AVNGyUcCe
33	63	6D	55	46	45	4F	73	34	62	w/bkXcDmWdJI3bHZ7bSpbDAmXoSRPZ584V3cmUFEOs4b
33	54	6D	58	49	6C	6F	6E	78	56	pj+XE7Q2SL3xmyrNp+/V9FPOuFKvLBCKOp3TmXIlonxV
52	79	78	79	36	5A	34	31	66	4C	CXagyCmlv+7H4SgiKdnc3PeWOPz06ianq0Ryxy6Z41fL
35	2F	68	51	38	34	59	57	39	61	fGoiDUmLZ7r8dorazDahAx+m7pkTuDgdwc5/hQ84YW9a
67	72	78	2F	65	78	34	4B	70	4B	6zE5pXJ+aQcOgzdIYo6hohI4a/f/t3sJb+grx/ex4KpK
		2F								R6MK0wXbSE0TgLzRf7ICxY7eNnLytF8pyXKD/aDu0ksy
		42								Pg4iHqdDZxB61CPUAhALq9kLSh1+Nt6jCr5BBhryudT0
The	ba	se64	1 str	ing	wit	h m	arke	er se	eque	nce in a hex editor



PortexAnalyzer visualization makes the base64 string visible as blue area in the byteplot.

The unpacked .NET assemblies^{[2][4]} are obfuscated with a variant of ConfuserEx. Some Russian strings are visible but most of the referenced strings are base64 encoded.

After deobfuscating the assembly with NoFuserEx, the base64 encoded strings remain. I wrote a small Python script to do the rest (see Appendix A). It replaces the IL code for calls to **FromBase64String** with NOPs and replaces the base64 strings with their decoded counterparts. Since the decoded strings are shorter, the remainder is filled with **U+200B** which is the **zero width space** Unicode character. (Sidenote: this is a rather lazy solution which does not create a perfectly working executable but is good enough for continuing static analysis.)

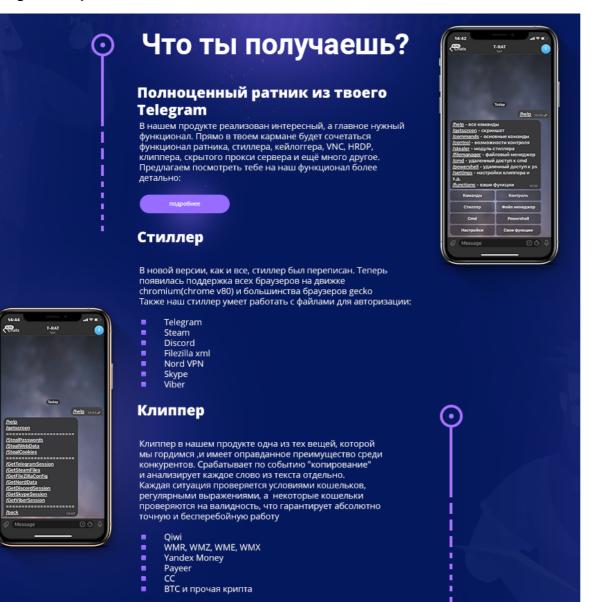
The most time-intensive part of deobfuscation for this assembly cannot be automated. The symbol names for methods and classes were eradicated by the obfuscator. So while analysing the code of T-RAT, I added my own names along the way. The code base is comparably on the large side with 98 different commands to control the T-RAT client.

▶ •		@020000CD
Þ 🖬		@020000CF
▶ =		@020000D0
		@020000D1
		@020000D2
▶ 📲		@020000D3
▶ 🖬		@020000D4
▶		@020000D6
		@020000D7
▶ 📲		@020000D8
Þ 🖬		@020000DA
Þ 🖬		@020000DB
▶ = _		@020000DC
		@020000DD
▶		@020000DE
▶ =		@020000DF
▶		@020000E0
Þ 🖬		@020000E1
▶ 📲		@020000E2
Þ 🖬		@020000E5
▶ = _		@020000E6
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D 🔤		@020000E8
Þ =		@020000E9
Þ 🖬		@020000EB
		@020000EC
▶ 🖬		@020000ED
Þ 🖬		@020000EE
Þ 🖬		@020000F0
▶ 📲		@020000F1
Þ -		@020000F2
		@020000F3
۵.		@020000F4
▶ = ,		@020000F5
D 🖬		@020000F6
		@020000F7
Þ 🖬		@020000F8
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D 🖬		@020000FB
		@020000FC
Þ 🖬		@020000FD
Þ 🖬		@020000FE
Þ 🖬		@020000FF
۵.		@02000101
Þ 🖬		@02000104
۵.		@02000106
		@02000108
Þ 🖬		@0200010A
δ.	Class 262	@0200010C

4 🔩 AntiVM @02000063
🕨 🛑 Basistyp und Schnittstellen
👂 🛑 Abgeleitete Typen
© .ctor() : void @06000258
GetCheckVMBot() : bool @0600025C
ଦ୍ଧ GetDetectVirtualMachine() : bool @06000259
ଦ୍ଧି SBieDLL() : bool @0600025B
🔺 🖌 isRdpAvailable : bool @17000081
ଦ୍ଧ isTerminalServerSession() : bool @0600025A
AntiWDefender @02000062
DisableLockers @02000049
4 {} CnC
🕨 🔩 CommandAndControl @02000071
4 {} Commands
BlockUtils @02000168
CleanupUACBypasser @02000052
V 🙀 SysInfoUtils @02000152
4 {} Config
Config @0200005F
🕨 🤏 RATConfigWriter @0200006F
Cryptography
CryptoHelper @02000059
My_EncryptFileStuff @02000033 HRDP
▲ ⁴ HrdpPrep @02000056
 Graphic Construction Endpring @02000000 Basistyp und Schnittstellen
 Abgeleitete Typen
© .ctor() : void @06000225
 ♀ Iccory : Void @00000225 ♀ allowHRDP() : void @06000227
 Information () - Void (@00000226) runServiceInExe() : void (@06000226)
• ** HRDPPrep2 @02000057
▲ {} Main
MainClass @0200015C
♦ { } Misc
4 { } MyHelperContainers
👂 🔩 CommandInfoContainer @0200014E
👂 🔩 StringsAndActionsClass @0200014D
4 { } MyThreadingStuff
🕨 🔩 MyThreadStuff @0200004D
A {} Native
4 🐐 NativeCalls @02000159
Basistyp und Schnittstellen
Abgeleitete Typen
Blockinput(bool) : bool @06000577
Image: CallNextHookEx(IntPtr, int, IntPtr, IntPtr) : IntPtr @06000596
capCreateCaptureWindowA(string, int, int, int, int, int, int, int): IntPtr @0
ChangeClipboardChain(IntPtr, IntPtr) : bool @06000588 ClassClipboard0 : bool @06000585
CloseClipboard() : bool @06000585 DeleteFileW(stars) : bool @06000575
DeleteFileW(string): bool @06000575

Functionality overview

The attacker controls T-RAT via Telegram using text based commands and command buttons provided by the RAT. The commands are in English, the help messages mostly Russian. One section of the advertisment banner demonstrates the controls and how they look like on the phone (see picture below).



Translation for first passage: "What do you get? A full-fledged RAT for Telegram. Our product implements interesting and most importantly necessary functionality. The functionality of a RAT, stealer, keylogger VNC, HRDP, clipper, hidden proxy server will be combined right in your pocket and so much more. We invite you to look at our functionality in more detail." The next passages explain stealer and clipper.

T-RAT has 98 commands. Instead of describing every single command within the main article, I categorized them into groups which are explained below. The full command listing is in Appendix B.

1. Menu navigation

These are commands to enter or exit certain modules like the file manager. They help to make controls via smartphone more convenient.

2. File manager

T-RAT can navigate on the file system, show information about the drives and available space, folder contents and modify files and folders. It can also send files to the attacker. Interestingly it mixes in Unix command names. E.g., the file listing is done with **ls**.

3. Stealer

This module allows to obtain passwords, cookies, autofill data from browsers, session or config data of Telegram, Discord, Steam, Nord, Viber, Skype and Filezilla. Most of the data files are either saved besides the T-RAT executable in text files or to a ZIP archive in **%TEMP%/winsys/** before being sent to Telegram.

4. Clipper

The clipper checks the clipboard for coin addresses and replaces them, thus, any digital currency is sent to the attacker's wallet. It supports Qiwi, WMR, WMZ, WME, WMX, Yandex money, Payeer, CC, BTC, BTCG, Ripple, Doge and Tron. The attackers uses the clipper commands to save their addresses for the specified crypto currency and to start or stop execution of the clipper.

5. Monitoring and spying

Enables the attacker to run a keylogger, create screenshots, record audio via the microphone, take pictures via webcam, send clipboard contents.

6. Evasion

T-RAT has various methods to bypass UAC, including Fodhelper, Cmstp, Cleanup, Computerdefaults. It can disable Windows Defender and Smart Screen notifications. It can disable various security settings, e.g., Association policies can be changed to set ".exe" as a low-risk file extension, and Zoneldentifiers can be turned off. It has a check for sandboxes and virtual machines.

7. Disruption

These commands kill processes, block websites via the hosts file, block and redirect programs by setting a debugger via Image File Execution Options (for blocking the debugger is one that doesn't exist), disable the taskbar and the task manager.

8. Remote control

T-RAT provides a **Powershell** or **CMD** terminal via Telegram. Remote control can also be done via **HRDP** or **VNC**.

T-RAT runs the HRDP client named **service\in.exe** which resides in the executable's location. Then it will create a new user account with a randomized password and name and send the credentials to the attacker. It adds the newly created user to the **Remote Desktop Users** group and enables remote access by setting **fDenyTSConnections** to "0".

The VNC server is **service\winserv1.exe** on 32 bit systems and **service\winserv2.exe** on 64 bit systems.

Indicators of Compromise

Sample hashes

Sample	Filename	SHA256
[1] T-RAT, packed	Update Service.exe sihost.exe	dfa35a3bed8aa7e30e2f3ad0927fa69adecb5b6f4c8a8535b05c28eacbd0dad8
[2] T-RAT, unpacked from [1]	NA	0388c08ae8bf8204ed609a4730a93a70612d99e66f1d700c2edfb95197ab7cc9
[3] ZIP archive containing [1][7- 11]	%TEMP%/hrtghgesd .zip	9fe677aa81790414db3187bba2e159c5aafda6dc0411fbd5d4786b7e596143f3
[4] T-RAT downloader	Update Service.exe	b6093289ff0470053bd7dde771fa3a6cd21dae99fc444bfebcd33eb153813263
[5] T-RAT downloader, unpacked from [4]	NA	e7604cc2288b27e29f1c0b2aeade1af486daee7b5c17b0478ce336dcdbeee2f1
[6] Raw download	1DJjnw.jpg %TEMP%/gfdggfd.jpg	27dcb69c1d010da7d1f359523b398e14e0af0dd5bad1a240734a31ffce8b9262

Sample	Filename	SHA256
[7] Audio Player	conv.exe	96ba1d40eb85f60a20224e199c18126b160fe165e727b7dee268890dc5148c68
[8] RDP Wrap	in.exe	ac92d4c6397eb4451095949ac485ef4ec38501d7bb6f475419529ae67e297753
[9] VNC Server	winserv1.exe	c1316ac68d5f3f5ec080d09ffc7c52670a7c42672f0233b9ef50e4b739bd0586
[10] VNC Server	winserv2.exe	912913d897dd2f969fbcbdb54dde82e54f287ade97725380232dce664417c46c
[11] Ultra VNC Hooks DLL	vnchooks.dll	c8164ccc0cf04df0f111d56d7fb717e6110f8dee77cfc3ef37507f18485af04d

IoCs for downloader^[4]

Download URL	hxxps://hgfhhdsf.000webhostapp.com/1DJjnw.jpg
Download location	%TEMP%/gfdggfd.jpg
Decrypted download	%TEMP%/hrtghgesd.zip
Mutex	dwm
Scheduled task	for sihost.exe ^[1] , task name is the processor ID of infected system

IoCs for T-RAT^[1]

File name	sihost.exe
Mutex	srvhost
Creates processes	winserv1.exe, winserv2.exe, in.exe
IFEO Debugger	fghdshdzfhgsdfh.exe
User account on system	usr[1000-10000], e.g., usr3432
Data folder	%TEMP%/winsys/

Appendix A: Deobfuscation script





try:	
return base64	.b64encode(base64.b64decode(s)) == s
<pre>except Exception:</pre>	
return False	

_

<pre>def searchAndReplace(search, replace, binfile):</pre>
content = ""
<pre>with open(binfile,"rb") as bif:</pre>
<pre>content = bif.read()</pre>
<pre>new_content = content.replace(search, replace)</pre>
<pre>if new_content == content:</pre>
<pre>print "Search string not found."</pre>
return
<pre>with open(binfile,"wb+") as wif:</pre>
<pre>wif.write(new_content)</pre>
<pre>ifname == "main":</pre>





Appendix B: T-RAT Commands

These are all T-RAT 2.0 commands and a description for some of them.

Command	Description
/help	Print available commands (shows different commands depending on the state of the menu)
/getscreen	Takes a screenshot and sends as photo to Telegram
/webcam	Takes a picture using the webcam and sends as photo to Telegram
/record	Records audio using the microphone. Saves it to record.wav in the executable's folder.
/sysinfo	Shows: username, IP, MAC, computername, processor model, number of cores, processor size, graphics card model, RAM, operating system, architecture, system directory, antivirus, firewall, drive info and available space
/isadmin	Checks if executable has admin rights
/activewindow	
/openwindows	

Command	Description
/programs	Shows list of installed programs by obtaining all DisplayName values for all subkeys of SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall
/processlist	
/killprocess [process]	
/run [path]	Creates a hidden folder in %TEMP% named winsys . Puts a VBScript file named <random_digits>.vbs in this folder. The VBScript uses ShellExecute to run the file given in [path] parameter. It uses a template called "Run2" in the resources for the VBScript and replaces "lmao" with [path]</random_digits>
/clipboard	Posts clipboard content to Telegram
/location	
/path	
/blocksite [example google.com]	Blocks a site via hosts file redirection to localhost
/redirectprogram [first] [second]	Sets the second parameter as debugger for the first via Image File Execution Options (IFEO)

Command	Description
/blockprogram [name] [block unblock]	block: Sets a non-existant debugger ("fghdshdzfhgsdfh.exe") for the program via Image File Execution Options (IFEO) unblock: Removes the IFEO debugger from registry
/CmstpUACBypass	UAC bypass via cmstp.exe
/CleanupUACBypass	UAC bypass via SilentCleanup
/FodHelperUACBypass	UAC bypass via fodhelper.exe
/ComputerDefUACBypass	UAC bypass via computerdefaults.exe
/OffCertChecking	In Attachment Policies sets: HideZoneInfoOnProperties to "1" and SaveZoneInformation to "2" (= Off)
	In Associations Policies sets: DefaultFileTypeRisk to "6152" (= Low) and LowRiskFileTypes to ".exe" (yes, only ".exe")
/DisableWindowsDefender	Disables TamperProtection; enables DisableAntiSpyware, DisableBehaviorMonitoring, DisableOnAccessProtection and DisableScanOnRealtimeEnable
/OffAvNotification	Disables SmartScreen and sets registry values to "0" for: EnableLUA, ConsentPromptBehaviorAdmin, PromptOnSecureDesktop
/cmd	Provides a remote cmd terminal
/powershell	Provides a remote powershell console

Command	Description
/settings	
/disconnect	
/opencd	Calls mciSendStringA with "set cdaudio door open"
/closecd	Calls mciSendStringA with "set cdaudio door closed"
/exploreroff	Sets DisableTaskMgr to "1"
/exploreron	Deletes subkey tree for Software\Microsoft\Windows\CurrentVersion\Policies\System
/hidetaskbar	Calls user32.dll ShowWindow with SW_HIDE parameter
/showtaskbar	Calls user32.dll ShowWindow for Shell_TrayWnd
/wallpaper	Asks the user to send a picture to set as wallpaper
/collapsewindows	
/reboot	
/kill	
/suicide	

Command	Description
cd [directory]	Sets working directory
back	Goes one step back in the command listing
ls	
drives	
action [name]	Provides file operations: info, run, delete, read, send, cd
mkdir [NameFileInFolder]	Creates a directory
remove [NameFileInFolder],[AnotherDirectory]	
rename [NameFileInFolder],[NewName]	
/hrdp	 Runs service\in.exe from executable folder. Sets fDenyTSConnections to "0" Creates new user account named usr<rand_nr1000-10000> with password <rand_nr10000-20000></rand_nr10000-20000></rand_nr1000-10000> Adds new user to Remote Desktop Users group Prints credentials for new user to Telegram
/StartProxyServer	Starts a Socks5 proxy using port 5901
/StopProxyServer	Stops above proxy

Command	Description
/StartVNC	Runs service\ winserv1.exe for 32 bit architecture, or service\ winserv2.exe for 64 bit architecture. Both reside in the executable folder.
/StopVNC	Kills any process with a name containing the substring winserv1 (32 bit)or winserv2 (64 bit)
/CheckVNC	Returns if a process name containing winserv1 or winserv2 exists
/commands	Menu navigation
/control	Menu navigation
/stealer	Menu navigation
/filemanager	Menu navigation
/StealPasswords	
/StealWebData	Searches for Web Data folder in the %LOCALAPPDATA% directory and extracts autofill information. This folder is part of Chrome.
/StealCookies	Saves cookies to Cookies.txt in the executable folder and uploads it to Telegram
/GetTelegramSession	Steal Telegram data
/GetSteamFiles	Steal Steam data

Command	Description
/GetNordData	Steal Nord data
/GetFilezillaConfig	Steal Filezilla configuration
/GetSkypeSession	Saves skype appdata folder contents to %TEMP%/winsys/ Skype.zip and uploads this file to Telegram
/GetDiscordSession	Saves Discord\Local Storage\leveldb folder contents to %TEMP%/winsys/ Discord.zip and uploads this to Telegram
/GetViberSession	Steal Viber data
/SetQiwi [wallet]	Set Qiwi wallet for clipper
/SetWMR [wallet]	Set WMR wallet for clipper
/SetWMZ [wallet]	Set WMZ wallet for clipper
/SetWME [wallet]	Set WME wallet for clipper
/SetWMX [wallet]	Set WMX wallet for clipper
/SetYandexMoney [wallet]	Set Yandex Money wallet for clipper
/SetCC [wallet]	Set CC wallet for clipper

Command	Description
/SetPayeer [wallet]	Set Payeer wallet for clipper
/SetRipple [wallet]	Set Ripple wallet for clipper
/SetDogechain [wallet]	Set Doge wallet for clipper
/SetTron [wallet]	Set Tron wallet for clipper
/SetBTCG [wallet]	Set BTCG wallet for clipper
/SetBTC [wallet]	Set BTC waller for clipper
/wallets	
/SaveConfig	
/SendConfig	
/StartScreenLogger	
/StartKeyLogger	
/SendLog	
/StopKeyLogger	

Command	Description
/SendScreenshots	
/StopScreenLogger	
/ClipperStart	
/ClipperStop	
/ClipboardLoggerStart	
/ClipboardLoggerSend	
/ClipboardLoggerStop	
/clipboard	
/functions	
/exit	Menu navigation