Briefing Malware

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TLP WHITE

About this report

This report aims to identify the Tactics, Techniques and Procedures (TTP's) of the most known malwares along this year on the *ANY.RUN* platform © from the 28/06 to 06/07.
This analysis is based on the *MITRE ATT&CK* © matrix in the evaluation of the TTP's most exploited by cyber actors in order to prioritize the vigilance effort of the detection and incident response teams.
A remediation solution is proposed in the "Mitigations" tab for each technique.

Please note that the sub-techniques are now available for the Enterprise Matrix of Mitre ATT&CK. We work on it to add more and more details about these sub-techniques in the present communication. You can click here to know more about this new way of analysing TTPs of malwares.

Most Recurrent Malwares

↑	1	**Redline** (NC)
↓	2	**njRAT** (ID Mitre : **S0385**)
↑	3	**AsyncRAT** (NC)
↑	4	**Nanocore** (ID Mitre : **S0336**)
↓	5	**Lokibot** (ID Mitre : **S0447**)
↓	6	**FormBook** (NC)
↑	7	**Vidar** (NC)
↓	8	**Orcus** (NC)
↑	9	**Raccoon** (NC)
↓	10	**Remcos** (ID Mitre : **S0332**)

Most observed malwares's TTPs overlaps

A graphic presentation of TTPs overlaps between malwares is available in the next pages. For each tactic, you can find the listing of the names and the IDs of the techniques. Credits from The Mitre Corporation ©

TA0002 : Execution		TA0003 : Persistence		TA0004 : Privilege Escalation		TA0005 : Defense Evasion		TA0006 : Credential Access		TA0007 : Discovery	TA0009 : Collection		TA0011 : Command and Control	TA0010 : Exfiltration
T1059 : Command and Scripting Interpreter	T1059.003 : Windows Command Shell	T1547 : Boot or Logon Autostart Execution	T1547.001 : Registry Run Keys / Startup Folder	T1547 : Boot or Logon Autostart Execution	T1547.001 : Registry Run Keys / Startup Folder	T1027 : Obfuscated Files or Information		T1056 : Input Capture	T1056.001 : Keylogging	T1012 : Query Registry	T1056 : Input Capture	T1056.001 : Keylogging	T1105 : Ingress Tool Transfer	T1041 : Exfiltration Over C2 Channel
T1106 : Native API				T1055 : Process Injection		T1112 : Modify Registry		T1555 : Credentials from Password Stores	T1555.003 : Credentials from Web Browsers	T1082 : System Information Discovery	T1560 : Archive Collected Data		T1571 : Non-Standard Port	
T1129 : Shared Modules						T1055 : Process Injection		T1552 : Unsecured Credentials	T1552.001 : Credentials In Files	T1057 : Process Discovery	T1113 : Screen Capture			
						T1564 : Hide Artefacts				T1083 : File and Directory Discovery	T1125 : Video Capture			
						T1562 : Impair Defenses				T1120 : Peripheral Device Discovery	T1123 : Audio Capture			
						T1070 : Indicator Removal on Host	T1070.004 : File Deletion				T1005 : Data from Local System			
						T1553 : Subvert Trust Controls	T1553.004 : Install Root Certificate							

Legend

- Technique shared by 9 malwares
- Technique shared by 8 malwares
- Technique shared by 7 malwares
- Technique shared by 6 malwares
- Technique shared by 5 malwares
- Technique shared by 4 malwares
- Technique shared by 3 malwares

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List of most leveraged techniques

To optimize the visibility of the results, only techniques shared by at least 3 malwares are listed here (from the most to the less shared).

T1547	Boot or Logon Autostart Execution
T1059	Command and scripting interpreter
T1056	Input Capture
T1012	Query registry
T1082	System Information Discovery
T1547.001	Registry run keys/Startup folder
T1027	Obfuscated files or information
T1112	Modify registry
T1056.001	Keylogging
T1057	Process discovery
T1059.003	Windows Command Shell
T1055	Process injection
T1083	File and Directory Discovery
T1560	Archive Collected Data
T1113	Screen capture
T1125	Video capture
T1105	Ingress tool transfer
T1106	Native API
T1129	Shared Modules
T1564	Hide Artefacts
T1562	Impair defense
T1070	indicator Removal on host
T1070.004	File Deletion
T1553	Subvert Trust Controls
T1553.004	Install Root Certificate
T1555	Credential from Password Stores
T1555.003	Credential from Web browsers
T1552	Unsecured Credentials
T1552.001	Credentials In Files
T1120	Peripheral Device Discovery
T1123	Audio Capture
T1005	Data from Local System
T1571	Non-standard port
T1041	Exfiltration over C2 channel

What's new ?

Lokibot (ID Mitre : S0447) /
FormBook (NC) /
Raccoon (NC)

Italian Public Administration targeted by 16 campaigns

Italian Public Administration was the target of attack campaigns involving 6 different malwares: **#Lokibot**, **#FormBook**, **#Raccoon**, **#AgentTesla**, **#Ursnif**/**#Gozi** and **#Rastaf**.
Most of them involved phishing email with attachments of different types (ISO, ZIP, RTF, XLSX,…). The main subject of those emails was 'Italian bank' and more precisely targeting namely **#Intesa Sanpaolo**, **#Poste Italiane**, **#ING** or **#Unicredit**.

https://www.difesaesicurezza.com/cyber/cybercrime-la-pa-in-italia-attaccata-da-16-campagne-la-scorsa-settimana/