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HiveForce Labs

WEEKLY

# THREAT DIGEST

**Attacks, Vulnerabilities and Actors**

15 to 21 JANUARY 2024

# Table Of Contents

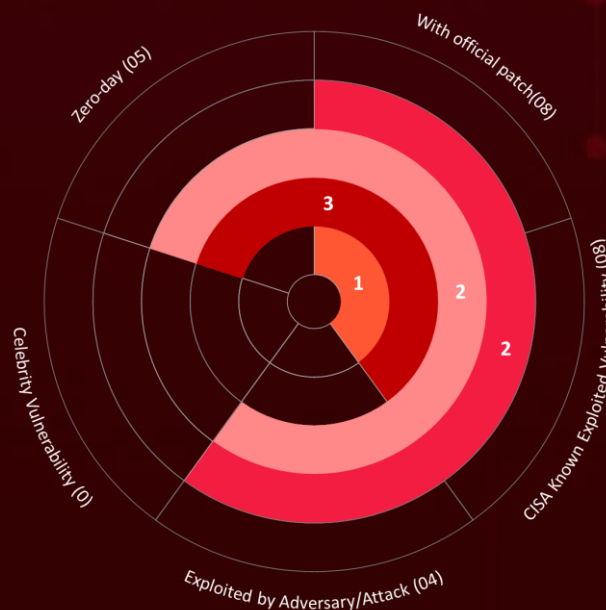
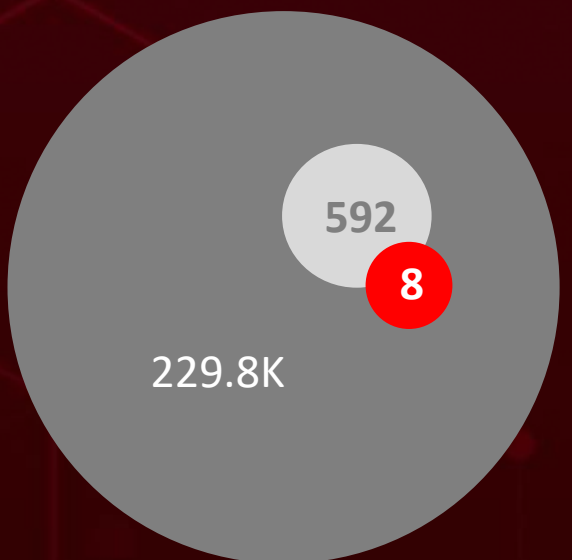
<u>Summary</u>	03
<u>High Level Statistics</u>	04
<u>Insights</u>	05
<u>Targeted Countries</u>	06
<u>Targeted Industries</u>	07
<u>Top MITRE ATT&amp;CK TTPs</u>	07
<u>Attacks Executed</u>	08
<u>Vulnerabilities Exploited</u>	12
<u>Adversaries in Action</u>	16
<u>Recommendations</u>	18
<u>Threat Advisories</u>	19
<u>Appendix</u>	20
<u>What Next?</u>	25

# Summary

HiveForce Labs has recently made several significant discoveries related to cybersecurity threats. Over the past week, we identified a total of **six** executed attacks, **two** instances of adversary activity, and **eight** exploited vulnerabilities, highlighting the ever-present danger of cyberattacks.

Furthermore, HiveForce Labs uncovered Iranian espionage group **Mint Sandstorm**, targeted high-profile Individuals of research organizations and universities in a recent phishing by deploying new backdoor malware MediaPI backdoor and MischiefTut.

Meanwhile, a critical zero-day vulnerability (**CVE-2024-0519**), in Google Chrome that can lead to program crashes or enable arbitrary code execution. These observed attacks have been on the rise, posing a significant threat worldwide.



- Total Vulnerabilities Published
- Vulnerabilities Published in the Week
- Exploited Vulnerabilities

# High Level Statistics

6

Attacks  
Executed

8

Vulnerabilities  
Exploited

2

Adversaries in  
Action

- Monero
- Cryptominer
- Phemedrone
- Stealer
- MediaPI
- Backdoor
- MischiefTut
- Androxgh0st
- SPICA Backdoor
- CVE-2023-29357
- CVE-2023-36025
- CVE-2024-0519
- CVE-2023-6548
- CVE-2023-6549
- CVE-2017-9841
- CVE-2018-15133
- CVE-2021-41773
- Mint Sandstorm
- COLDRIVER



# Insights

## Zero-Day

Google Chrome fixes CVE-2024-0519, that can lead to program crashes or enable arbitrary code execution

## CVE-2023-36025

Phemedrone stealer malware campaign exploits a vulnerability in Microsoft Defender SmartScreen

## Mint Sandstorm

threat actor targeting high-profile individuals in Middle Eastern affairs at universities and research organizations

## Androxgh0st malware

is building a botnet, specifically aimed at illicitly obtaining cloud credentials from popular applications such as Amazon Web Services (AWS), Microsoft Office 365, SendGrid, and Twilio

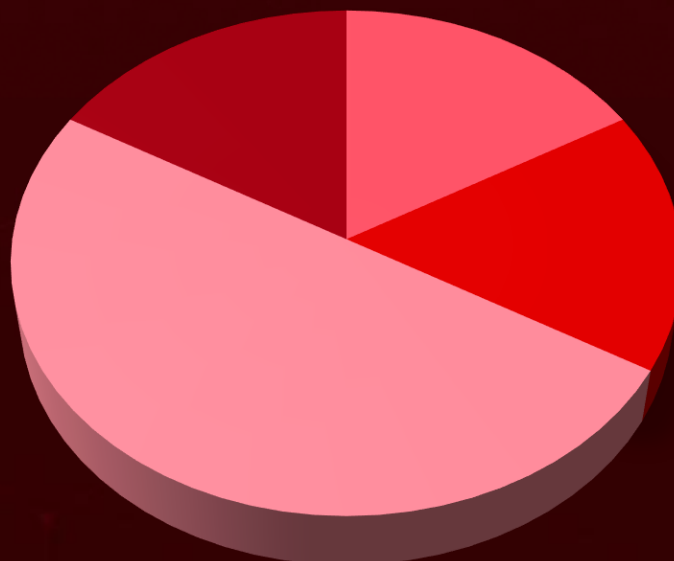
## Citrix Zero-day

NetScaler ADC and NetScaler Gateway are affected by actively exploited zero-day vulnerabilities, identified as CVE-2023-6548 and CVE-2023-6549

## COLDRIVER

Threat actor introduced its first custom malware, the **SPICA backdoor**, written in the Rust programming language

## Threat Distribution



■ Cryptominer ■ Information Stealer ■ Backdoor ■ SMTP cracker

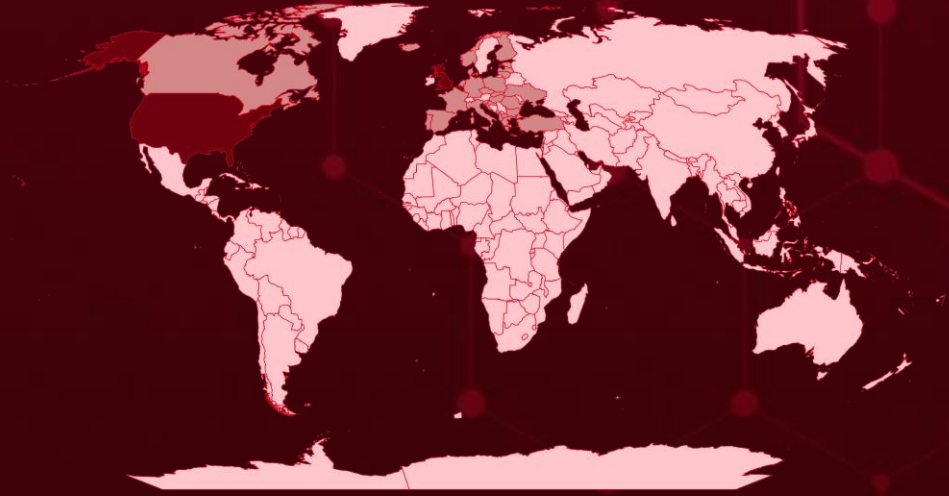


# Targeted Countries

Most



Least



Powered by Bing  
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Countries
Belgium
United Kingdom
United States
Latvia
Portugal
Netherlands
Gaza
Spain
Bulgaria
Luxembourg
Canada
Norway
Croatia
Slovakia
Czech Republic
Ukraine
Denmark
Lithuania
Estonia
Montenegro
Finland

Countries
North Macedonia
France
Poland
Germany
Romania
Greece
Slovenia
Hungary
Turkey
Israel
Albania
France
Iceland
Italy
Switzerland
Uruguay
Tajikistan
Uzbekistan
The Bahamas

Countries
Ecuador
San Marino
Antigua and Barbuda
El Salvador
Sweden
Tanzania
Turkmenistan
Georgia
Barbados
Monaco
Grenada
Guatemala
Iraq
Saint Vincent and the Grenadines
Ireland
Saudi Arabia
Bahrain
Jamaica
Suriname
Jordan

# Targeted Industries



## TOP MITRE ATT&CK TTPS

### T1082

System Information Discovery

### T1083

File and Directory Discovery

### T1059

Command and Scripting Interpreter

### T1588

Obtain Capabilities

### T1588.006

Vulnerabilities

### T1588.005

Exploits

### T1204

User Execution

### T1027

Obfuscated Files or Information

### T1566

Phishing

### T1204.002

Malicious File

### T1055

Process Injection

### T1498

Network Denial of Service

### T1041

Exfiltration Over C2 Channel

### T1059.001

PowerShell

### T1036

Masquerading

### T1105

Ingress Tool Transfer

### T1057

Process Discovery

### T1659

Content Injection

### T1190

Exploit Public-Facing Application

### T1071.001

Web Protocols

# ✂ Attacks Executed

NAME	OVERVIEW	DELIVERY METHOD	TARGETED CVEs
<b>Monero</b>	Monero, a privacy-focused cryptocurrency, has become a magnet for cryptominers, both legitimate and malicious. The lure lies in its unique mining algorithm, RandomX, designed to be resistant to specialized hardware (ASICs) and favor consumer-grade CPUs and GPUs.	Phishing	-
		<b>IMPACT</b>	<b>AFFECTED PRODUCTS</b>
<b>TYPE</b>		Data Theft	-
Cryptominer			
<b>ASSOCIATED ACTOR</b>			<b>PATCH LINK</b>
-			-
<b>IOC TYPE</b>	<b>VALUE</b>		
<b>SHA256</b>	eea29961fc606fdc27bd77707bd3f7e4b8a1b17d73d7c6fcd20c014ecdb4e3fb, 61531092cd9111095aef20168c61a85f61e2bdc7341adbcd60c39adba4d395c, 8afc300d41966777e10c321153a106125bd29ee6cf5cc0d8794697da826b5b65, 04aceaa4d58f373e64c78d19cb0d37da3453374014b2f391684958b6bb10e7f4, 7dafec3494c7b178e9cec154b89b520e789c117d735fdabb2dd9c0bd5338548b		

The IOCs (Indicators of Compromise) for the attacks executed are listed in the appendix section at the end of the report.



NAME	OVERVIEW	DELIVERY METHOD	TARGETED CVEs
<b><u>Phemedrone</u></b>	The Phemedrone stealer malware campaign exploits a vulnerability in Microsoft Defender SmartScreen. Phemedrone, an open-source information-stealing malware written in C#, is designed to extract data from web browsers, and cryptocurrency wallets.	Exploiting vulnerabilities	CVE-2023-36025
		<b>IMPACT</b>	<b>AFFECTED PRODUCTS</b>
		Data Theft	Microsoft Windows
			<b>PATCH LINK</b>
			<a href="https://msrc.microsoft.com/update-guide/en-US/advisory/CVE-2023-36025">https://msrc.microsoft.com/update-guide/en-US/advisory/CVE-2023-36025</a>
<b>TYPE</b>	Information Stealer		
<b>ASSOCIATED ACTOR</b>	-		
<b>IOC TYPE</b>	<b>VALUE</b>		
<b>SHA256</b>	f32964087462ba3c96a87ee8387f89de8fa605f2f5bb84cb5f754cd736683f2d, 5f1a027f1c1468f93671a4c7fc7b5da00a3c559a9116f5417baa6c1f89550d9f, c6765d92e540af845b3cbc4caa4f9e9d00d5003a36c9cb548ea79bb14c7e8f66, a841cd16062702462fdffdd7eef9fc3d88cde65d19c8d5a384e33066d65f9424, 815b2125d6f0a5d99750614731aaad2c6936a1dc107a969408a88973f35064c0		

NAME	OVERVIEW	DELIVERY METHOD	TARGETED CVEs
<b><u>MediaPI</u></b>	MediaPI is a highly sophisticated malware strain crafted to undermine the security of researchers and compromise their data. Functioning as a backdoor trojan, its primary purpose is to illicitly harvest data from compromised computers.	Phishing	-
		<b>IMPACT</b>	<b>AFFECTED PRODUCTS</b>
		Data Theft	-
			<b>PATCH LINK</b>
			-
<b>TYPE</b>	Backdoor		
<b>ASSOCIATED ACTOR</b>	Mint Sandstorm		
<b>IOC TYPE</b>	<b>VALUE</b>		
<b>SHA256</b>	f2dec56acef275a0e987844e98afcc44bf8b83b4661e83f89c6a2a72c5811d5f		

The IOCs (Indicators of Compromise) for the attacks executed are listed in the appendix section at the end of the report.

NAME	OVERVIEW	DELIVERY METHOD	TARGETED CVEs
<b>Androxgh0st</b>		Exploiting vulnerabilities	CVE-2017-9841 CVE-2018-15133 CVE-2021-41773
		<b>IMPACT</b>	<b>AFFECTED PRODUCTS</b>
<b>TYPE</b>	The Androxgh0st malware is building a botnet, specifically aimed at illicitly obtaining cloud credentials from popular applications such as Amazon Web Services (AWS), Microsoft Office 365, SendGrid, and Twilio. This stolen data is then utilized to disseminate additional harmful payloads.	Data Theft	Amazon Web Services (AWS), Microsoft Office 365, SendGrid, and Twilio
SMTP cracker			<b>PATCH LINK</b>
<b>ASSOCIATED ACTOR</b>			<a href="https://www.oracle.com/security-alerts/cpuoct2021.html">https://www.oracle.com/security-alerts/cpuoct2021.html</a> ; <a href="https://laravel.com/docs/5.6/upgrade#upgrade-5.6.30">https://laravel.com/docs/5.6/upgrade#upgrade-5.6.30</a> ; <a href="https://httpd.apache.org/security/vulnerabilities_24.html">https://httpd.apache.org/security/vulnerabilities_24.html</a>
-			
<b>IOC TYPE</b>	<b>VALUE</b>		
<b>SHA1</b>	0df17ad20bf796ed549c240856ac2bf9ceb19f21a8cae2dbd7d99369ecd317ef, 23fc51fde90d98daee27499a7ff94065f7ed4ac09c22867ebd9199e025dee066, 59e90be75e51c86b4b9b69dced2cf815da5a79f7e05cac27c95ec35294151f4, 6b5846f32d8009e6b54743d6f817f0c3519be6f370a0917bf455d3d114820bbc, bb7070cbede294963328119d1145546c2e26709c5cea1d876d234b991682c0b7		




The IOCs (Indicators of Compromise) for the attacks executed are listed in the appendix section at the end of the report.




NAME	OVERVIEW	DELIVERY METHOD	TARGETED CVEs	
<u>MischiefTut</u>	MischiefTut, a custom PowerShell-based backdoor, performs reconnaissance, records outputs, and can download additional tools on compromised systems.	Unknown	-	
<b>TYPE</b>		<b>IMPACT</b>	<b>AFFECTED PRODUCTS</b>	
Backdoor				
<b>ASSOCIATED ACTOR</b>				<b>PATCH LINK</b>
Mint Sandstorm				
	Data Theft	-		




NAME	OVERVIEW	DELIVERY METHOD	TARGETED CVEs	
<u>SPICA</u>	SPICA, written in Rust, employs JSON over websockets for command and control. It executes shell commands, steals browser cookies, uploads/downloads files, and explores the filesystem. Upon execution, it establishes persistence and opens a decoy PDF, awaiting further commands in its C2 loop.	Phishing	-	
<b>TYPE</b>		<b>IMPACT</b>	<b>AFFECTED PRODUCTS</b>	
Backdoor				
<b>ASSOCIATED ACTOR</b>				<b>PATCH LINK</b>
COLDRIVER				
	Data Exfiltration, Disruption	-		
<b>IOC TYPE</b>	<b>VALUE</b>			
<b>SHA256</b>	84523ddad722e205e2d52eedfb682026928b63f919a7bf1ce6f1ad4180d0f507, 37c52481711631a5c73a6341bd8bea302ad57f02199db7624b580058547fb5a9, C97acea1a6ef59d58a498f1e1f0e0648d6979c4325de3ee726038df1fc2e831d			




The IOCs (Indicators of Compromise) for the attacks executed are listed in the appendix section at the end of the report.







# Vulnerabilities Exploited




CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
<a href="#">CVE-2023-29357</a>		Microsoft SharePoint Server: 2019	-
	ZERO-DAY		
		AFFECTED CPE	ASSOCIATED ATTACKS/RANSOMWARE
NAME	CISA KEV	cpe:2.3:a:microsoft:sharepoint_server:2019:*:*:*:*:*:*	-
Microsoft SharePoint Server Privilege Escalation Vulnerability			
	CWE ID	ASSOCIATED TTPs	PATCH LINK
	CWE-287	T1068: Exploitation for Privilege Escalation, T1059: Command and Scripting Interpreter	<a href="https://msrc.microsoft.com/update-guide/vulnerability/CVE-2023-29357">https://msrc.microsoft.com/update-guide/vulnerability/CVE-2023-29357</a>




CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
<a href="#">CVE-2023-36025</a>		Windows: 10 - 11 23H2 Windows Server: 2008 - 2022 23H2	-
	ZERO-DAY		
		AFFECTED CPE	ASSOCIATED ATTACKS/RANSOMWARE
NAME	CISA KEV	cpe:2.3:o:microsoft:windows:*:*:*:*:*:*	Phemedrone Stealer
Microsoft Windows SmartScreen Security Feature Bypass Vulnerability			
	CWE ID	ASSOCIATED TTPs	PATCH LINK
	CWE-254	T1059: Command and Scripting Interpreter	<a href="https://msrc.microsoft.com/update-guide/en-US/advisory/CVE-2023-36025">https://msrc.microsoft.com/update-guide/en-US/advisory/CVE-2023-36025</a>

CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
<u>CVE-2024-0519</u>		Google Chrome prior to 120.0.6099.224	-
	ZERO-DAY		
		AFFECTED CPE	ASSOCIATED ATTACKS/RANSOMWARE
NAME	CISA KEY	cpe:2.3:a:google:chrome:*.~*.~*.~*.~*.~*.~*	-
Google Chrome Out of bounds memory access Vulnerability			
	CWE ID	ASSOCIATED TTPs	PATCH LINK
	CWE-125	T1082: System Information Discovery	<a href="https://www.google.com/intl/en/chrome/?standalone=1">https://www.google.com/intl/en/chrome/?standalone=1</a>

CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
<u>CVE-2023-6548</u>		NetScaler ADC and NetScaler Gateway 14.1 before 14.1-12.35, NetScaler ADC and NetScaler Gateway 13.1 before 13.1-51.15, NetScaler ADC and NetScaler Gateway 13.0 before 13.0-92.21, NetScaler ADC 13.1-FIPS before 13.1-37.176, NetScaler ADC 12.1-FIPS before 12.1-55.302, NetScaler ADC 12.1-NDcPP before 12.1-55.302	-
	ZERO-DAY		
		AFFECTED CPE	ASSOCIATED ATTACKS/RANSOMWARE
NAME	CISA KEY	cpe:2.3:a:citrix:netscaler_ADC_and_Gateway:*.~*.~*.~*.~*.~*.~*	-
Citrix NetScaler ADC and NetScaler Gateway Code Injection Vulnerability			
	CWE ID	ASSOCIATED TTPs	PATCH LINK
	CWE-94	T1055: Process Injection, T1059: Command and Scripting Interpreter	<a href="https://www.citrix.com/downloads/">https://www.citrix.com/downloads/</a>


CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
<a href="#"><u>CVE-2023-6549</u></a>		NetScaler ADC and NetScaler Gateway 14.1 before 14.1-12.35, NetScaler ADC and NetScaler Gateway 13.1 before 13.1-51.15, NetScaler ADC and NetScaler Gateway 13.0 before 13.0-92.21, NetScaler ADC 13.1-FIPS before 13.1-37.176, NetScaler ADC 12.1-FIPS before 12.1-55.302, NetScaler ADC 12.1-NDcPP before 12.1-55.302	-
	ZERO-DAY		
		AFFECTED CPE	ASSOCIATED ATTACKS/RANSOMWARE
<b>NAME</b>	<b>CISA KEY</b>	cpe:2.3:a:citrix:netscaler_ADC_and_Gateway:*.:*:*:*:*:*	-
Citrix NetScaler ADC and NetScaler Gateway Buffer Overflow Vulnerability			
	<b>CWE ID</b>	<b>ASSOCIATED TTPs</b>	<b>PATCH LINK</b>
	CWE-119	T1059: Command and Scripting Interpreter	<a href="https://www.citrix.com/downloads/">https://www.citrix.com/downloads/</a>
CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
<a href="#"><u>CVE-2017-9841</u></a>		PHPUnit: 4.8.0 - 5.6.2	-
	ZERO-DAY		
		AFFECTED CPE	ASSOCIATED ATTACKS/RANSOMWARE
<b>NAME</b>	<b>CISA KEY</b>	cpe:2.3:a:phpunit_project:phpunit:*.:*:*:*:*:*	AndroXgh0st
PHPUnit Command Injection Vulnerability			
	<b>CWE ID</b>	<b>ASSOCIATED TTPs</b>	<b>PATCH LINK</b>
	CWE-94	T1055: Process Injection, T1059: Command and Scripting Interpreter	<a href="https://www.oracle.com/security-alerts/cpuoct2021.html">https://www.oracle.com/security-alerts/cpuoct2021.html</a>

CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
<u>CVE-2018-15133</u>		Laravel Framework: 5.5.0 - 5.6.29	-
	ZERO-DAY		
		AFFECTED CPE	ASSOCIATED ATTACKS/RANSOMWARE
NAME	CISA KEV	cpe:2.3:a:laravel:laravel:*: *:*:*:*:*:*	AndroXgh0st
Laravel Deserialization of Untrusted Data Vulnerability			
	CWE ID	ASSOCIATED TTPs	PATCH LINK
	CWE-502	T1059: Command and Scripting Interpreter	<a href="https://laravel.com/docs/5.6/upgrade#upgrade-5.6.30">https://laravel.com/docs/5.6/upgrade#upgrade-5.6.30</a>


CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
<u>CVE-2021-41773</u>		Apache HTTP Server versions 2.4.49 or 2.4.50	-
	ZERO-DAY		
		AFFECTED CPE	ASSOCIATED ATTACKS/RANSOMWARE
NAME	CISA KEV	cpe:2.3:a:apache:http_server:*:*:*:*:*	AndroXgh0st
Apache HTTP Server Path Traversal Vulnerability			
	CWE ID	ASSOCIATED TTPs	PATCH LINK
	CWE-22	T1059: Command and Scripting Interpreter	<a href="https://httpd.apache.org/security/vulnerabilities_24.html">https://httpd.apache.org/security/vulnerabilities_24.html</a>



# Adversaries in Action

NAME	ORIGIN	TARGETED INDUSTRIES	TARGETED COUNTRIES
 <p><u>Mint Sandstorm (aka Charming Kitten, Magic Hound, APT 35, Cobalt Illusion, Cobalt Mirage, TEMP.Beanie, Timberworm, Tarh Andishan, TA453, Phosphorus, TunnelVision, UNC788, Yellow Garuda, Educated Manticore, Ballistic Bobcat)</u></p>	Iran	High-profile Individuals of research organizations and universities	Belgium, France, Gaza, Israel, the United Kingdom, and the United States
	<b>MOTIVE</b>		
	Information theft and espionage		
	<b>TARGETED CVEs</b>	<b>ASSOCIATED ATTACKS/RANSOMWARE</b>	<b>AFFECTED PRODUCTS</b>
-	MediaPI backdoor, MischiefTut	-	
<b>TTPs</b>			
TA0001: Initial Access; TA0002: Execution; TA0003: Persistence; TA0005: Defense Evasion; TA0011: Command and Control; T1566: Phishing; T1566.002: Spearphishing Link; T1059: Command and Scripting: Interpreter; T1059.001: PowerShell; T1059.005: Visual Basic; T1547: Boot or Logon Autostart Execution; T1547.001: Registry Run Keys / Startup Folder; T1036: Masquerading; T1573: Encrypted Channel; T1053: Scheduled Task/Job; T1204: User Execution; T1204.002: Malicious File; T1132: Data Encoding; T1132.001: Standard Encoding			



NAME	ORIGIN	TARGETED INDUSTRIES	TARGETED COUNTRIES
 <p><b><u>COLDRIVER (aka Star Blizzard, Nahrelbared, NahrElbard, Cobalt Edgewater, TA446, Seaborgium, TAG-53, BlueCharlie, Blue Callisto, Calisto)</u></b></p>	Russia	High profile individuals in NGOs, former intelligence and military officers and NATO governments	Ukraine, NATO countries
	<b>MOTIVE</b>		
	Information theft and espionage	<b>ASSOCIATED ATTACKS/RANSOMWARE</b>	<b>AFFECTED PRODUCTS</b>
	-	SPICA backdoor	-
<b>TTPs</b>			
<p>TA0001: Initial Access; TA0002: Execution; TA0003: Persistence; TA0005: Defense Evasion; TA0006: Credential Access; TA0007: Discovery; TA0009: Collection; TA0010: Exfiltration; TA0011: Command and Control; T1566: Phishing; T1566.001: Spearphishing Attachment; T1566.002: Spearphishing Link; T1539: Steal Web Session Cookie; T1083: File and Directory Discovery; T1053: Scheduled Task/Job; T1027: Obfuscated Files or Information; T1027.010: Command Obfuscation; T1059: Command and Scripting Interpreter; T1204: User Execution; T1204.001: Malicious Link; T1204.002: Malicious File; T1560: Archive Collected Data; T1105: Ingress Tool Transfer; T1071: Application Layer: Protocol; T1071.001: Web Protocols</p>			

# Recommendations

## Security Teams

This digest can be utilized as a drive to force security teams to prioritize the **eight exploited vulnerabilities** and block the indicators related to the threat actor **Mint Sandstorm, COLDRIVER** and malware **Monero cryptominer, Phemedrone Stealer, MediaPI backdoor, Androxgh0st, SPICA backdoor**.

## Uni5 Users

This is an actionable threat digest for HivePro Uni5 customers and they can get comprehensive insights into their threat exposure and can action it effortlessly over the HivePro Uni5 dashboard by

- Running a Scan to discover the assets impacted by the **eight exploited vulnerabilities**.
- Testing the efficacy of their security controls by simulating the attacks related to the threat actor **Mint Sandstorm, COLDRIVER** and malware **Monero cryptominer, Phemedrone Stealer, MediaPI backdoor, Androxgh0st, SPICA backdoor** in Breach and Attack Simulation(BAS).

# Threat Advisories

[Active Exploitation of Two Critical Flaws in Microsoft SharePoint](#)

[New Attacks Target Misconfigured Apache Applications with Monero Miner](#)

[Windows SmartScreen Exploit Paves the Way for Phemedrone Stealer](#)

[Juniper's Critical RCE Vulnerability Shakes Network Security](#)

[Google Fixes First Actively Exploited Chrome Zero-day of 2024](#)

[Citrix Warns of Critical Netscaler Flaws Actively Exploited in Attacks - Urges Immediate Patching](#)

[Mint Sandstorm's Campaign Targets Researchers with Novel Backdoor](#)

[GitLab Fixes Critical Account Takeover Vulnerability](#)

[Androxgh0st Malware Uses Stealthy Tactics in Pilfering Credentials](#)

[COLDRIVER Expands Beyond Phishing, Incorporating Custom SPICA Backdoor](#)

# Appendix

**Known Exploited Vulnerabilities (KEV):** Software vulnerabilities for which there are public exploits or proof-of-concept (PoC) code available, and for which there is a high risk of potential harm to an organization's systems or data if left unaddressed.

**Celebrity Vulnerabilities:** Software vulnerabilities that have gained significant attention and have been branded with catchy names and logos due to their profound and multifaceted impact. These vulnerabilities provide malicious actors with opportunities to breach sensitive systems, potentially resulting in unauthorized access and the compromise of critical information.

## ✂ Indicators of Compromise (IOCs)

Attack Name	TYPE	VALUE
<a href="#"><u>Monero cryptominer</u></a>	SHA256	eea29961fc606fdc27bd77707bd3f7e4b8a1b17d73d7c6fcd20c014ecdb4e3fb, 61531092cd9111095aef20168c61a85f61e2bdc7341adbcd60c39adba4d395c, 8afc300d41966777e10c321153a106125bd29ee6cf5cc0d8794697da826b5b65, 04aceaa4d58f373e64c78d19cb0d37da3453374014b2f391684958b6bb10e7f4, 7dafec3494c7b178e9cec154b89b520e789c117d735fdabb2d9c0bd5338548b, a3af09049c4ba6ef13bf2ec645cf653777ede84c0cfc04f2aa6c0c9fa6e93dac, 6ef7e257764b1438c3a83f46699c81ad46ec35a38737f7980d65debc0fbf2007, ab8601854e04de69ec28b2996a364854a8a9ff238574569305d7455e6c52f690, 4d2c328739e69a3dcb457ca7447eba21b8d364af33539fbc2a51c24dafd28eb4, 1727ffd1ed79775dd36fc812381aea3414a2f235ff8ce7755eb0b1b7388af7cc, d073960d52393ccf2af5a7cc0661a41a913a5c440158a29794a8461bf27bd8b6, e613ef1133c27266edf01b389575336b471101f202cc92e513a40ca7b91b9dfe, 0375749ada9056ed6e9c38ece8956172605470fd1d13685a6b03a376c2566076, 14ddc4e3184c6212e656b267f8a600bb0aac606d6c48d1e0854d6a3f6ce867fd,

Attack Name	TYPE	VALUE
<u>Monero cryptomine</u> <u>r</u>	SHA256	0b9cdd16c45db58d1e69804953d38b1ed6b063989d2c125054f3a94b0f79f591, a1dea403ba55e900419ef7cd355253b4e9d08005cf44918a8993df844b616e10, c0eda3d6d769d945595e6d4fa2b68e3186fa66b662d4feb42173026c438626a0, 745a736dd76e415ab9e42688f9d4d21616ce182451f0afa760156b76f07194f9, 73d68aed6e9a5789938b86c450e50dc5151dbec0bc7c272f57d58229bfd9b4a9, 90898ba98f396d9fcb621b7c1ff58e12f00c05e6caf026d9855ebc507666f203
<u>Phemedrone Stealer</u>	SHA256	f32964087462ba3c96a87ee8387f89de8fa605f2f5bb84cb5f754cd736683f2d, 5f1a027f1c1468f93671a4c7fc7b5da00a3c559a9116f5417baa6c1f89550d9f, c6765d92e540af845b3cbc4caa4f9e9d00d5003a36c9cb548ea79bb14c7e8f66, a841cd16062702462fdffdd7eef9fc3d88cde65d19c8d5a384e33066d65f9424, 815b2125d6f0a5d99750614731aaad2c6936a1dc107a969408a88973f35064c0, ccd19ef6e81e936fc944ebafaefd2ad99ccd11dd15fbc7d3460726bb38237595, ea9b0dee3b7583ce60bba277e2189acb660284abf6b3b9273b6a60c85b0a5ce3, 9a96406ae06b703d827fffd1f1ced0781f89ca2af6d5041721e9fbd2647c8430, 22236e50b5f700f5606788dcd5ab1fb69ee092e8dffdd783ac3cab47f1f445ab, 1433efd142007ce809aff5b057810f5a1919ea1e3ff740ff0fcc2fc729226be5, ad513d2cba6cc82a50ee6531b275e937480d8fee20af2b4f41da5f88e408a4e9, 7c0a1e11610805bd187ef6e395c8fa31c1ae756962e26cdbff704ce54b9e678a, 4ae28a44c38edc516e449ddd269b5aa9924d549d763773dcd312b48fe6bb91ab, c9743e7ffb6f6978f08f86e970ddb82e24920d266b32bd242254fbf51abfe6ce,

Attack Name	TYPE	VALUE
<p><u>Phemedrone Stealer</u></p>	<p>SHA256</p>	<p>c3bfaa1f52abdbb673d83af67090112dfdf9ea8ff7a613f62bd48bace205f75,  6bd8449de1e1bdd62a86284ed17266949654f758e00e10d8cd59ec4d233c32e5,  4446d5b475ce8aed5244da917ae42b6cb9744ffc4efd766af8e4dee7dd5a3e19,  70c23213096457df852b66443d9a632e66816e023fdf05a93b9087ffb753d916,  69941417f26c207f7cbbbe36ce8b4d976640a3d7f407d316932428e427f1980b,  e2d19a23b19a07d35d16990e78c5cfaa3dd97b9ce92201f4db18a7da95fe6ff8,  b7f53c507a1aa4254b66a883285e27b42d65ea4ea4206fe674e0d03738f52141,  4ae28a44c38edc516e449ddd269b5aa9924d549d763773dcd312b48fe6bb91ab,  c6765d92e540af845b3cbc4caa4f9e9d00d5003a36c9cb548ea79bb14c7e8f66,  f24a8b3144e89b9bececfbf76add87ddefbd19a024a85692026e97f3a9911902,  e64b185c149cb523d13cb46ea3911e2c0595b6f10ae86e6a14b15e8d45c0cdcb,  cb58bf466675be9e11cfb404503cb122514f47b9708d033e381f28a60535812c,  80f88566fda41ebc1b4e35d89748a804740bba0d03049c33c536cffd5e0491e2,  4a36cc607ca5c2acc536510fd1b0ddd43a9403dac168d2420d474611909ed9e6,  89caa1568fcff162086dae91e6bd34fd04facba50166ebff800d45a999d0be8b,  188c72f995ebd5e1e8d0e3b9d34eeeeec2ec95d4d0fee30d2ea0f317ab1596eef,  e326c1b9e61cca6823300158e55381c6951b09d2327a89a8d841539cad3b4df3,  4da33c7fe62f71962913d7b40ff76aff9f1586e57db707b3d6b88162c051f402,  ff44e502bd5ea36e17b3fc39b480e65971b36002f27fb441e4acadd6bf604a20,  b7980f64f892d70b1cd72a8c80f8319f50c3c410aba4e4bc63fd6494bcb4f313,  480fae3bdc2604cba846779dd7dced95b3ce036bdef629ded247771a2e4d5d58,  348aea633c99e5f6a0ac7b850961be0a145a35678e5bd074b4852f7a2419f518,</p>

Attack Name	TYPE	VALUE
<u>Phemedrone Stealer</u>	SHA256	<p>1c53dffcb4c474a2b08708609466e7d234d6d51139b6532af54fac5bb8d37415,  b37ec923451dd15a0f68df0b392b0f1b243fe50c709de9e574ac14cf6fabdd53,  f2814a4b3796fb44045c33b9d0d9972bf40478e5bc74b587486900c6cfa02f3d,  5f1a027f1c1468f93671a4c7fc7b5da00a3c559a9116f5417baa6c1f89550d9f,  8b73d7aa8bb8db8a9ecbf9f713934fbbb5caf4745d7a61a6f34a100c4d84fd9d,  9b9ba722b314febfc44919551a03dde1539f115333183c2cb5e74b8e644ba5b3,  568b4b868b225f06bb34da0dc23603c9dedccc2b319353407c814983d5322563,  5ecad303475e180f8879871d8571d1a7eeb99e0b3c63cc77fdd02cb9b8c51211,  d5b1214f1817a16b2bc8a76daa48c9a3c5af0e411cf4f0c17b0e364d437a454b,  5f0ff1fd6ca89a0ddd3178e023dea8f79ff3c3f3d8ff7900378eb014e83ed326,  40c6fa38e44e00d8cf113d0a079cd46f8b7654331f12e50d2af5a9f1ddc6d266,  3a34cd3a3221d83a1cca8913b2afbb5b780027d48b44d3ce15dfe4a402064871</p>
<u>Androxgh Ost</u>	SHA256	<p>0df17ad20bf796ed549c240856ac2bf9ceb19f21a8cae2dbd7d99369ecd317ef,  23fc51fde90d98daee27499a7ff94065f7ed4ac09c22867ebd9199e025de066,  59e90be75e51c86b4b9b69dcede2cf815da5a79f7e05cac27c95ec35294151f4,  6b5846f32d8009e6b54743d6f817f0c3519be6f370a0917bf455d3d114820bbc,  bb7070cbede294963328119d1145546c2e26709c5cea1d876d234b991682c0b7,  ca45a14d0e88e4aa408a6ac2ee3012bf9994b16b74e3c66b588c7eabaaec4d72,  dcf8f640dd7cc27d2399cce96b1cf4b75e3b9f2dfdf19cee0a170e5a6d2ce6b6,  de1114a09cbab5ae9c1011ddd11719f15087cc29c8303da2e71d861b0594a1ba</p>

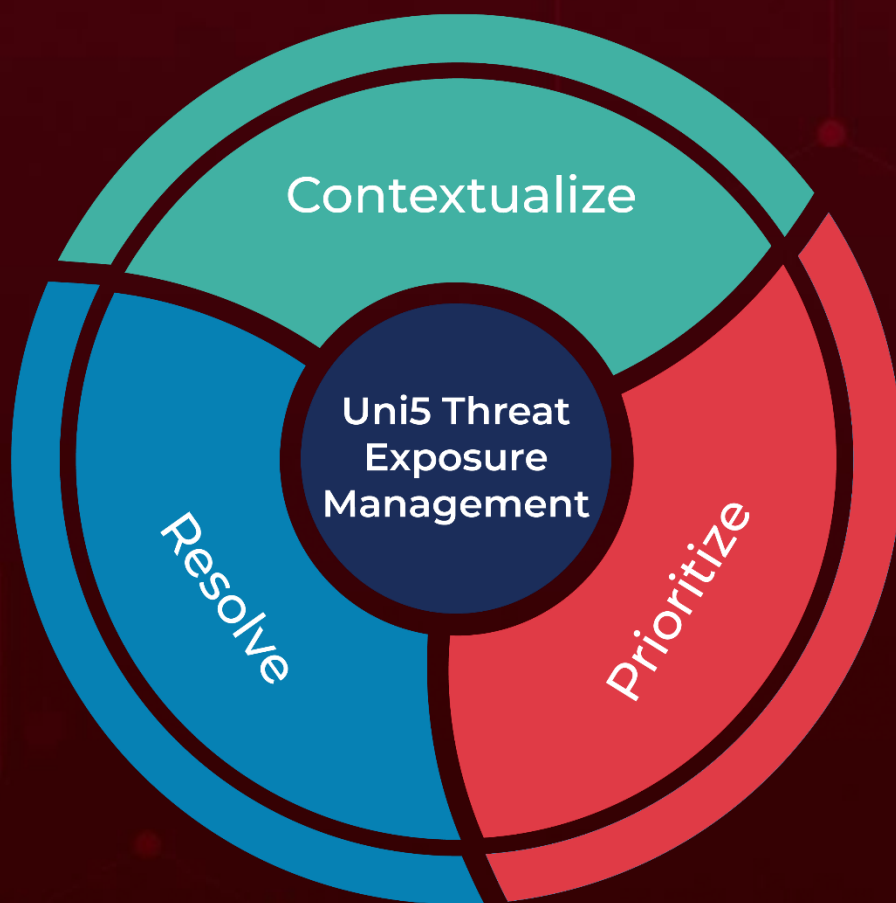
Attack Name	TYPE	VALUE
<u>AndroXgh Ost</u>	SHA1	06641b9b3b5088c48c7660ad3bf160bc87a929fd, 7d1beb03c32db43f5edd4c28f3c905954e40dbd6, 59ce7486745b08d1adba49f2413133c441194986, 79d3143a47dc02768ff5fda8dbcf464c5cdf115b, 09bd9b17a64b20ba66582dbc3ce08169697177a8
	MD5	95f745a5db131b1ca34e44848fd52edb, 3fae93618edffe4331d18d8b8e6df693, c1070aca9fcff4a32934e6c8aee4ea48, 9039ae16e5aaa63d9ffe88dfaf0f5108, fe53c38f61588efd90af97185e315612, 62a06bea8c6e276b5e532944cfc863e5, 6e793efe40e355643423f53de43952d3, 1fb78440dc44b0900b27260a16d9771e
<u>MediaPI backdoor</u>	SHA256	f2dec56acef275a0e987844e98afcc44bf8b83b4661e83f89c6a2a72c5811d5f
<u>SPICA backdoor</u>	SHA256	84523ddad722e205e2d52eedfb682026928b63f919a7bf1ce6f1ad4180d0f507, 37c52481711631a5c73a6341bd8bea302ad57f02199db7624b580058547fb5a9, C97acea1a6ef59d58a498f1e1f0e0648d6979c4325de3ee726038df1fc2e831d



# What Next?

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