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HiveForce Labs  
WEEKLY  
**THREAT DIGEST**

**Attacks, Vulnerabilities, and Actors**

8 to 14 DECEMBER 2025

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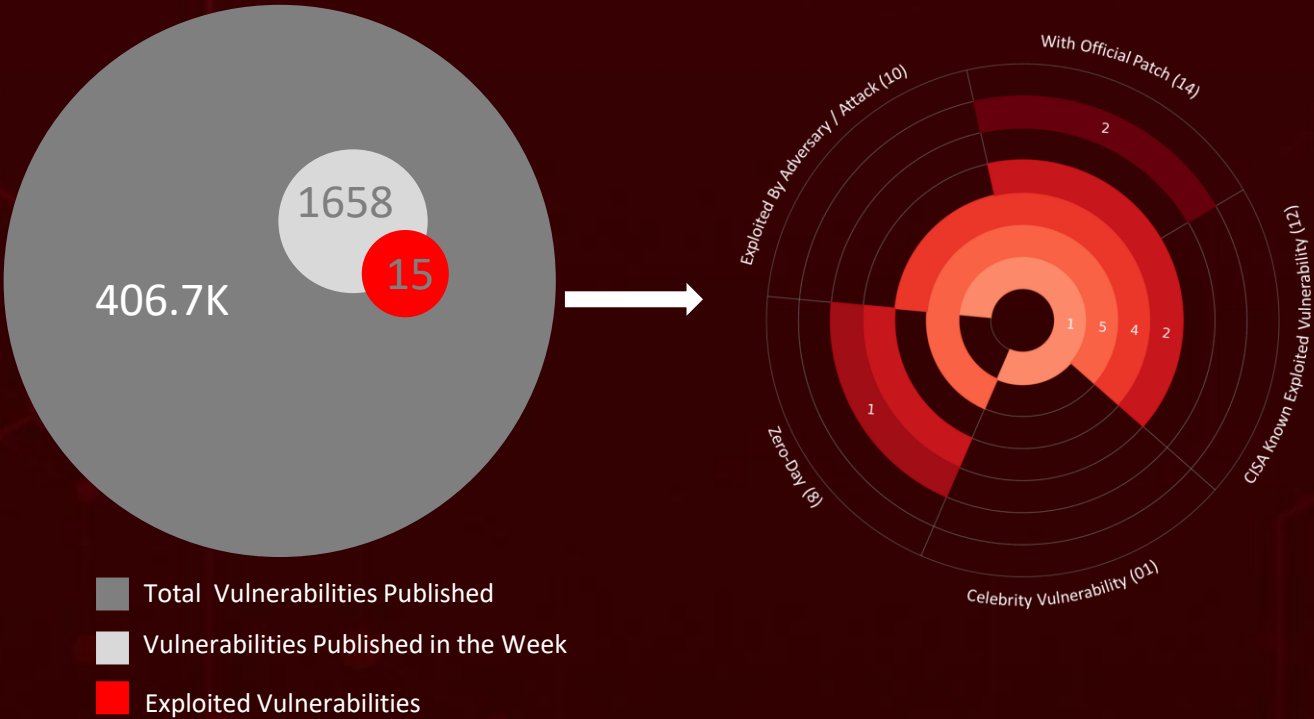
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# Summary

HiveForce Labs has reported a sharp rise in cybersecurity threats, highlighting the increasing complexity and frequency of global cyber incidents. Over the past week, **ten** major attacks were detected, **fifteen** vulnerabilities were publicly disclosed, and **eight** active threat actor groups were monitored, signaling a concerning escalation in malicious activity.

Much of this surge is being fueled by the rapid weaponization of newly disclosed and zero-day vulnerabilities. **CVE-2025-55182**, known as **React2Shell**, is a critical unauthenticated remote code execution flaw in React Server Components caused by unsafe deserialization in the Flight protocol. The flaw was exploited within days of disclosure by multiple threat actors observed leveraging the vulnerability to deploy cryptominers, web shells, and persistent backdoors during mass scanning campaigns. At the same time, multiple zero-days remain under active exploitation: **CVE-2025-62221** enables privilege escalation on Windows systems via the Cloud Files Mini Filter Driver; **CVE-2025-14174** targets Google Chromium through an out-of-bounds memory access flaw in the ANGLE graphics engine; and **CVE-2025-8110** exposes Gogs deployments to authenticated remote code execution due to improper symbolic-link handling. With fixes incomplete or still pending, hundreds of environments remain exposed to live attacks.

Beyond vulnerability exploitation, state-aligned threat activity continues to intensify. China-linked operators deploy **BRICKSTORM**, a stealthy Go-based ELF backdoor designed for long-term persistence and deep system control. The malware has also been used by the **WARP PANDA** threat group during intrusions against U.S. organizations in 2025. Together, these developments underscore the need for timely patching, continuous monitoring, and sustained defensive vigilance as attackers refine and diversify their intrusion strategies.



# High Level Statistics

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Attacks  
Executed

- [XMRig](#)
- [Sliver](#)
- [PeerBlight](#)
- [EtherRAT](#)
- [UDPGangster](#)
- [MetaRAT](#)
- [Talisman PlugX](#)
- [BRICKSTORM](#)
- [Pteranodon](#)
- [GamaWiper](#)

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Vulnerabilities  
Exploited

- [CVE-2025-55182](#)
- [CVE-2024-21893](#)
- [CVE-2024-21887](#)
- [CVE-2025-62221](#)
- [CVE-2025-54100](#)
- [CVE-2025-64671](#)
- [CVE-2025-14174](#)
- [CVE-2025-8110](#)
- [CVE-2023-46805](#)
- [CVE-2024-38812](#)
- [CVE-2023-46747](#)
- [CVE-2023-34048](#)
- [CVE-2021-22005](#)
- [CVE-2025-8088](#)
- [CVE-2025-6218](#)

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Adversaries in  
Action

- [ShadyPanda](#)
- [Earth Lamia](#)
- [Jackpot Panda](#)
- [UNC5174](#)
- [MuddyWater](#)
- [WARP PANDA](#)
- [Gamaredon](#)
- [APT-C-08](#)



# Insights

Google Chrome emergency update fixes zero-day **CVE-2025-14174** and two other flaws actively exploited in the wild.

Ivanti zero-days, **CVE-2024-21893** and **CVE-2024-21887**, opened Japan's shipping networks to China-linked PlugX intrusions.

## **CVE-2025-55182 (React2Shell):**

From disclosure to domination- RCE swiftly hijacked to drop miners and backdoors.

**Microsoft Dec 2025 Patch:** 57 fixes, spotlight on actively exploited zero-day CVE-2025-62221.

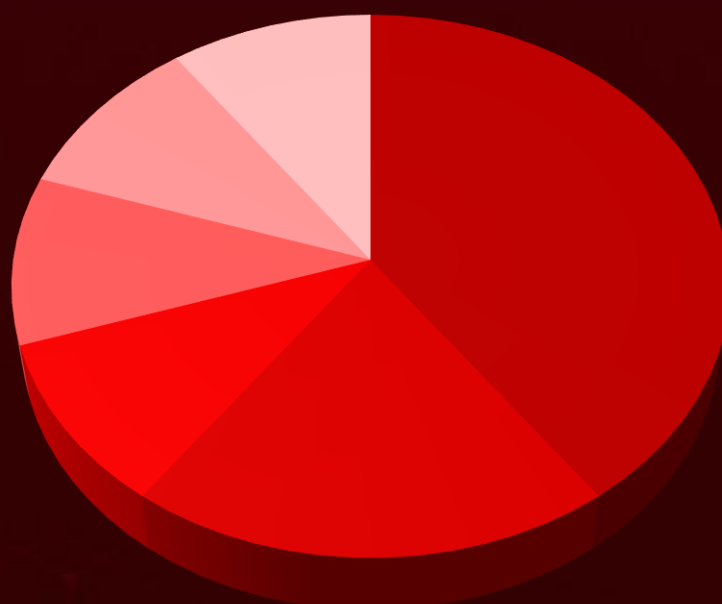
## **WARP PANDA deploys**

**BRICKSTORM**, a stealthy Go-based ELF backdoor driving China-linked intrusions into U.S. targets.

## **CVE-2025-8110:**

New Gogs zero-day enables authenticated RCE, sidesteps prior patch, and compromises over 700 instances via Supershell C2.

## Threat Distribution



■ Backdoor ■ RAT ■ Miner ■ Dropper ■ Wiper ■ Loader

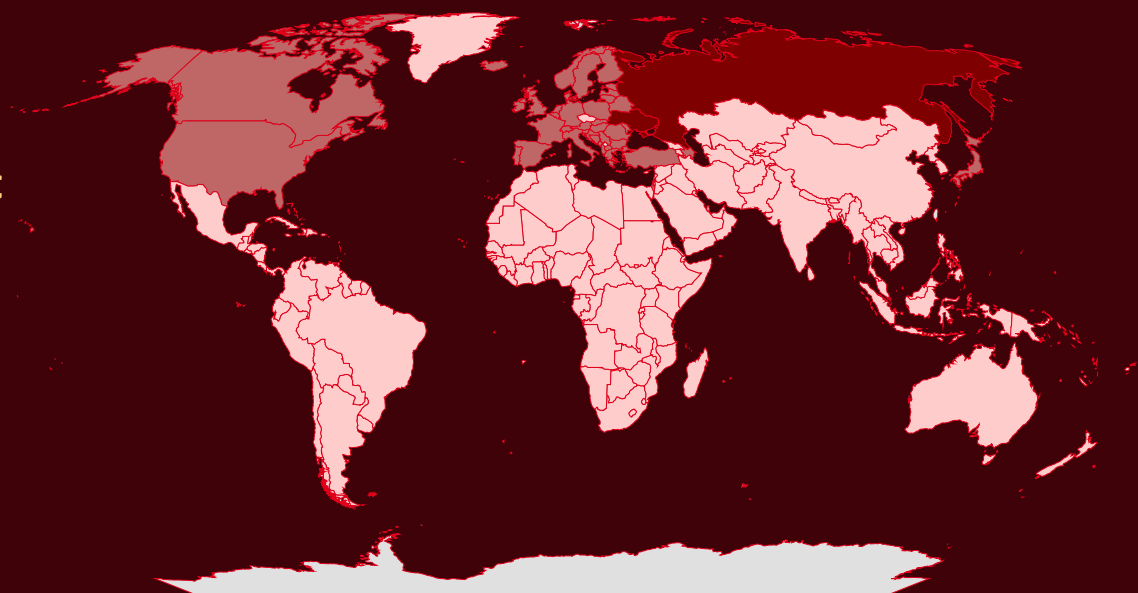


# Targeted Countries

Most



Least



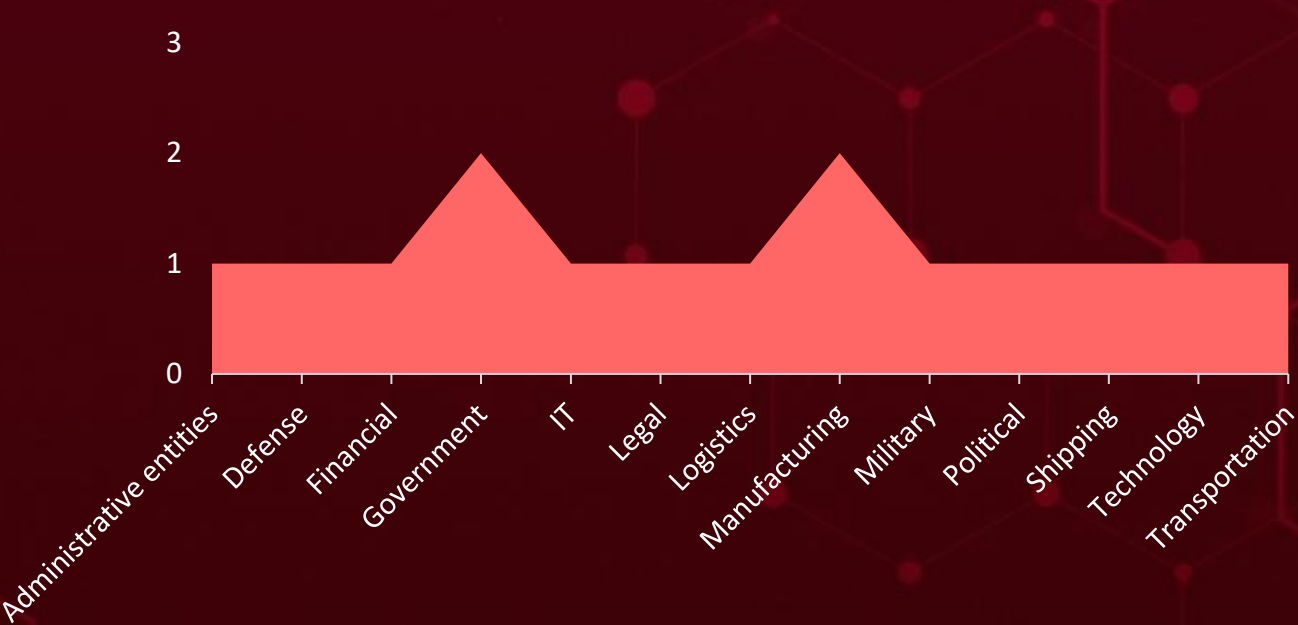
Powered by Bing

© Australian Bureau of Statistics, GeoNames, Microsoft, Navinfo, Open Places, OpenStreetMap, TomTom, Zenrin

| Countries              | Countries       | Countries           | Countries           |
|------------------------|-----------------|---------------------|---------------------|
| Russia                 | France          | Egypt               | Ghana               |
| Ukraine                | Montenegro      | Paraguay            | Niger               |
| Norway                 | Germany         | El Salvador         | Argentina           |
| Lithuania              | North Macedonia | Costa Rica          | Chad                |
| Slovenia               | Greece          | Equatorial Guinea   | Grenada             |
| Austria                | Poland          | Suriname            | Panama              |
| Monaco                 | Holy See        | Eritrea             | Guatemala           |
| Azerbaijan             | Romania         | Bahamas             | Philippines         |
| Albania                | Hungary         | Bahrain             | Guinea              |
| Belarus                | San Marino      | New Zealand         | Colombia            |
| Andorra                | Iceland         | Eswatini            | Guinea-Bissau       |
| Belgium                | Slovakia        | Pakistan            | Saint Lucia         |
| Malta                  | Ireland         | Ethiopia            | Guyana              |
| Bosnia and Herzegovina | Spain           | China               | Saudi Arabia        |
| Netherlands            | Israel          | Fiji                | Haiti               |
| Bulgaria               | Switzerland     | Congo               | Sierra Leone        |
| Portugal               | Turkey          | Bangladesh          | Belize              |
| Canada                 | United Kingdom  | Côte d'Ivoire       | Solomon Islands     |
| Serbia                 | Italy           | Barbados            | Honduras            |
| Croatia                | United States   | Sri Lanka           | South Sudan         |
| Sweden                 | Japan           | Gabon               | Benin               |
| Denmark                | Latvia          | Tajikistan          | State of Palestine  |
| Liechtenstein          | Togo            | Gambia              | Bhutan              |
| Estonia                | Rwanda          | Georgia             | Czech Republic      |
| Luxembourg             | North Korea     | Uruguay             | India               |
| Finland                | South Africa    | Antigua and Barbuda | Thailand            |
| Moldova                | Ecuador         | Barbuda             | Indonesia           |
|                        | Namibia         | Nepal               | Trinidad and Tobago |



# Targeted Industries



# TOP MITRE ATT&CK TTPs

|  |  |  |   |  |
|--|--|--|---|--|
| <b><u>T1059</u></b><br>Command and Scripting Interpreter     | <b><u>T1190</u></b><br>Exploit Public-Facing Application | <b><u>T1588.006</u></b><br>Vulnerabilities             | <b><u>T1588</u></b><br>Obtain Capabilities            | <b><u>T1071.001</u></b><br>Web Protocols           |
| <b><u>T1027</u></b><br>Obfuscated Files or Information       | <b><u>T1059.007</u></b><br>JavaScript                    | <b><u>T1071</u></b><br>Application Layer Protocol      | <b><u>T1041</u></b><br>Exfiltration Over C2 Channel   | <b><u>T1505</u></b><br>Server Software Component   |
| <b><u>T1068</u></b><br>Exploitation for Privilege Escalation | <b><u>T1082</u></b><br>System Information Discovery      | <b><u>T1036</u></b><br>Masquerading                    | <b><u>T1095</u></b><br>Non-Application Layer Protocol | <b><u>T1005</u></b><br>Data from Local System      |
| <b><u>T1189</u></b><br>Drive-by Compromise                   | <b><u>T1566</u></b><br>Phishing                          | <b><u>T1543</u></b><br>Create or Modify System Process | <b><u>T1204.002</u></b><br>Malicious File             | <b><u>T1033</u></b><br>System Owner/User Discovery |





# Attacks Executed

| NAME             | OVERVIEW  | DELIVERY METHOD                             | TARGETED CVE  |
|------------------|---|---|---|
| <u>XMRig</u>     | XMRig is a legitimate open-source cryptocurrency miner that is often embedded in malware. Threat actors use it to hijack system CPU/GPU resources for unauthorized mining. It typically runs silently to avoid detection and maximize profit. | Exploiting Vulnerability                    | CVE-2025-55182  |
|                  |   | IMPACT                                      | AFFECTED PLATFORM   |
| TYPE             |   | Resource Drain,<br>Potential for Data Theft | Meta React Server Components  |
| Miner            |   |   | PATCH LINK  |
| ASSOCIATED ACTOR |   |   | <a href="https://github.com/facebook/react/security/advisories/GHSA-fv66-9v8q-g76r">https://github.com/facebook/react/security/advisories/GHSA-fv66-9v8q-g76r</a> |
| -                |   |   |   |
| IOC TYPE         | VALUE   |   |   |
| SHA1             | 59de54c4cb7ccc1602c90d8afe2efc071751d9ae  |   |   |

| NAME             | OVERVIEW  | DELIVERY METHOD                 | TARGETED CVE  |
|------------------|---|---------------------------------|---|
| <u>Sliver</u>    | Sliver is an advanced malware framework used in cyberattacks, leveraging DLL sideloading and proxying techniques for persistence and stealth. It targets organizations, enabling data exfiltration and espionage while evading detection. | Exploiting Vulnerability        | CVE-2025-55182  |
|                  |   | IMPACT                          | AFFECTED PLATFORM   |
| TYPE             |   | Data exfiltration and Espionage | Meta React Server Components  |
| Dropper          |   |                                 | PATCH LINK  |
| ASSOCIATED ACTOR |   |                                 | <a href="https://github.com/facebook/react/security/advisories/GHSA-fv66-9v8q-g76r">https://github.com/facebook/react/security/advisories/GHSA-fv66-9v8q-g76r</a> |
| -                |   |                                 |   |
| IOC TYPE         | VALUE   |                                 |   |
| SHA256           | 2cd41569e8698403340412936b653200005c59f2ff3d39d203f433adb2687e7f,cb5524b6605af240a7385f8f875c6af0b5009d5bcba4a3cc7c3e399057c7c644   |                                 |   |

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 CVE  |
|-------------------|--|----------------------------|---|
| <u>PeerBlight</u> | PeerBlight is a Linux-based backdoor that leverages the BitTorrent DHT network as a fallback command-and-control (C2) channel, enhancing its resilience against conventional domain takedowns. Upon execution, it manipulates in-memory data to conceal its original file path and persistently masquerades its identity across system monitoring tools. | Exploiting Vulnerability   | CVE-2025-55182  |
|                   |  | IMPACT                     | AFFECTED PRODUCT  |
|                   |  | Unauthorized remote access | Meta React Server Components  |
|                   |  |                            | PATCH LINK  |
| TYPE              |  |                            |   |
| Backdoor          |  |                            |   |
| ASSOCIATED ACTOR  |  |                            |   |
| -                 |  |                            | <a href="https://github.com/facebook/react/security/advisories/GHSA-fv66-9v8q-g76r">https://github.com/facebook/react/security/advisories/GHSA-fv66-9v8q-g76r</a> |
| IOC TYPE          | VALUE  |                            |   |
| SHA256            | a605a70d031577c83c093803d11ec7c1e29d2ad530f8e95d9a729c3818c7050d   |                            |   |

| NAME             | OVERVIEW  | DELIVERY METHOD          | TARGETED CVE  |
|------------------|---|--------------------------|---|
| <u>EtherRAT</u>  | EtherRAT uses Ethereum smart contracts to resolve its command-and-control (C2) infrastructure, reducing the effectiveness of traditional domain or IP blocking. It deploys multiple Linux persistence mechanisms and downloads a legitimate Node.js runtime to evade detection. | Exploiting Vulnerability | CVE-2025-55182  |
|                  |   | IMPACT                   | AFFECTED PRODUCT  |
|                  |   |                          | Meta React Server Components  |
|                  |   |                          | PATCH LINK  |
| TYPE             |   |                          | <a href="https://github.com/facebook/react/security/advisories/GHSA-fv66-9v8q-g76r">https://github.com/facebook/react/security/advisories/GHSA-fv66-9v8q-g76r</a> |
| Backdoor         |   |                          |   |
| ASSOCIATED ACTOR |   |                          |   |
| -                |   |                          |   |
| IOC TYPE         | VALUE   |                          |   |
| IPv4:PORT        | 193[.]24[.]123[.]68[:]:3001   |                          |   |

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 CVE      |
|--------------------|--|---|-------------------|
| <u>UDPGangster</u> | UDPGangster is a stealthy UDP-based backdoor used in MuddyWater’s latest espionage campaigns. Once activated, it quietly deploys itself, evades virtual analysis, and collects system details while hiding behind decoy images and layered obfuscation. The malware establishes persistence, communicates with its C2 server over UDP, and supports commands for file theft, remote execution, and payload delivery. | Phishing                                  | -                 |
|                    |  | IMPACT                                    | AFFECTED PRODUCT  |
| TYPE               |  | Stealthy long-term persistence, Espionage | Microsoft Windows |
| Backdoor           |  |   | PATCH LINK        |
| ASSOCIATED ACTOR   |  |   |                   |
| MuddyWater         |  |   | -                 |
| IOC TYPE           | VALUE  |   |                   |
| SHA256             | 028dcda69ba17f9c0d492fe2e0aa0b1bbb5154266c52840bd49f51ce11c934d4, 863f94873b7535f49a03784abf74a8a29b792b97dad5361a379c7ae29d0ba4c, a35e0fccee6d9cf10a806c5134a85a1dad5301312bbd9ae92af2fe1fbb77d24   |   |                   |

| NAME             | OVERVIEW   | DELIVERY METHOD  | TARGETED CVE                     |
|------------------|--|--|----------------------------------|
| <u>MetaRAT</u>   | MetaRAT is a modernized iteration featuring enhanced obfuscation, modularity, and encrypted C2 communications. It relies on DLL side-loading, custom shellcode, layered decryption, and reflective loading to unpack itself directly into memory. The malware supports multiple communication protocols. | Exploiting Vulnerabilities   | CVE-2024-21893<br>CVE-2024-21887 |
|                  |  | IMPACT   | AFFECTED PRODUCT                 |
| TYPE             |  | Ivanti Connect Secure  |                                  |
| RAT              |  | PATCH LINK   |                                  |
| ASSOCIATED ACTOR |  | <a href="https://forums.ivanti.com/s/article/CVE-2024-21888-Privilege-Escalation-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure?language=en_US">https://forums.ivanti.com/s/article/CVE-2024-21888-Privilege-Escalation-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure?language=en_US</a> ,<br><a href="https://forums.ivanti.com/s/article/CVE-2023-46805-Authentication-Bypass-CVE-2024-21887-Command-Injection-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure-Gateways?language=en_US">https://forums.ivanti.com/s/article/CVE-2023-46805-Authentication-Bypass-CVE-2024-21887-Command-Injection-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure-Gateways?language=en_US</a> |                                  |
| -                |  |  |                                  |
| IOC TYPE         | VALUE  |  |                                  |
| SHA256           | aba6f7611291433983ba9c65654b04745a050530329d3ad329cc859c1ce12c44   |  |                                  |

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 CVE   |
|-----------------------|---|--|--|
| <u>Talisman PlugX</u> | Talisman PlugX is a side-loading variant capable of executing multiple plugins for tasks such as keylogging, file manipulation, and command execution. It follows an execution flow, loading an encrypted payload, decrypting and decompressing embedded components, and injecting itself into legitimate processes to blend into normal system activity. | Exploiting Vulnerabilities                 | CVE-2024-21893<br>CVE-2024-21887   |
|                       |   | IMPACT                                     | AFFECTED PRODUCT   |
| TYPE                  |   | Credential theft,<br>Long-term persistence | Ivanti Connect Secure  |
| RAT                   |   |  | PATCH LINK   |
| ASSOCIATED ACTOR      |   |  | <a href="https://forums.ivanti.com/s/article/CVE-2024-21888-Privilege-Escalation-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure?language=en_US">https://forums.ivanti.com/s/article/CVE-2024-21888-Privilege-Escalation-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure?language=en_US</a> ,<br><a href="https://forums.ivanti.com/s/article/CVE-2023-46805-Authentication-Bypass-CVE-2024-21887-Command-Injection-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure-Gateways?language=en_US">https://forums.ivanti.com/s/article/CVE-2023-46805-Authentication-Bypass-CVE-2024-21887-Command-Injection-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure-Gateways?language=en_US</a> |
|                       | -   |  |  |
| IOC TYPE              | VALUE   |  |  |
| SHA256                | 78c3eb67fdc59fd09cba6388d6e31c428ed3c227f04b9cd739e8c36a8f1a182e  |  |  |

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 CVE                              |
|-------------------|---|----------------------------|---|
| <u>BRICKSTORM</u> | BRICKSTORM is a Go-based ELF backdoor built for stealth, durability, and deep system control. It begins by performing integrity and environment checks, then anchors itself with a self-monitoring mechanism that automatically reinstalls or restarts if interrupted. The malware configures environment variables to match the compromised host, enabling stable operation. | Exploiting vulnerabilities | CVE-2023-46805<br>CVE-2024-21887          |
|                   |   | IMPACT                     | AFFECTED PRODUCTS                         |
|                   |   | Stable long-term foothold  | Ivanti, VMware, F5 BIG-IP, VMware vCenter |
|                   |   |                            | PATCH LINK                                |
|                   |   |                            | -   |
| TYPE              |   |                            |   |
| Backdoor          |   |                            |   |
| ASSOCIATED ACTOR  |   |                            |   |
| WARP PANDA        |   |                            |   |
| IOC TYPE          | VALUE   |                            |   |
| SHA256            | aaf5569c8e349c15028bc3fac09eb982efb06eabac955b705a6d447263658e38, 013211c56caaa697914b5b5871e4998d0298902e336e373ebb27b7db30917eaf, 57bd98dbb5a00e54f07ffacda1fea91451a0c0b532cd7d570e98ce2ff741c21d  |                            |   |



| NAME              | OVERVIEW   | DELIVERY METHOD                        | TARGETED CVEs   |
|-------------------|--|--|---|
| <u>Pteranodon</u> | Pteranodon acts as the core loader in a multi-stage infection chain, enabling long-term espionage, internal movement, and data theft through a resilient C2 setup. | Exploiting vulnerabilities             | CVE-2025-8088   |
|                   |  | IMPACT                                 | AFFECTED PRODUCT  |
|                   |  | Long-term espionage, Data exfiltration | RARLAB WinRAR   |
|                   |  |  | PATCH LINK  |
|                   |  |  | <a href="https://www.win-rar.com/download.html?&amp;L=0">https://www.win-rar.com/download.html?&amp;L=0</a> |
| TYPE              |  |  |   |
| Loader            |  |  |   |
| ASSOCIATED ACTOR  |  |  |   |
| Gamaredon         |  |  |   |
| IOC TYPE          | VALUE  |  |   |
| SHA256            | 18b2956ceea0e45e2183dc1590fb306f9431943ed612e110af508d819d2ffd67, f08ea988890f33b18ae15d6d3466be0d60e974dece876450f16a0c82bf8469a7                                 |  |   |




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 CVE  |
|------------------|--|----------------------------|---|
| <u>GamaWiper</u> | Gamawiper is a newly discovered destructive malware. Once executed, it systematically overwrites files and corrupts the Master Boot Record (MBR), rendering the infected system unbootable and data unrecoverable. Gamawiper is designed solely to permanently destroy data. | Exploiting vulnerabilities | CVE-2025-8088   |
|                  |  | IMPACT                     | AFFECTED PRODUCT  |
| TYPE             |  | Data Destruction           | RARLAB WinRAR   |
| Wiper            |  |                            | PATCH LINK  |
| ASSOCIATED ACTOR |  |                            |   |
| Gamaredon        |  |                            | <a href="https://www.win-rar.com/download.html?&amp;L=0">https://www.win-rar.com/download.html?&amp;L=0</a> |
| IOC TYPE         | VALUE  |                            |   |
| SHA256           | d4ce4776bdad9b741a1e8345b41737245b80f4cf8d361ebb1ae5415c7a4fe1eb, 9a39423ec90dc06a3058279cd744c08d83252d1c7096633b9853e435cc205755   |                            |   |

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 PRODUCT  | ASSOCIATED ACTORS   |
|---|---|---|---|
| <u>CVE-2025-55182</u>   | React2Shell   | react-server-dom-webpack,<br>react-server-dom-parcel,<br>react-server-dom-turbopack<br>versions: 19.0.0, 19.1.0,<br>19.1.1, 19.2.0 Next.js<br>versions: 14.3.0-canary.77+,<br>15.x, 16.x (before 16.0.7)<br>React Router, Waku,<br>RedwoodSDK, @parcel/rsc,<br>@vitejs/plugin-rsc | Earth Lamia, Jackpot<br>Panda and UNC5174   |
|   | ZERO-DAY  |   |   |
|   |    | AFFECTED CPE  | ASSOCIATED<br>ATTACKS/RANSOMWARE  |
| NAME  | CISA KEV  | cpe:2.3:a:facebook:react:*:*<br>:*:*:*:*<br>cpe:2.3:a:vercel:next.js:*:*:*<br>:*:*:node.js:*:*<br>cpe:2.3:a:remix:react_router<br>:*:*:*  | XMRRig, Sliver, PeerBlight<br>and EtherRAT  |
| Meta React<br>Server<br>Components<br>Remote Code<br>Execution<br>Vulnerability |  |   |   |
|   | CWE ID  | ASSOCIATED TTPs   | PATCH LINK  |
|   | CWE-502   | T1190: Exploit Public-Facing<br>Application, T1059.007:<br>JavaScript, T1059: Command<br>and Scripting Interpreter  | <a href="https://github.com/facebook/react/security/advisories/GHSA-fv66-9v8q-g76r">https://github.com/facebook/react/security/advisories/GHSA-fv66-9v8q-g76r</a> |




| CVE ID   | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT  | ASSOCIATED ACTORS   |
|--|---|---|---|
| <u>CVE-2024-21893</u>  |  | Pulse Connect Secure: Version 9.x and 22.x, Pulse Policy Secure: Version 9.x and 22.x, ZTA gateways: Version 9.x and 22.x | -   |
|  | ZERO-DAY  |   |   |
|  |  | AFFECTED CPE  | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME   | CISA KEV  | cpe:2.3:a:ivanti:connect_secure:*:*:*:*:*<br>cpe:2.3:a:ivanti:policy_secure:*:*:*:*:*:*                                   | MetaRAT, Talisman PlugX   |
| Ivanti Connect Secure, Policy Secure, and Neurons Server-Side Request Forgery (SSRF) Vulnerability |  |   |   |
|  | CWE ID  | ASSOCIATED TTPs   | PATCH LINK  |
|  | CWE-918   | T1068: Exploitation for Privilege Escalation  | <a href="https://forums.ivanti.com/s/article/CVE-2024-21888-Privilege-Escalation-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure?language=en_US">https://forums.ivanti.com/s/article/CVE-2024-21888-Privilege-Escalation-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure?language=en_US</a> |




| CVE ID  | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT  | ASSOCIATED ACTORS   |
|---|---|---|---|
| <u>CVE-2024-21887</u>   |  | Ivanti Connect Secure and Policy Secure   | WARP PANDA  |
|   | ZERO-DAY  |   |   |
|   |  | AFFECTED CPE  | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME  | CISA KEV  | cpe:2.3:a:ivanti:connect_secure:*:*:*:*:*:*<br>cpe:2.3:a:ivanti:policy_secure:*:*:*:*:*:* | MetaRAT, Talisman PlugX, BRICKSTORM Backdoor  |
| Ivanti Connect Secure and Policy Secure Command Injection Vulnerability |  |   |   |
|   | CWE ID  | ASSOCIATED TTPs   | PATCH LINK  |
|   | CWE-77  | T1059: Command and Scripting Interpreter;<br>T1133: External Remote Service               | <a href="https://forums.ivanti.com/s/article/CVE-2023-46805-Authentication-Bypass-CVE-2024-21887-Command-Injection-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure-Gateways?language=en_US">https://forums.ivanti.com/s/article/CVE-2023-46805-Authentication-Bypass-CVE-2024-21887-Command-Injection-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure-Gateways?language=en_US</a> |










| CVE ID  | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT  | ASSOCIATED ACTORS   |
|---|---|---|---|
| <u>CVE-2025-62221</u>   |  | Windows Server 2022, 2025; Windows 11 Version 25H2; Windows 10 Version 1809 | -   |
|   | ZERO-DAY  |   |   |
|   |  | AFFECTED CPE  | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME  | CISA KEV  | cpe:2.3:o:microsoft:windows_server:*:*:*:*:*:*                              | -   |
| Windows Cloud Files Mini Filter Driver Elevation of Privilege Vulnerability |  | cpe:2.3:o:microsoft:windows.*:*:*:*:*:*                                     |   |
|   | CWE ID  | ASSOCIATED TTPs   | PATCH LINK  |
|   | CWE-416   | T1068: Exploitation for Privilege Escalation                                | <a href="https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2025-62221">https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2025-62221</a> |




| CVE ID   | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT  | ASSOCIATED ACTORS   |
|--|---|---|---|
| <u>CVE-2025-54100</u>                          |  | Windows Server 2025, 2012, 2008, 2016; Windows 10 Version 1607  | -   |
|  | ZERO-DAY  |   |   |
|  |  | AFFECTED CPE  | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME   | CISA KEV  | cpe:2.3:o:microsoft:windows_server:*:*:*:*:*:*                  | -   |
| PowerShell Remote Code Execution Vulnerability |  | cpe:2.3:o:microsoft:windows.*:*:*:*:*:*                         |   |
|  | CWE ID  | ASSOCIATED TTPs   | PATCH LINK  |
|  | CWE-77  | T1059.001: PowerShell, T1059: Command and Scripting Interpreter | <a href="https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2025-54100">https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2025-54100</a> |




| CVE ID   | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT   | ASSOCIATED ACTORS   |
|--|---|--|---|
| <u>CVE-2025-64671</u>  |  | GitHub Copilot Plugin for JetBrains IDEs                 | -   |
|  | ZERO-DAY  |  |   |
|  |  | AFFECTED CPE   | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME   | CISA KEV  | cpe:2.3:a:microsoft:github_copilot:*:*:*:*:jetbrains:*:* | -   |
| GitHub Copilot for JetBrains Remote Code Execution Vulnerability |  |  |   |
|  | CWE ID  | ASSOCIATED TTPs  | PATCH LINK  |
|  | CWE-77  | T1059: Command and Scripting Interpreter                 | <a href="https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2025-64671">https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2025-64671</a> |




| CVE ID  | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT   | ASSOCIATED ACTORS   |
|---|---|--|---|
| <u>CVE-2025-14174</u>                                     |  | Google Chrome prior 143.0.7499.109 (Linux), BEFORE 143.0.7499.109/.110 (Windows/Mac) | -   |
|   | ZERO-DAY  |  |   |
|   |  | AFFECTED CPE   | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME  | CISA KEV  | cpe:2.3:a:google:chrome:*:*:*:*:*:*  | -   |
| Google Chromium Out of Bounds Memory Access Vulnerability |  |  |   |
|   | CWE ID  | ASSOCIATED TTPs  | PATCH LINK  |
|   | CWE-122   | T1203: Exploitation for Client Execution, T1059: Command and Scripting Interpreter   | <a href="https://chromereleases.googleblog.com/2025/12/stable-channel-update-for-desktop_10.html">https://chromereleases.googleblog.com/2025/12/stable-channel-update-for-desktop_10.html</a> |




| CVE ID  | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT   | ASSOCIATED ACTORS   |
|---|---|--|---|
| <u>CVE-2025-8110</u>                                    |  | Gogs (Prior to 0.13.4, all versions through 0.13.3)  | -   |
|   | ZERO-DAY  |  |   |
|   |  | AFFECTED CPE   | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME  | CISA KEY  | cpe:2.3:a:gogs:gogs:*:*:*:*:*:*:*  | -   |
| Gogs Symlink Bypass Remote Code Execution Vulnerability |  |  |   |
|   | CWE ID  | ASSOCIATED TTPs  | PATCH LINK  |
|   | CWE-22  | T1190: Exploit Public-Facing Application, T1059: Command and Scripting Interpreter, T1505: Server Software Component |  |




| CVE ID  | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT  | ASSOCIATED ACTORS   |
|---|---|---|---|
| <u>CVE-2023-46805</u>   |  | Ivanti Connect Secure and Policy Secure   | WARP PANDA  |
|   | ZERO-DAY  |   |   |
|   |  | AFFECTED CPE  | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME  | CISA KEY  | cpe:2.3:a:ivanti:connect_secure:*:*:*:*:*:*<br>cpe:2.3:a:ivanti:policy_secure:*:*:*:*:*:* | BRICKSTORM  |
| Ivanti Connect Secure and Policy Secure Authentication Bypass Vulnerability |  |   |   |
|   | CWE ID  | ASSOCIATED TTPs   | PATCH LINK  |
|   | CWE-287   | T1190: Exploit Public-Facing Application, T1040: Network Sniffing                         | <a href="https://forums.ivanti.com/s/article/CVE-2023-46805-Authentication-Bypass-CVE-2024-21887-Command-Injection-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure-Gateways?language=en_US">https://forums.ivanti.com/s/article/CVE-2023-46805-Authentication-Bypass-CVE-2024-21887-Command-Injection-for-Ivanti-Connect-Secure-and-Ivanti-Policy-Secure-Gateways?language=en_US</a> |




| CVE ID  | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT  | ASSOCIATED ACTORS   |
|---|---|---|---|
| <u>CVE-2024-38812</u>                             |  | VMware vCenter Server: 7.0 - 8.0, VMware Cloud Foundation: 4.x - 5.1.x      | WARP PANDA  |
|   | ZERO-DAY  |   |   |
|   |  | AFFECTED CPE  | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME  | CISA KEV  | cpe:2.3:a:vmware:vcenter_server:*:*:*:*:*:*                                 | -   |
| VMware vCenter Server Heap-Overflow Vulnerability |  | cpe:2.3:a:vmware:cloud_foundation:*:*:*:*:*:*                               |   |
|   | CWE ID  | ASSOCIATED TTPs   | PATCH LINK  |
|   | CWE-122   | T1574: Hijack Execution Flow, T1021.003: Distributed Component Object Model | <a href="https://support.broadcom.com/web/ecx/support-content-notification/-/external/content/SecurityAdvisories/0/24968">https://support.broadcom.com/web/ecx/support-content-notification/-/external/content/SecurityAdvisories/0/24968</a> |

| CVE ID  | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT                                      | ASSOCIATED ACTORS   |
|---|---|---|---|
| <u>CVE-2023-46747</u>   |  | F5 BIG-IP Configuration Utility                       | WARP PANDA  |
|   | ZERO-DAY  |   |   |
|   |  | AFFECTED CPE  | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME  | CISA KEV  | cpe:2.3:a:f5:big-ip_access_policy_manager:*:*:*:*:*:* | -   |
| F5 BIG-IP Configuration Utility Authentication Bypass Vulnerability |  |   |   |
|   | CWE ID  | ASSOCIATED TTPs                                       | PATCH LINK  |
|   | CWE-306<br>CWE-288  | T1190: Exploit Public-Facing Application              | <a href="https://my.f5.com/manage/s/article/K000137353">https://my.f5.com/manage/s/article/K000137353</a> |


| CVE ID  | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT                            | ASSOCIATED ACTORS   |
|---|---|---|---|
| <u>CVE-2023-34048</u>                                   |  | VMware vCenter Server                       | WARP PANDA  |
|   | ZERO-DAY  |   |   |
|   |  | AFFECTED CPE                                | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME  | CISA KEV  | cpe:2.3:a:vmware:vcenter_server:*:*:*:*:*:* | -   |
| VMware vCenter Server Out-of-Bounds Write Vulnerability |  |   |   |
|   | CWE ID  | ASSOCIATED TTPs                             | PATCH LINK  |
|   | CWE-787   | T1059: Command and Scripting Interpreter    | <a href="https://support.broadcom.com/web/ecx/support-content-notification/-/external/content/SecurityAdvisories/0/23677">https://support.broadcom.com/web/ecx/support-content-notification/-/external/content/SecurityAdvisories/0/23677</a> |

| CVE ID  | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT   | ASSOCIATED ACTORS   |
|---|---|--|---|
| <u>CVE-2021-22005</u>                           |  | VMware vCenter Server: 6.7 - 7.0.0   | WARP PANDA  |
|   | ZERO-DAY  |  |   |
|   |  | AFFECTED CPE   | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME  | CISA KEV  | cpe:2.3:a:vmware:cloud_foundation:*:*:*:*:*:*<br>cpe:2.3:a:vmware:vcenter_server:*:*:*:*:*:*     | -   |
| VMware vCenter Server File Upload Vulnerability |  |  |   |
|   | CWE ID  | ASSOCIATED TTPs  | PATCH LINK  |
|   | CWE-22  | T1505.003: Web Shell, T1505: Server Software Component, T1059: Command and Scripting Interpreter | <a href="https://support.broadcom.com/web/ecx/support-content-notification/-/external/content/SecurityAdvisories/0/23611">https://support.broadcom.com/web/ecx/support-content-notification/-/external/content/SecurityAdvisories/0/23611</a> |


| CVE ID                                     | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT   | ASSOCIATED ACTORS   |
|--|---|--|---|
| <u>CVE-2025-8088</u>                       |  | WinRAR versions before 7.13  | Gamaredon   |
|  | ZERO-DAY  |  |   |
|  |  | AFFECTED CPE   | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME                                       | CISA KEV  | cpe:2.3:a:rarlab:winrar:*:*:*:*:*:*  | Pteranodon, GamaWiper   |
| RARLAB WinRAR Path Traversal Vulnerability |  |  |   |
|  | CWE ID  | ASSOCIATED TTPs  | PATCH LINK  |
|  | CWE-35  | T1204: User Execution, T1204.002: Malicious File, T1059: Command and Scripting Interpreter | <a href="https://www.winrar.com/download.html?&amp;L=0">https://www.winrar.com/download.html?&amp;L=0</a> |


| CVE ID  | CELEBRITY VULNERABILITY   | AFFECTED PRODUCT   | ASSOCIATED ACTORS   |
|---|---|--|---|
| <u>CVE-2025-6218</u>  |  | WinRAR Version Prior to 7.12   | APT-C-08  |
|   | ZERO-DAY  |  |   |
|   |  | AFFECTED CPE   | ASSOCIATED ATTACKS/RANSOMWARE   |
| NAME  | CISA KEV  | cpe:2.3:a:rarlab:winrar:*:*:*:*:*:*  | -   |
| RARLAB WinRAR Directory Traversal Remote Code Execution Vulnerability |  |  |   |
|   | CWE ID  | ASSOCIATED TTPs  | PATCH LINK  |
|   | CWE-22  | T1204: User Execution, T1204.002: Malicious File, T1059: Command and Scripting Interpreter | <a href="https://www.winrar.com/download.html?&amp;L=0">https://www.winrar.com/download.html?&amp;L=0</a> |


# Adversaries in Action


| NAME   | ORIGIN   | TARGETED INDUSTRIES                   | TARGETED REGIONS        |
|--|--|---------------------------------------|-------------------------|
| <br><u>ShadyPanda</u>   | China  | All                                   | Worldwide               |
|  | <b>MOTIVE</b>                                    |                                       |                         |
|  | Information theft, Financial gain, and Espionage |                                       |                         |
|  | <b>TARGETED CVE</b>                              | <b>ASSOCIATED ATTACKS/RANSOM WARE</b> | <b>AFFECTED PRODUCT</b> |
|  | -  | -                                     | Chrome, Edge            |
| <b>TTPs</b>  |  |                                       |                         |
| TA0001: Initial Access; TA0002: Execution; TA0003: Persistence; TA0005: Defense Evasion; TA0007: Discovery; TA0009: Collection; TA0011: Command and Control; TA0010: Exfiltration; T1189: Drive-by Compromise; T1176: Software Extensions; T1176.001: Browser Extensions; T1059: Command and Scripting Interpreter; T1059.007: JavaScript; T1027: Obfuscated Files or Information; T1480: Execution Guardrails; T1036: Masquerading; T1539: Steal Web Session Cookie; T1185: Browser Session Hijacking; T1005: Data from Local System; T1056: Input Capture; T1056.004: Credential API Hooking; T1041: Exfiltration Over C2 Channel; T1217: Browser Information Discovery; T1567: Exfiltration Over Web Service; T1071: Application Layer Protocol; T1071.001: Web Protocols; T1573: Encrypted Channel; T1557: Adversary-in-the-Middle |  |                                       |                         |



| NAME   | ORIGIN                          | TARGETED INDUSTRIES            | TARGETED REGIONS             |
|--|---------------------------------|--------------------------------|------------------------------|
| <div></div> <div>Earth Lamia</div>  | China                           | All                            | Worldwide                    |
|  | MOTIVE                          |                                |                              |
|  | Information theft and espionage |                                |                              |
|  | TARGETED CVE                    | ASSOCIATED ATTACKS/RANSOM WARE | AFFECTED PRODUCT             |
|  | CVE-2025-55182                  | -                              | Meta React Server Components |
| TTPs   |                                 |                                |                              |
| TA0010: Exfiltration; TA0042 : Resource Development; TA0001: Initial Access; TA0002: Execution; TA0005: Defense Evasion; TA0040: Impact; TA0009: Collection; TA0011: Command and Control; TA0003: Persistence; TA0007: Discovery; TA0006: Credential Access; T1505: Server Software Component; T1068: Exploitation for Privilege Escalation; T1588.005: Exploits; T1588.006: Vulnerabilities; T1588: Obtain Capabilities; T1190: Exploit Public-Facing Application; T1059.007: JavaScript; T1059.004: Unix Shell; T1059: Command and Scripting Interpreter; T1082: System Information Discovery; T1057 : Process Discovery; T1083: File and Directory Discovery; T1105: Ingress Tool Transfer; T1041: Exfiltration Over C2 Channel; T1071: Application Layer Protocol; T1071.001: Web Protocols; T1496: Resource Hijacking; T1567: Exfiltration Over Web Service; T1036: Masquerading; T1505.003: Web Shell; T1053: Scheduled Task/Job; T1552.001: Credentials In Files; T1552: Unsecured Credentials; T1102: Web Service; T1053.003: Cron |                                 |                                |                              |

| NAME   | ORIGIN                          | TARGETED INDUSTRIES            | TARGETED REGIONS             |
|--|---------------------------------|--------------------------------|------------------------------|
| <div></div> <div><u>Jackpot Panda</u></div>   | China                           | All                            | Worldwide                    |
|  | MOTIVE                          |                                |                              |
|  | Information theft and espionage |                                |                              |
|  | TARGETED CVE                    | ASSOCIATED ATTACKS/RANSOM WARE | AFFECTED PRODUCT             |
|  | CVE-2025-55182                  | -                              | Meta React Server Components |
| TTPs   |                                 |                                |                              |
| TA0010: Exfiltration; TA0042 : Resource Development; TA0001: Initial Access; TA0002: Execution; TA0005: Defense Evasion; TA0040: Impact; TA0009: Collection; TA0011: Command and Control; TA0003: Persistence; TA0007: Discovery; TA0006: Credential Access; T1505: Server Software Component; T1068: Exploitation for Privilege Escalation; T1588.005: Exploits; T1588.006: Vulnerabilities; T1588: Obtain Capabilities; T1190: Exploit Public-Facing Application; T1059.007: JavaScript; T1059.004: Unix Shell; T1059: Command and Scripting Interpreter; T1082: System Information Discovery; T1057 : Process Discovery; T1083: File and Directory Discovery; T1105: Ingress Tool Transfer; T1041: Exfiltration Over C2 Channel; T1071: Application Layer Protocol; T1071.001: Web Protocols; T1496: Resource Hijacking; T1567: Exfiltration Over Web Service; T1036: Masquerading; T1505.003: Web Shell; T1053: Scheduled Task/Job; T1552.001: Credentials In Files; T1552: Unsecured Credentials; T1102: Web Service; T1053.003: Cron |                                 |                                |                              |

| NAME   | ORIGIN                    | TARGETED INDUSTRIES                   | TARGETED REGIONS             |
|--|---------------------------|---------------------------------------|------------------------------|
| <br><br><u>UNC5174 (aka Uteus, CL-STA-1015)</u>   | China                     | All                                   | Worldwide                    |
|  | <b>MOTIVE</b>             |                                       |                              |
|  | Financial gain, Espionage |                                       |                              |
|  | <b>TARGETED CVE</b>       | <b>ASSOCIATED ATTACKS/RANSOM WARE</b> | <b>AFFECTED PRODUCT</b>      |
|  | CVE-2025-55182            | -                                     | Meta React Server Components |
| <b>TTPs</b>  |                           |                                       |                              |
| TA0010: Exfiltration; TA0042 : Resource Development; TA0001: Initial Access; TA0002: Execution; TA0005: Defense Evasion; TA0040: Impact; TA0009: Collection; TA0011: Command and Control; TA0003: Persistence; TA0007: Discovery; TA0006: Credential Access; T1505: Server Software Component; T1068: Exploitation for Privilege Escalation; T1588.005: Exploits; T1588.006: Vulnerabilities; T1588: Obtain Capabilities; T1190: Exploit Public-Facing Application; T1059.007: JavaScript; T1059.004: Unix Shell; T1059: Command and Scripting Interpreter; T1082: System Information Discovery; T1057 : Process Discovery; T1083: File and Directory Discovery; T1105: Ingress Tool Transfer; T1041: Exfiltration Over C2 Channel; T1071: Application Layer Protocol; T1071.001: Web Protocols; T1496: Resource Hijacking; T1567: Exfiltration Over Web Service; T1036: Masquerading; T1505.003: Web Shell; T1053: Scheduled Task/Job; T1552.001: Credentials In Files; T1552: Unsecured Credentials; T1102: Web Service; T1053.003: Cron |                           |                                       |                              |

| NAME  | ORIGIN                          | TARGETED INDUSTRIES                  | TARGETED REGIONS           |
|---|---------------------------------|--------------------------------------|----------------------------|
|  <p><u>MuddyWater (aka Seedworm, TEMP.Zagros, Static Kitten, Mercury, TA450, Cobalt Ulster, ATK 51, T-APT-14, ITG17, Mango Sandstorm, Boggy Serpens, Yellow Nix, G0069)</u></p>  | Iran                            | All                                  | Turkey, Israel, Azerbaijan |
|   | <b>MOTIVE</b>                   |                                      |                            |
|   | Information theft and espionage |                                      |                            |
|   | <b>TARGETED CVE</b>             | <b>ASSOCIATED ATTACKS/RANSOMWARE</b> | <b>AFFECTED PRODUCT</b>    |
|   | -                               | UDPGangster                          | Microsoft Windows          |
| <b>TTPs</b>   |                                 |                                      |                            |
| TA0001: Initial Access; TA0002: Execution; TA0003: Persistence; TA0005: Defense Evasion; TA0007: Discovery; TA0010: Exfiltration; TA0011: Command and Control; T1566: Phishing; T1566.001: Spearphishing Attachment; T1059: Command and Scripting Interpreter; T1059.003: Windows Command Shell; T1204: User Execution; T1204.002: Malicious File; T1547: Boot or Logon Autostart Execution; T1547.001: Registry Run Keys / Startup Folder; T1497: Virtualization/Sandbox Evasion; T1027: Obfuscated Files or Information; T1036: Masquerading; T1082: System Information Discovery; T1033: System Owner/User Discovery; T1095: Non-Application Layer Protocol; T1105: Ingress Tool Transfer; T1005: Data from Local System; T1041: Exfiltration Over C2 Channel; T1083: File and Directory Discovery |                                 |                                      |                            |

| NAME  | ORIGIN   | TARGETED INDUSTRIES                              | TARGETED REGIONS                                    |
|---|--|--|---|
| <br><b>WARP PANDA</b>  | China  | Government, IT, Legal, Technology, Manufacturing | United States                                       |
|   | <b>MOTIVE</b>  |  |   |
|   | Espionage, Information Theft   |  |   |
|   | <b>TARGETED CVE</b>  | <b>ASSOCIATED ATTACKS/RANSOM WARE</b>            | <b>AFFECTED PRODUCT</b>                             |
|   | CVE-2024-21887<br>CVE-2023-46805<br>CVE-2024-38812<br>CVE-2023-46747<br>CVE-2023-34048<br>CVE-2021-22005 | BRICKSTORM Backdoor                              | Ivanti Connect Secure and Policy, VMware, F5 BIG-IP |
| <b>TTPs</b>   |  |  |   |
| TA0042: Resource Development; TA0001: Initial Access; TA0002: Execution; TA0003: Persistence; TA0004: Privilege Escalation; TA0005: Defense Evasion; TA0006: Credential Access; TA0007: Discovery; TA0008: Lateral Movement; TA0009: Collection; TA0010: Exfiltration; TA0011: Command and Control; T1037: Boot or Logon Initialization Scripts; T1574: Hijack Execution Flow; T1574.007: Path Interception by PATH Environment Variable; T1505: Server Software Component; T1505.003: Web Shell; T1548: Abuse Elevation Control Mechanism; T1548.003: Sudo and Sudo Caching; T1036: Masquerading; T1078: Valid Accounts; T1083: File and Directory Discovery; T1003: OS Credential Dumping; T1003.003: NTDS; T1071: Application Layer Protocol; T1071.001: Web Protocols; T1105: Ingress Tool Transfer; T1090: Proxy; T1090.001: Internal Proxy; T1041: Exfiltration Over C2 Channel; T1583: Acquire Infrastructure; T1583.001: Domains; T1583.003: Virtual Private Server; T1583.007: Serverless; T1584: Compromise Infrastructure; T1584.008: Network Devices; T1588: Obtain Capabilities; T1588.001: Malware; T1608: Stage Capabilities; T1608.003: Install Digital Certificate; T1190: Exploit Public-Facing Application; T1078.004: Cloud Accounts; T1078.001: Default Accounts; T1098.001: Additional Cloud Credentials; T1036.004: Masquerade Task or Service; T1070.004: File Deletion; T1070.006: Timestamp; T1564.006: Run Virtual Instance; T1021.004: SSH; T1550.001: Application Access Token; T1114.002: Remote Email Collection; T1213: Data from Information Repositories; T1213.002: Sharepoint; T1530: Data from Cloud Storage; T1560.001: Archive via Utility; T1071.004: DNS; T1090.003: Multi-hop Proxy; T1095: Non-Application Layer Protocol; T1572: Protocol Tunneling; T1573.002: Asymmetric Cryptography; T1098: Account Manipulation; T1573: Encrypted Channel; T1560: Archive Collected Data; T1114: Email Collection; T1550: Use Alternate Authentication Material; T1021: Remote Services; T1564: Hide Artifacts; T1070: Indicator Removal |  |  |   |

| NAME  | ORIGIN                          | TARGETED INDUSTRIES  | TARGETED REGIONS                |
|---|---------------------------------|--|---------------------------------|
|  <p><u>Gamaredon (aka Winterflounder, Primitive Bear, BlueAlpha, Blue Otso, Iron Tilden, Armageddon, SectorC08, Callisto, Shuckworm, Actinium, Trident Ursa, DEV-0157, UAC-0010, Aqua Blizzard, UNC530, G0047)</u></p> | Russia                          | Financial, Manufacturing, Defense, Logistics, Government, Political, Military, Administrative entities | Europe, Canada, Russia, Ukraine |
|   | <b>MOTIVE</b>                   |  |                                 |
|   | Information theft and espionage |  |                                 |
|   | <b>TARGETED CVE</b>             | <b>ASSOCIATED ATTACKS/RANSOM WARE</b>  | <b>AFFECTED PRODUCT</b>         |
|   | CVE-2025-8088                   | Pteranodon, GamaWiper  | RARLAB WinRAR                   |

### TTPs

TA0042: Resource Development; TA0001: Initial Access; TA0002: Execution; TA0003: Persistence; TA0005: Defense Evasion; TA0006: Credential Access; TA0007: Discovery; TA0008: Lateral Movement; TA0009: Collection; TA0010: Exfiltration; TA0011: Command and Control; TA0040: Impact; T1583: Acquire Infrastructure; T1587: Develop Capabilities; T1587.001: Malware; T1587.004: Exploits; T1588: Obtain Capabilities; T1588.005: Exploits; T1588.006: Vulnerabilities; T1608: Stage Capabilities; T1566: Phishing; T1566.001: Spearphishing Attachment; T1204: User Execution; T1204.002: Malicious File; T1547: Boot or Logon Autostart Execution; T1547.001: Registry Run Keys / Startup Folder; T1546: Event Triggered Execution; T1546.015: Component Object Model Hijacking; T1497: Virtualization/Sandbox Evasion; T1480: Execution Guardrails; T1036: Masquerading; T1036.001: Invalid Code Signature; T1027: Obfuscated Files or Information; T1027.007: Dynamic API Resolution; T1027.013: Encrypted/Encoded File; T1555: Credentials from Password Stores; T1555.003: Credentials from Web Browsers; T1552: Unsecured Credentials; T1552.001: Credentials In Files; T1087: Account Discovery; T1518: Software Discovery; T1021: Remote Services; T1560: Archive Collected Data; T1185: Browser Session Hijacking; T1005: Data from Local System; T1114: Email Collection; T1114.001: Local Email Collection; T1113: Screen Capture; T1071: Application Layer Protocol; T1071.001: Web Protocols; T1573: Encrypted Channel; T1573.002: Asymmetric Cryptography; T1041: Exfiltration Over C2 Channel; T1657: Financial Theft; T1059: Command and Scripting Interpreter; T1059.003: Windows Command Shell; T1658: Exploitation for Client Execution; T1564: Hide Artifacts; T1564.003: Hidden Window; T1027.009: Embedded Payloads; T1082: System Information Discovery; T1033: System Owner/User Discovery; T1105: Ingress Tool Transfer; T1095: Non-Application Layer Protocol; T1574: Hijack Execution Flow; T1574.001: DLL; T1137: Office Application Startup; T1137.001: Office Template Macros

| NAME   | ORIGIN                          | TARGETED INDUSTRIES  | TARGETED REGIONS                |
|--|---------------------------------|--|---------------------------------|
| <br><u>APT-C-08 (aka Bitter, T-APT-17, TA397, G1002, Manlinghua)</u>  | -                               | Financial, Manufacturing, Defense, Logistics, Government, Political, Military, Administrative entities | Europe, Canada, Russia, Ukraine |
|  | <b>MOTIVE</b>                   |  |                                 |
|  | Information theft and espionage |  |                                 |
|  | <b>TARGETED CVE</b>             | <b>ASSOCIATED ATTACKS/RANSOMWARE</b>   | <b>AFFECTED PRODUCT</b>         |
|  | CVE-2025-6218                   | -  | RARLAB WinRAR                   |
| <b>TTPs</b>  |                                 |  |                                 |
| TA0042: Resource Development; TA0001: Initial Access; TA0002: Execution; TA0003: Persistence; TA0005: Defense Evasion; TA0006: Credential Access; TA0007: Discovery; TA0008: Lateral Movement; TA0009: Collection; TA0010: Exfiltration; TA0011: Command and Control; TA0040: Impact; T1583: Acquire Infrastructure; T1587: Develop Capabilities; T1587.001: Malware; T1587.004: Exploits; T1588: Obtain Capabilities; T1588.005: Exploits; T1588.006: Vulnerabilities; T1608: Stage Capabilities; T1566: Phishing; T1566.001: Spearphishing Attachment; T1204: User Execution; T1204.002: Malicious File; T1547: Boot or Logon Autostart Execution; T1547.001: Registry Run Keys / Startup Folder; T1546: Event Triggered Execution; T1546.015: Component Object Model Hijacking; T1497: Virtualization/Sandbox Evasion; T1480: Execution Guardrails; T1036: Masquerading; T1036.001: Invalid Code Signature; T1027: Obfuscated Files or Information; T1027.007: Dynamic API Resolution; T1027.013: Encrypted/Encoded File; T1555: Credentials from Password Stores; T1555.003: Credentials from Web Browsers; T1552: Unsecured Credentials; T1552.001: Credentials In Files; T1087: Account Discovery; T1518: Software Discovery; T1021: Remote Services; T1560: Archive Collected Data; T1185: Browser Session Hijacking; T1005: Data from Local System; T1114: Email Collection; T1114.001: Local Email Collection; T1113: Screen Capture; T1071: Application Layer Protocol; T1071.001: Web Protocols; T1573: Encrypted Channel; T1573.002: Asymmetric Cryptography; T1041: Exfiltration Over C2 Channel; T1657: Financial Theft; T1059: Command and Scripting Interpreter; T1059.003: Windows Command Shell; T1658: Exploitation for Client Execution; T1564: Hide Artifacts; T1564.003: Hidden Window; T1027.009: Embedded Payloads; T1082: System Information Discovery; T1033: System Owner/User Discovery; T1105: Ingress Tool Transfer; T1095: Non-Application Layer Protocol; T1574: Hijack Execution Flow; T1574.001: DLL; T1137: Office Application Startup; T1137.001: Office Template Macros |                                 |  |                                 |



# Recommendations

## Security Teams

This digest can be utilized as a drive to force security teams to prioritize the **fifteen exploitable vulnerabilities** and block the indicators related to the threat actors **ShadyPanda, Earth Lamia, Jackpot Panda, UNC5174, MuddyWater, WARP PANDA, Gamaredon, APT-C-08**, and malware **XMRig, Sliver, PeerBlight, EtherRAT, UDPGangster, MetaRAT, Talisman PlugX, BRICKSTORM, Pteranodon**, and **GamaWiper**.

## 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

- Run a Scan to discover the assets impacted by the **fifteen exploitable vulnerabilities**.
- Testing the efficacy of their security controls by simulating the attacks related to the threat actors **ShadyPanda, Earth Lamia, Jackpot Panda, UNC5174, MuddyWater, WARP PANDA, Gamaredon, APT-C-08**, and malware **Sliver, PeerBlight, UDPGangster, MetaRAT, Talisman PlugX**, and **BRICKSTORM** in Breach and Attack Simulation(BAS).

# Threat Advisories

[ShadyPanda's Seven-Year Operation Built a Browser Extension Spy Empire](#)

[React2Shell Flaw in React Server Components Under Active Attack](#)

[Echoes Over UDP: MuddyWater's Covert Backdoor Strikes](#)

[China-Linked Operators Breach Japanese Shipping Networks](#)

[Microsoft December 2025 Patch Tuesday Roundup](#)

[Google Chrome Zero-Day Exploited in ANGLE Graphics Engine](#)

[The Gogs Blind Spot: A Zero-Day Fueled Mass Compromise](#)

[BRICKSTORM Breaks In: China's Quiet Grip on US Virtual Stack](#)

[Zero-Day in WinRAR Actively Weaponized by Multiple Threat Groups](#)

# 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 threat 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   |
|---------------|-----------|---|
| <u>XMRig</u>  | URL       | hxxps[:]//raw[.]githubusercontent[.]com/C3Pool/xmrig_setup/master/setup_c3pool_miner[.]sh,<br>hxxps[:]//raw[.]githubusercontent[.]com:443/c3pool/xmrig_setup/master/setup_c3pool_miner[.]bat                                |
|               | SHA1      | 59de54c4cb7ccc1602c90d8afe2efc071751d9ae  |
| <u>Sliver</u> | File Path | /usr/bin/sshd-agent,<br>~/.config/.system-monitor/.sys-mon,<br>/tmp/.system-update/   |
|               | Domain    | keep[.]camdvr[.]org,<br>t[.]cnzzs[.]co  |
|               | IPv4      | 154[.]26[.]190[.]6  |
|               | URL       | hxxp[:]//keep.camdvr[.]org[:]8000/BREAKABLE_PARABLE5,<br>hxxp[:]//keep[.]camdvr[.]org[:]8000/BREAKABLE_PARABLE5,<br>hxxp[:]//keep[.]camdvr[.]org[:]8000/d5[.]sh,<br>hxxp[:]//keep[.]camdvr[.]org[:]8000/BREAKABLE_PARABLE10 |
|               | SHA1      | 0972859984decfaf9487f9a2c2c7f5d2b03560a0,<br>470ce679589e1c3518c3ed2b818516f27ccad089,<br>0972859984decfaf9487f9a2c2c7f5d2b03560a0,<br>2937c58115c131ae84a1b2a7226c666f6a27ef88   |
|               | SHA256    | 2cd41569e8698403340412936b653200005c59f2ff3d39d203f<br>433adb2687e7f,<br>cb5524b6605af240a7385f8f875c6af0b5009d5bcba4a3cc7c3e<br>399057c7c644   |

| Attack Name        | TYPE      | VALUE  |
|--------------------|-----------|--|
| <u>PeerBlight</u>  | SHA256    | a605a70d031577c83c093803d11ec7c1e29d2ad530f8e95d9a729c3818c7050d   |
|                    | URL       | hxxp://45.32.158[.]54/5e51aff54626ef7f/x86_64,   |
|                    | IPv4      | 185.247.224[.]41, 49.51.230[.]175  |
|                    | File Path | /lib/systemd/system/systemd-agent.service,<br>/bin/systemd-daemon,<br>/bin/systemd-daemon  |
| <u>EtherRAT</u>    | IPv4:PORT | 193[.]24[.]123[.]68[:]3001   |
|                    | URL       | hxxp[:]//193[.]24[.]123[.]68[:]3001/gfdsgsdfhfsd_ghsfdgsfdgsd fg[.]sh  |
| <u>UDPGangster</u> | SHA256    | 028dcda69ba17f9c0d492fe2e0aa0b1bbb5154266c52840bd49f51ce11c934d4,<br>863f94873b7535f49a03784abf74a8a29b792b97dad5361a379c7ae29d0ba4c,<br>a35e0fccee6d9cf10a806c5134a85a1dad5c0301312bbd9ae92af2fe1fbb77d24,<br>a8aed7a290f38952be0e7360fd5f36276c279e430b51303780c5242d66cea932,<br>b0dc4e34701f2032059c9eea77313628e7f79474a90dc40b4ed3ab39e0d06a37,<br>6d9ee1f6b8c344224116f47f81d4d2af58569925d22d731fb38b555771aa85f8,<br>b95d35ef7dd6e98bcb30b896a5cee385c2e42cc94a1c9b124ef80fa65f20d3ba,<br>7ea4b307e84c8b32c0220eca13155a4cf66617241f96b8af26ce2db8115e3d53  |
| <u>MetaRAT</u>     | SHA256    | aba6f7611291433983ba9c65654b04745a050530329d3ad329cc859c1ce12c44,<br>d3ec33ae5c8ce2ac5eb0c96c6d6dc1d5ca610bacaa9de85d1e4bfe1d60923970,<br>fd87149d6b8fdcad5d84ba4a3ca52e1cef8f0c54cafca6dbbb5d156f313d79dd,<br>fd6b1ca0f26e54fa9c97ea15c834e58ffb71798df38071ad00b14f19d6a4126c,<br>c91595edd1c9a0a2c1168e3bfa532e4a7dbb6b1380afd80ba445b728622798a4,<br>c90460e820a8c5874d5412032b7db719cb8ea34ae8e48e4ab934a4096a09612b,<br>a92ed5f831c99bb84208ef7d7c733e0183a79de40f9d3b3be54744951f0a1391,<br>0ec83d1deb6065cac8ba8f849cdf5672da7313ec2e860a7d71bb7e397e661394,<br>7b028a9bd2bc0c306ab6561cf702406f5925fc073f9d0d2d9408ceccd6907743 |

| Attack Name           | TYPE    | VALUE   |
|-----------------------|---------|---|
| <u>MetaRAT</u>        | Domains | doodle01[.]space,<br>piao.mil.onmypc[.]net,<br>newsinfom[.]org,<br>mailserver[.]kozow[.]com   |
|                       | IPv4    | 117[.]254[.]105[.]200,<br>45[.]114[.]192[.]137,<br>103[.]9[.]14[.]218,<br>23[.]254[.]225[.]184,<br>103[.]136[.]45[.]108,<br>103[.]172[.]10[.]165,<br>117[.]239[.]199[.]202  |
| <u>Talisman PlugX</u> | IPv4    | 220[.]130[.]204[.]242   |
|                       | Domains | turky[.]info,<br>nord.ocry[.]com  |
|                       | SHA256  | 78c3eb67fdc59fd09cba6388d6e31c428ed3c227f04b9cd739e8<br>c36a8f1a182e,<br>367ad2eaa851ae17a4b75d92ec712d889fa85c0f2a51b9d5c5e<br>08ae84fa7514d   |
| <u>BRICKSTORM</u>     | SHA256  | aaf5569c8e349c15028bc3fac09eb982efb06eabac955b705a6d<br>447263658e38,<br>013211c56caaa697914b5b5871e4998d0298902e336e373ebb<br>27b7db30917eaf,<br>57bd98dbb5a00e54f07ffacda1fea91451a0c0b532cd7d570e98<br>ce2ff741c21d,<br>b3b6a992540da96375e4781afd3052118ad97cfe60ccf004d73<br>2f76678f6820a,<br>22c15a32b69116a46eb5d0f2b228cc37cd1b5915a91ec8f38df7<br>9d3eed1da26b,<br>f7cda90174b806a34381d5043e89b23ba826abcc89f7abd5200<br>60a64475ed506,<br>39b3d8a8aedffc1b40820f205f6a4dc041cd37262880e5030b00<br>8175c45b0c46,<br>73fe8b8fb4bd7776362fd356fdc189c93cf5d9f6724f6237d8290<br>24c10263fe5,<br>40992f53effc60f5e7edea632c48736ded9a2ca59fb4924eb6af0<br>a078b74d557,<br>320a0b5d4900697e125cebb5ff03dee7368f8f087db1c1570b0<br>b62f5a986d759 |
| <u>Pteranodon</u>     | SHA256  | 18b2956ceea0e45e2183dc1590fb306f9431943ed612e110af5<br>08d819d2ffd67,<br>f08ea988890f33b18ae15d6d3466be0d60e974dece876450f16<br>a0c82bf8469a7,<br>1f8a3ec047e0f44f1f21e1e3f8af5ea32749ecac3e2bef4fc2ba1a<br>2006934581,<br>c6e629c8375df83184401dd941ca2d490e78a1a338a9d0acdd4<br>3665b333cebfe,  |

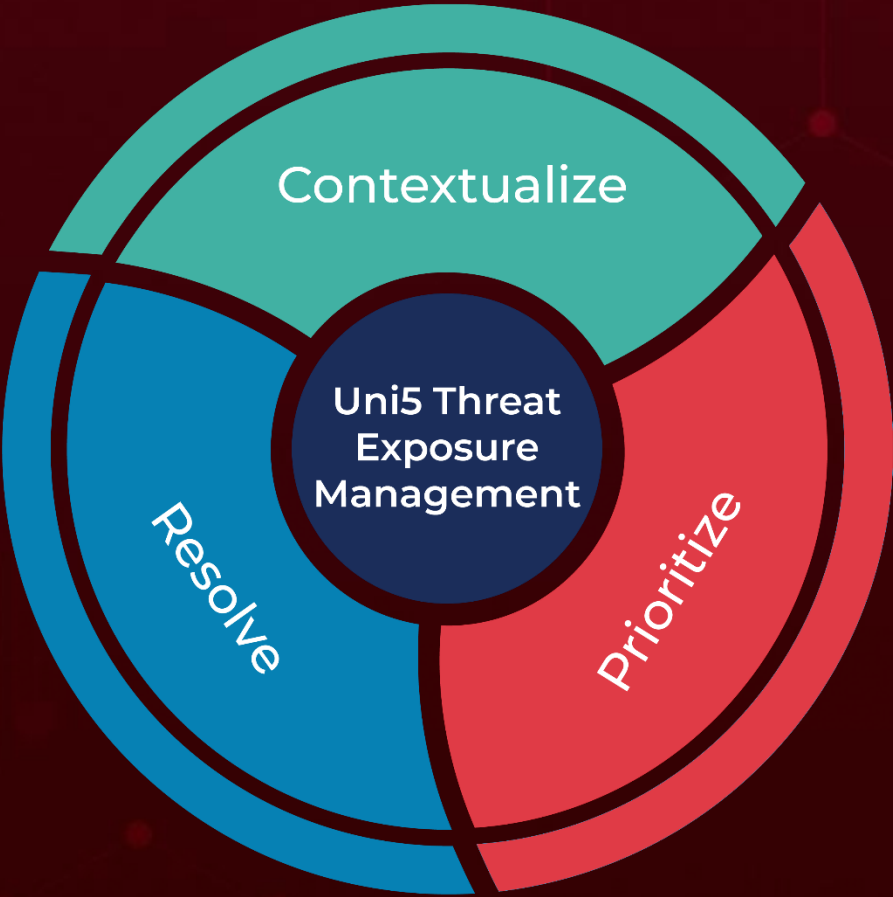
| Attack Name       | TYPE   | VALUE   |
|-------------------|--------|---|
| <u>Pteranodon</u> | SHA256 | 7370668e7d715e19d36a7580ca04f349c7365d568ffbb5735eb6c79d80d63b63,<br>9b14d367c99b7d9187a58406ad3eb55e2dee12b4b2bc341f9058c622b7b87fa3 |
| <u>GamaWiper</u>  | SHA256 | d4ce4776bdad9b741a1e8345b41737245b80f4cf8d361ebb1ae5415c7a4fe1eb,<br>9a39423ec90dc06a3058279cd744c08d83252d1c7096633b9853e435cc205755 |

A comprehensive list of IOCs (Indicators of Compromise) associated with the executed attacks is available on the Uni5Xposure platform.

# What Next?

At Hive Pro, it is our mission to detect the most likely threats to your organization and to help you prevent them from happening.

Book a free demo with HivePro Uni5:Threat Exposure Management Platform.



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