

Hiveforce Labs
WEEKLY

## THREAT DIGEST

**Attacks, Vulnerabilities and Actors** 

4 to 10 November 2024

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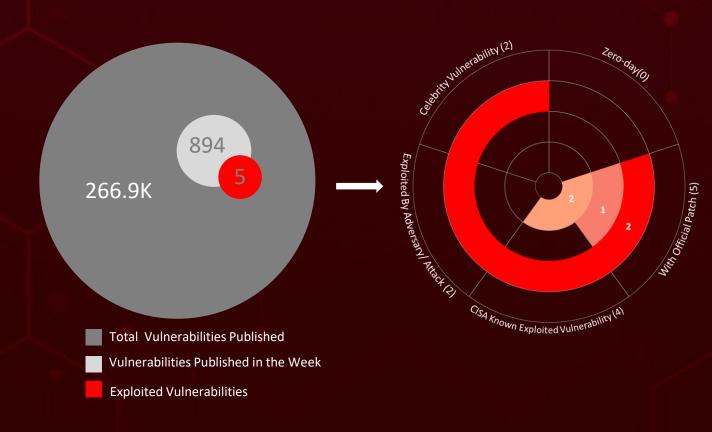
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## **Summary**

HiveForce Labs has recently made significant advancements in identifying cybersecurity threats. Over the past week, detected **five** attacks, reported **five** vulnerabilities, and identified **one** active adversary. These findings underscore the relentless and escalating danger of cyber intrusions.

Additionally, threat actors exploited the SharePoint Remote Code Execution flaw (<u>CVE-2024-38094</u>) to infiltrate corporate networks, deploying a Fast Reverse Proxy and custom webshell to maintain control over compromised systems.

Furthermore, this week, Iranian cyber group **Emennet Pasargad**, now operating as Aria Sepehr Ayandehsazan (ASA), conducts global hack-and-leak operations to destabilize and undermine trust in Israel's information space. The **CRON#TRAP** phishing campaign uses QEMU to deploy a custom TinyCore Linux instance on Windows systems, employing virtualization to create stealthy, persistent backdoors. These rising threats pose significant and immediate dangers to users worldwide.



# **High Level Statistics**

5 Attacks Executed

**5**Vulnerabilities
Exploited

Adversaries in Action

- Rhadamanthys
- <u>BeaverTail</u>
- <u>InvisibleFerret</u>
- Chisel
- <u>PivotBox</u>

- CVE-2024-38094
- CVE-2019-0708
- CVE-2018-7600
- CVE-2024-5910
- CVE-2024-9464

Emennet Pasargad

# **Insights**

North Korean Threat
Actors Use Advanced
Obfuscation in Contagious
Interview and WageMole
Campaigns to Target
Windows and macOS.

#### CVE-2024-38094:

Threat Actors Exploit
SharePoint RCE Flaw to
Deploy Proxy and
Webshell for Network
Control.

## "CopyRh(ight)adamantys"

Phishing Campaign Uses AI-Enhanced Rhadamanthys Stealer with Targeted Impersonation Tactics.

### Emennet Pasargad, Iranian cyber

group, now conducts global hack-and-leak operations to destabilize and undermine trust in Israel's information space.

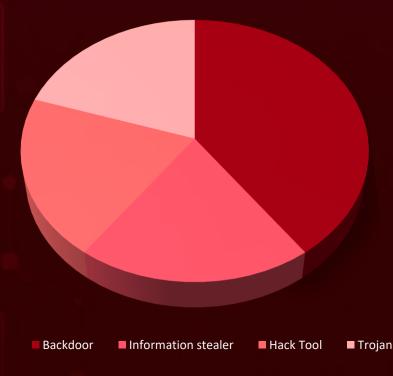
### CVE-2024-5910:

Critical Vulnerability in Palo Alto's Expedition Tool Enables Admin Account Takeover.

#### **CRON#TRAP**

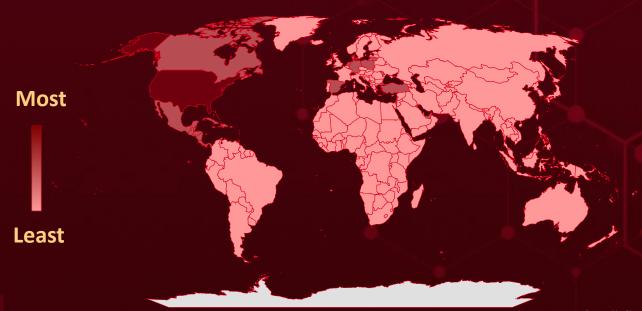
Phishing Campaign Leverages QEMU for Stealthy TinyCore Linux Deployment on Windows.

### **Threat Distribution**



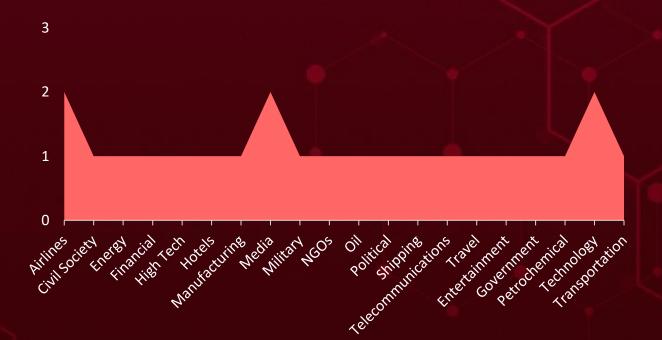


# **Targeted Countries**



Countries	Countries	Countries	Countries
United States	Guatemala	South Korea	Belgium
	United Arab	Qatar	Czech Republic
Switzerland	Emirates	Venezuela	(Czechia)
Malta	Honduras	Romania	Qatar
Germany	United States	Macau	United Kingdom
Costa Rica	Jamaica	Chile	Saint Kitts and Nevis
Liechtenstein	Andorra	Mongolia	Ecuador
Israel	Lithuania	Saudi Arabia	Saudi Arabia
Moldova	Antigua and	Norway	Yemen
Saint Lucia	Barbuda	Serbia	Slovenia
Monaco	Mexico	Russia	Afghanistan
Denmark	Bahamas	Slovakia	St. Vincent &
Montenegro	Panama	Sierra Leone	Grenadines
Haiti Haiti	Barbados	Slovenia	Albania
Netherlands	Trinidad and Tobago	Sweden	Tanzania
Lebanon	Belize	South Korea	Algeria
Poland	Canada	Ukraine	Turkmenistan
Nicaragua	Grenada	Croatia	Egypt
San Marino	Latvia	Kiribati	United States Virgin
Bahrain	Saint Vincent and	Sweden	Islands
Spain	the Grenadines	Libya	Angola
Cuba	Nepal	Cyprus	Zimbabwe
Dominica	Palestine	Maldives	Anguilla
Kuwait	Tonga	Syria Albania	Kyrgyzstan
Dominican Republic	Peru	Taiwan	Estonia
El Salvador	Marshall Islands		Lesotho
		Mozambique Thailand	_
Turkey	Bulgaria	Inalianu	Argentina

## **M** Targeted Industries



## **TOP MITRE ATT&CK TTPs**

**T1071.001** Web Protocols

T1027
Obfuscated
Files or
Information

T1204.002 Malicious File T1041
Exfiltration
Over C2
Channel

T1190
Exploit PublicFacing
Application

T1596
Search Open
Technical
Databases

T1566 Phishing

T1083
File and
Directory
Discovery

T1219
Remote
Access
Software

T1036 Masquerading

T1218
System Binary
Proxy
Execution

T1204
User Execution

T1204.001 Malicious Link T1110.002
Password
Cracking

T1059
Command and
Scripting
Interpreter

T1055 Process Injection **T1059.006** Python

T1574
Hijack
Execution
Flow

T1588
Obtain
Capabilities

T1068
Exploitation for Privilege
Escalation

## **X Attacks Executed**

NAME	OVERVIEW	DELIVERY METHOD	TARGETED CVE
	Rhadamanthys is an information stealer featuring	Phishing	
<u>Rhadamanthys</u>	information stealer featuring a versatile array of modules and a multi-layered	IMPACT	AFFECTED PRODUCTS
TYPE	architecture. Available on the black market and regularly updated, it poses a		
Information stealer	continual threat. Its sophisticated design enables	Operational Disruption, Data Theft, Financial Loss	PATCH LINK
ASSOCIATED	it to evade detection while carrying out various		
ACTOR	malicious activities, including the theft and exfiltration of		
-	sensitive information.		
IOC TYPE	VALUE		
SHA256	cf9d93951e558ed22815b34446cfa2bd2cf3d1582d8bd97912612f4d4128a64e, 48aaa2dec95537cdf9fc471dbcbb4ff726be4a0647dbdf6300fa61858c2b0099, 00fc4b8a4c65c06766608f3ef3f92385c8e147f5991dabe290e33dd14b39ad44, 0ad65fd0897a6547f6febf398708ab2d423a8f8834b53136219cb490ec3ebd13, 11ba24d023b544e28c37b6cb8afe27d06638175d7f56c2e4d4ff97bf7bd813b6		

NAME	OVERVIEW	DELIVERY METHOD	TARGETED CVEs
<u>BeaverTail</u>	BeaverTail is a JavaScript	Social engineering	
ТҮРЕ	stealer malware that targets software developers through	IMPACT	AFFECTED PRODUCTS
Trojan	a supposed job interview process. It can steal sensitive		Windows, macOS
ASSOCIATED ACTOR	information from web browsers, crypto wallets, and system data.	Data theft	PATCH LINK
-	system data:		-
IOC TYPE	VALUE		
SHA256	d801ad1beeab3500c65434da51326d7648a3c54923d794b2411b7b6a2960f31e, d5c0b89e1dfbe9f5e5b2c3f745af895a36adf772f0b72a22052ae6dfa045cea6, c0110cb21ae0e7fb5dec83ca90db9e250b47a394662810f230eb621b0728aa97, 9e3a9dbf10793a27361b3cef4d2c87dbd3662646f4470e5242074df4cb96c6b4, 91f96f2ddfa293806ec3effb8e05bc6941660237de90215b23281d706a2bc706		

NAME	OVERVIEW	DELIVERY METHOD	TARGETED CVEs
<u>InvisibleFerret</u>	InvisibleFerret is a newly	Phishing	•
ТҮРЕ	discovered, cross-platform Python backdoor malware	IMPACT	AFFECTED PRODUCTS
Backdoor	that is part of a campaign targeting job seekers. It		Windows, macOS
ASSOCIATED ACTOR	consists of various components for fingerprinting, remote control, keylogging, data exfiltration, browser stealing, and downloading the AnyDesk client for additional control.	Data theft	PATCH LINK
-			
IOC TYPE	VALUE		
SHA256	5bdd872a2a49b5682b297350222eee847c0a1e52125688acb9aa8a7b9ec4de29		
SHA1	9c1fddc45a6ad5a5b738e1ead5efd46051fdfd35 2f7e6d05caab11bac4d585108a14d3c2		
MD5			

NAME	OVERVIEW	DELIVERY METHOD	TARGETED CVEs
		Phishing	
<u>PivotBox</u>	PivotBox is a customized version of TinyBox, emulated	IMPACT	AFFECTED PRODUCTS
ТҮРЕ	using QEMU, which is designed to run in the background with preconfigured settings. It has been modified to include a Chisel backdoor.		Windows
Backdoor		Remote access, Data theft	
ASSOCIATED ACTOR			PATCH LINK
-			
IOC TYPE	VALUE		
SHA256	5A8BC06587CE40B3A8D8DD4037D0EF272EFC64A69E21F6689FFE3F5FBB04A4 68, 4C91070877C6D116F5A27EFADDBBFBC339455628E9D6585A4EA5F9B6972BF 92B		

NAME	OVERVIEW	DELIVERY METHOD	TARGETED CVEs
	Chisel is an Open Source tool designed for fast	Phishing	-
<u>Chisel</u>		IMPACT	AFFECTED PRODUCTS
ТҮРЕ	TCP/UDP tunneling, secured using SSH and transported	Remote access, Data exfiltration	
Hack tool	over HTTP. Developed in Go and employed by Threat Actors for establishing C2 connections.		
ASSOCIATED ACTOR			PATCH LINK
-			-
IOC TYPE	VALUE		
SHA256	3E6A47DA0A226A4C98FB53A06EC1894B4BFD15E73D0CEA856B7D2A001CADA7 E9		

# **We Vulnerabilities Exploited**

CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
	8	Microsoft SharePoint Server Subscription Edition Microsoft SharePoint Server 2019	
CVE-2024-38094	ZERO-DAY	Microsoft SharePoint Enterprise Server 2016	
	8	AFFECTED CPE	ASSOCIATED ATTACKS/RANSOM WARE
NAME	CISA KEV	22	
	<b>⊘</b>	<pre>cpe:2.3:a:microsoft:sharepoint _server:*:*:*:*:*:*</pre>	
Microsoft SharePoint	CWE ID	ASSOCIATED TTPs	PATCH LINK
Remote Code Execution Vulnerability	CWE-502	T1059: Command and Scripting Interpreter, T1190: Exploit Public-Facing Application, T1078 : Valid Accounts	https://msrc.microso ft.com/update- guide/vulnerability/C VE-2024-38094

	CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
	<u>CVE-2019-0708</u>	BlueKeep <b>ZERO-DAY</b>	CBL Mariner Windows: 10 - 11 23H2 Windows Server: 2019 - 2022 23H2	Emennet Pasargad
		8	AFFECTED CPE	ASSOCIATED ATTACKS/RANSOM WARE
	NAME	CISA KEV	cpe:2.3:o:microsoft:windows:*:	
١	Microsoft Remote	<b>&gt;</b>	*:*:*:*:*:*  cpe:2.3:o:microsoft:windows_s  erver:*:*:*:*:*:*:*	
ı	Desktop Services	CWE ID	ASSOCIATED TTPs	PATCH LINK
	Remote Code Execution Vulnerability	CWE-416	T1021.001: Remote Desktop Protocol, T1068: Exploitation for Privilege Escalation, T1059: Command and Scripting	https://msrc.microso ft.com/update- guide/en- US/advisory/CVE- 2019-0708
Ī				
	CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
ı		Drupalgeddon2	Drupal before 7.58, 8.x before 8.3.9, 8.4.x before 8.4.6, and 8.5.x before 8.5.1	Emennet Pasargad
ı	CVE-2018-7600	ZERO-DAY		
		8	AFFECTED CPE	ASSOCIATED ATTACKS/RANSOM WARE
	NAME	CISA KEV		
	Drupal Core	<b>⊘</b>	cpe:2.3:a:drupal:drupal:*:*:*: *:*:*	
	Remote Code Execution	CWE ID	ASSOCIATED TTPs	PATCH LINK
	Vulnerability	CWE-20	T1059: Command and Scripting Interpreter, T1190: Exploit Public-Facing Application	https://groups.drupa l.org/security/faq- 2018-002

	CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
	CVE-2024-5910	ZERO-DAY	Palo Alto Networks' Expedition versions prior to 1.2.92	-
		8	AFFECTED CPE	ASSOCIATED ATTACKS/RANSOMWAR E
	NAME	CISA KEV	cpe:2.3:a:paloaltonetworks:	
ı		<b>⊘</b>	expedition:*:*:*:*:*:*	-
ı		CWE ID	ASSOCIATED TTPs	PATCH LINK
	Palo Alto Expedition Missing Authentication Vulnerability	CWE-306	T1059: Command and Scripting Interpreter, T1078: Valid Accounts, T1068: Exploitation for Privilege Escalation	https://live.paloaltonet works.com/t5/expeditio n-release- notes/expedition-1-2- 96-hotfix- information/ta- p/599340
		CELEBRITY		ACCOCIATED
	CVE ID	CELEBRITY VULNERABILITY	AFFECTED PRODUCTS	ASSOCIATED ACTOR
	CVE ID		Palo Alto Networks' Expedition versions prior	
	CVE ID  CVE-2024-9464		Palo Alto Networks'	
		VULNERABILITY	Palo Alto Networks' Expedition versions prior	
		VULNERABILITY	Palo Alto Networks' Expedition versions prior to 1.2.96  AFFECTED CPE	ACTOR  -  ASSOCIATED ATTACKS/RANSOMWAR
	<u>CVE-2024-9464</u>	VULNERABILITY	Palo Alto Networks' Expedition versions prior to 1.2.96	ACTOR  -  ASSOCIATED ATTACKS/RANSOMWAR
	<u>CVE-2024-9464</u>	VULNERABILITY	Palo Alto Networks' Expedition versions prior to 1.2.96  AFFECTED CPE  cpe:2.3:a:paloaltonetworks:	ACTOR  -  ASSOCIATED ATTACKS/RANSOMWAR

## **O** Adversaries in Action

NAME	ORIGIN	TARGETED INDUSTRIES	TARGETED COUNTRIES	
	Iran		Israel, Akrotiri and Dhekelia, Bahrain,	
0	MOTIVE		Cyprus, Egypt, Iraq, Jordan, Kuwait,	
Emennet Pasargad (aka Holy Souls, Vice Leaker, Haywire Kitten, Neptunium, Cotton Sandstorm, DEV-0198, Yellow Dev 19, Magic Kitten, Black Magic, ViceLeaker, kalin3t, Eeleyanet Gostar, Eeleyanet Gostar, Net Peygard Samavat, Hackers of Savior, Deus, Group	Hacktivism, Espionage, Financial Gains	Government, Energy, Financial, High Tech, NGOs, Civil Society, Shipping, Transportation, Political, Military, Airline, Manufacturing, Media, Travel, Hotels, Airlines, Oil, Petrochemical, Telecommunications	Lebanon, Oman, Palestine, Qatar, Saudi Arabia, Syria, Turkey, United Arab Emirates, Yemen, Germany, United Kingdom, France, Italy, Spain, Poland, Romania, Netherlands, Belgium, Czech Republic, Sweden, Portugal, Greece, Hungary, Austria, Belarus, Switzerland, Bulgaria, Serbia, Denmark, Finland, Norway, Slovakia, Ireland, Croatia, Bosnia and Herzegovina, Moldova, Lithuania, Albania, Slovenia, Latvia, North Macedonia, Estonia, Luxembourg, Montenegro, Malta, Iceland, Andorra, Liechtenstein, Monaco, San Marino, Holy See, United States, Isle of Man, Faeroe Islands	
<u>42,</u>	TARGETED	ASSOCIATED ATTAC	AFFECTED PRODUCTS	
<u>Voyeur,</u> MARNANBRIDGE)	CVEs	KS/RANSOMWARE		
<u>IMPARIONID GE</u>	-	<u>-</u>	-	
TTPs				

#### TTPs

TA0043: Reconnaissance, TA0042: Resource Development, TA0001: Initial Access, TA0006: Credential Access, TA0011: Command and Control, T1596: Search Open Technical Databases, T1589: Gather Victim Identity Information, T1589.002: Email Addresses, T1589.003: Employee Names, T1591.001: Determine Physical Locations, T1595.002: Vulnerability Scanning, T1590.001: Domain Properties, T1595.001: Scanning IP Blocks, T1650: Acquire Access, T1583: Acquire Infrastructure, T1587: Develop Capabilities, T1190: Exploit Public-Facing Application, T1110.001: Password Guessing, T1110.002: Password Cracking, T1071.001: Web Protocols, T1219: Remote Access Software

## **Recommendations**

#### **Security Teams**

This digest can be utilized as a drive to force security teams to prioritize the **five exploited vulnerabilities** and block the indicators related to the threat actors **Emennet Pasargad** and malware **BeaverTail**, **InvisibleFerret**, **Rhadamanthys**, **Chisel**, and **PivotBox**.

#### **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 five exploited vulnerabilities.

Testing the efficacy of their security controls by simulating the attacks related to the threat actor **Emennet Pasargad** and malware **BeaverTail**, **InvisibleFerret**, **Rhadamanthys**, **Chisel** in Breach and Attack Simulation(BAS).

## **Strait Advisories**

**Threat Actors Weaponized SharePoint Flaw To Infiltrate Corporate Networks** 

Hack, Leak, Repeat – Emennet Pasargad's Quest to Destabilize Israel

CopyRh(ight)adamantys: Unmasking a Phishing Campaign with theLatest Rhadamanthys Stealer

**North Korean Hackers Go After Remote Job Openings** 

**Hackers Exploiting Critical Palo Alto Networks Vulnerability** 

**CRON#TRAP: Leveraging Emulated Environments for Covert Cyber Operations** 

## **Appendix**

**Known Exploited Vulnerabilities (KEV): S**oftware 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)**

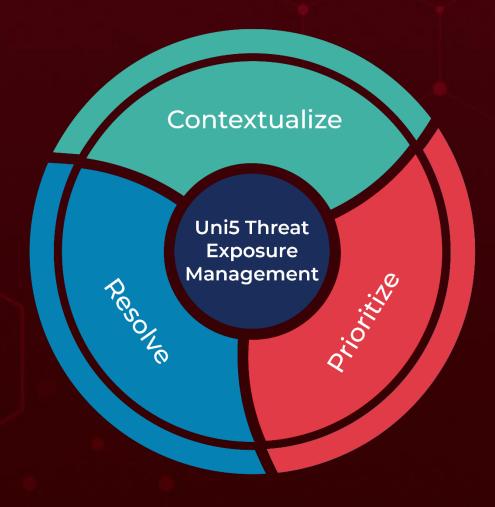
Attack Name	ТҮРЕ	VALUE
<u>BeaverTail</u>	SHA256	d801ad1beeab3500c65434da51326d7648a3c54923d794b2411b7b6 a2960f31e, d5c0b89e1dfbe9f5e5b2c3f745af895a36adf772f0b72a22052ae6dfa0 45cea6, c0110cb21ae0e7fb5dec83ca90db9e250b47a394662810f230eb621b 0728aa97, 9e3a9dbf10793a27361b3cef4d2c87dbd3662646f4470e5242074df4c b96c6b4, 91f96f2ddfa293806ec3effb8e05bc6941660237de90215b23281d706 a2bc706, 24b89c77eaeebd4b02c8e8ab6ad3bd7abaa18893ecd469a6a04eda5e 374dd305, 0f5f0a3ac843df675168f82021c24180ea22f764f87f82f9f77fe8f0ba0b 7132, 0d8119f01d727beacbe6fe877541b3c11b084ffdc53c8bae436aca3dbc 197076, 0621d37818c35e2557fdd8a729e50ea662ba518df8ca61a44cc3add5c 6deb3cd
	SHA256	5bdd872a2a49b5682b297350222eee847c0a1e52125688acb9aa8a 7b9ec4de29
<u>InvisibleFerret</u>	SHA1	9c1fddc45a6ad5a5b738e1ead5efd46051fdfd35
	MD5	2f7e6d05caab11bac4d585108a14d3c2

Attack Name	ТҮРЕ	VALUE
<u>Rhadamanthys</u>	SHA256	b2588061ba5ee9948bbccd320b40c6d7b8d6a693d181f3bce61e5e26 7f53aa7e, b936853a0c50a0cd0bc8b33103b55bd88e19c6c28768d990b954c11d 714286ca, f2429f4bd09897653d0ffa41206a14cafa55356d5edc04dc0915c11686 7f8c27
<u>PivotBox</u>	SHA256	5A8BC06587CE40B3A8D8DD4037D0EF272EFC64A69E21F6689FFE3F 5FBB04A468 4C91070877C6D116F5A27EFADDBBFBC339455628E9D6585A4EA5F9 B6972BF92B
<u>Chisel</u>	SHA256	3E6A47DA0A226A4C98FB53A06EC1894B4BFD15E73D0CEA856B7D2 A001CADA7E9

### What Next?

At <u>Hive Pro</u>, 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 <u>HivePro Uni5</u>:Threat Exposure Management Platform.



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November 11, 2024 • 05:30 AM



