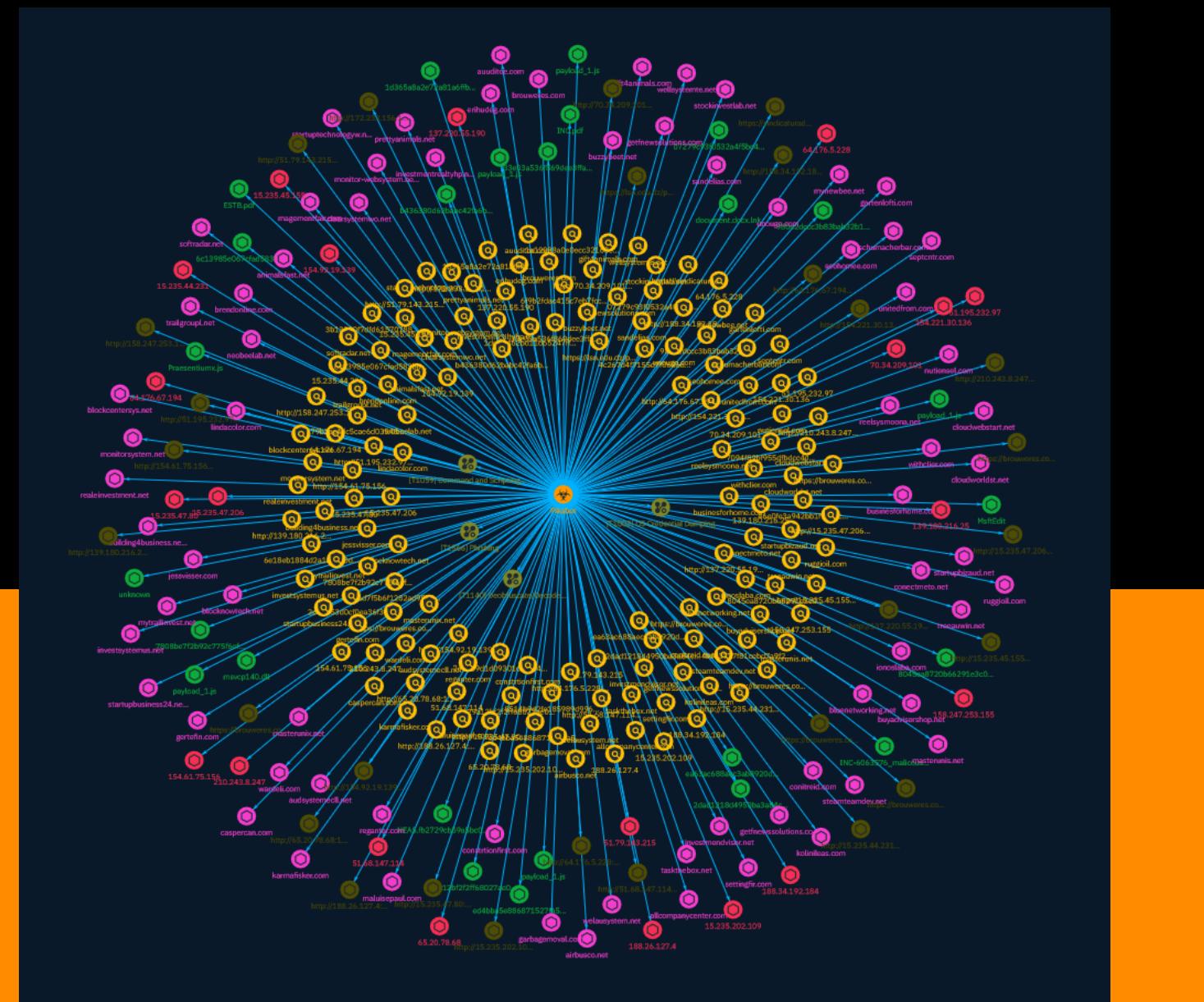


# NETMANAGEIT

# Intelligence Report

## Black Basta-Affiliated Water Curupira's Pikabot Spam Campaign



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# Overview

## Description

Pikabot is a type of loader malware that was actively used in spam campaigns by a threat actor we track under the Intrusion set Water Curupira in the first quarter of 2023, followed by a break at the end of June that lasted until the start of September 2023. Other researchers have previously noted its strong similarities to Qakbot, the latter of which was taken down by law enforcement in August 2023. An increase in the number of phishing campaigns related to Pikabot was recorded in the last quarter of 2023, coinciding with the takedown of Qakbot — hinting at the possibility that Pikabot might be a replacement for the latter (with DarkGate being another temporary replacement in the wake of the takedown).

## Confidence

*This value represents the confidence in the correctness of the data contained within this report.*

15 / 100

# Content

N/A

# Attack-Pattern

<b>Name</b>
OS Credential Dumping
<b>ID</b>
T1003
<b>Description</b>
Adversaries may attempt to dump credentials to obtain account login and credential material, normally in the form of a hash or a clear text password, from the operating system and software. Credentials can then be used to perform [Lateral Movement]( <a href="https://attack.mitre.org/tactics/TA0008">https://attack.mitre.org/tactics/TA0008</a> ) and access restricted information. Several of the tools mentioned in associated sub-techniques may be used by both adversaries and professional security testers. Additional custom tools likely exist as well.
<b>Name</b>
Phishing
<b>ID</b>
T1566
<b>Description</b>
Adversaries may send phishing messages to gain access to victim systems. All forms of phishing are electronically delivered social engineering. Phishing can be targeted, known

as spearphishing. In spearphishing, a specific individual, company, or industry will be targeted by the adversary. More generally, adversaries can conduct non-targeted phishing, such as in mass malware spam campaigns. Adversaries may send victims emails containing malicious attachments or links, typically to execute malicious code on victim systems. Phishing may also be conducted via third-party services, like social media platforms. Phishing may also involve social engineering techniques, such as posing as a trusted source, as well as evasive techniques such as removing or manipulating emails or metadata/headers from compromised accounts being abused to send messages (e.g., [Email Hiding Rules](<https://attack.mitre.org/techniques/T1564/008>)).(Citation: Microsoft OAuth Spam 2022)(Citation: Palo Alto Unit 42 VBA Infostealer 2014) Another way to accomplish this is by forging or spoofing(Citation: Proofpoint-spoof) the identity of the sender which can be used to fool both the human recipient as well as automated security tools.(Citation: cyberproof-double-bounce) Victims may also receive phishing messages that instruct them to call a phone number where they are directed to visit a malicious URL, download malware,(Citation: synnia Luna Month)(Citation: CISA Remote Monitoring and Management Software) or install adversary-accessible remote management tools onto their computer (i.e., [User Execution](<https://attack.mitre.org/techniques/T1204>)).(Citation: Unit42 Luna Moth)

**Name**

Command and Scripting Interpreter

**ID**

T1059

**Description**

Adversaries may abuse command and script interpreters to execute commands, scripts, or binaries. These interfaces and languages provide ways of interacting with computer systems and are a common feature across many different platforms. Most systems come with some built-in command-line interface and scripting capabilities, for example, macOS and Linux distributions include some flavor of [Unix Shell](<https://attack.mitre.org/techniques/T1059/004>) while Windows installations include the [Windows Command Shell](<https://attack.mitre.org/techniques/T1059/003>) and [PowerShell](<https://attack.mitre.org/techniques/T1059/001>). There are also cross-platform interpreters such as [Python](<https://attack.mitre.org/techniques/T1059/006>), as well as those commonly associated with client applications such as [JavaScript](<https://attack.mitre.org/techniques/T1059/007>) and [Visual Basic](<https://attack.mitre.org/techniques/T1059/005>). Adversaries may abuse these technologies in various ways as a means of executing arbitrary

commands. Commands and scripts can be embedded in [Initial Access](<https://attack.mitre.org/tactics/TA0001>) payloads delivered to victims as lure documents or as secondary payloads downloaded from an existing C2. Adversaries may also execute commands through interactive terminals/shells, as well as utilize various [Remote Services](<https://attack.mitre.org/techniques/T1021>) in order to achieve remote Execution. (Citation: Powershell Remote Commands)(Citation: Cisco IOS Software Integrity Assurance - Command History)(Citation: Remote Shell Execution in Python)

**Name**

Deobfuscate/Decode Files or Information

**ID**

T1140

**Description**

Adversaries may use [Obfuscated Files or Information](<https://attack.mitre.org/techniques/T1027>) to hide artifacts of an intrusion from analysis. They may require separate mechanisms to decode or deobfuscate that information depending on how they intend to use it. Methods for doing that include built-in functionality of malware or by using utilities present on the system. One such example is the use of [certutil](<https://attack.mitre.org/software/S0160>) to decode a remote access tool portable executable file that has been hidden inside a certificate file.(Citation: Malwarebytes Targeted Attack against Saudi Arabia) Another example is using the Windows `copy /b` command to reassemble binary fragments into a malicious payload.(Citation: Carbon Black Obfuscation Sept 2016) Sometimes a user's action may be required to open it for deobfuscation or decryption as part of [User Execution](<https://attack.mitre.org/techniques/T1204>). The user may also be required to input a password to open a password protected compressed/encrypted file that was provided by the adversary. (Citation: Volexity PowerDuke November 2016)

# Indicator

<b>Name</b>
1dd66462bd11d65247fff82ae81358c9e1b5e1024a953478b8a5de8f5fc5443a
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[file:hashes.'SHA-256' = '1dd66462bd11d65247fff82ae81358c9e1b5e1024a953478b8a5de8f5fc5443a']
<b>Name</b>
mynewbee.net
<b>Description</b>
Cobalt Strike botnet C2 domain (confidence level: 100%)
<b>Pattern Type</b>

stix

**Pattern**

[domain-name:value = 'mynewbee.net']

**Name**

http://15.235.202.109:2226

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[url:value = 'http://15.235.202.109:2226']

**Name**

animalsfast.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'animalsfast.net']

**Name**

980e2dccc3b83bab32b13f82091f37a2ffcf302c7fb7e87532c7c618f68c0753

**Pattern Type**

stix

**Pattern**

[file:hashes!SHA-256' =  
'980e2dccc3b83bab32b13f82091f37a2ffcf302c7fb7e87532c7c618f68c0753']

**Name**

15.235.47.206

**Description**

Pikabot botnet C2 server (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '15.235.47.206']

**Name**

lindacolor.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'lindacolor.com']

**Name**

2dad1218d4950ba3a84cfce17af2d8d4ece92f623338d49b357ec9d973ecf8a8

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[file:hashes!SHA-256' =  
'2dad1218d4950ba3a84cfce17af2d8d4ece92f623338d49b357ec9d973ecf8a8']

**Name**

blocknowtech.net

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'blocknowtech.net']

**Name**

maluisepaul.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'maluisepaul.com']

**Name**

<https://brouweres.com:443/vvs49/0.6515179055030298.dat>

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[url:value = 'https://brouweres.com:443/vvs49/0.6515179055030298.dat']

**Name**

magementfair.com

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'magementfair.com']

**Name**

bluenetworking.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'bluenetworking.net']

**Name**

eedad7f5b6f1282ad988238cc8c39292fa99ea416f7793038a20e5caabe93112a

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[file:hashes.'SHA-256' =  
'eedad7f5b6f1282ad988238cc8c39292fa99ea416f7793038a20e5caabe93112a']

**Name**

auuditoe.com

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'auuditoe.com']

<b>Name</b>
steamteamdev.net
<b>Description</b>
Cobalt Strike botnet C2 domain (confidence level: 100%)
<b>Pattern Type</b>
stix
<b>Pattern</b>
[domain-name:value = 'steamteamdev.net']
<b>Name</b>
gift4animals.com
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[domain-name:value = 'gift4animals.com']
<b>Name</b>
51.79.143.215

**Description**

Pikabot botnet C2 server (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '51.79.143.215']

**Name**

businesforhome.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'businesforhome.com']

**Name**

4c267d4f7155d7f0686d1ac2ea861eaa926fd41a9d71e8f6952caf24492b376b

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

```
[file:hashes!SHA-256' =  
'4c267d4f7155d7f0686d1ac2ea861eaa926fd41a9d71e8f6952caf24492b376b']
```

**Name**

clearsystemwo.net

**Description**

Cobalt Strike botnet C2 domain (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

```
[domain-name:value = 'clearsystemwo.net']
```

**Name**

210.243.8.247

**Description**

Pikabot botnet C2 server (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '210.243.8.247']

**Name**

monitor-websystem.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'monitor-websystem.net']

**Name**

7e85b9d1d09301d8b3f48df44159347d89cb3c798d0436b5e9b060df4072b8c7

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

```
[file:hashes!SHA-256' =  
'7e85b9d1d09301d8b3f48df44159347d89cb3c798d0436b5e9b060df4072b8c7']
```

**Name**

gartenlofti.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

```
[domain-name:value = 'gartenlofti.com']
```

**Name**

unitedfrom.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

```
[domain-name:value = 'unitedfrom.com']
```

<b>Name</b>
2c49ff53d0cf0ea36f34148598b8eacca12a1a654bfc09c4e00d6b60a8ad57fe
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[file:hashes.'SHA-256' = '2c49ff53d0cf0ea36f34148598b8eacca12a1a654bfc09c4e00d6b60a8ad57fe']
<b>Name</b>
septcntr.com
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[domain-name:value = 'septcntr.com']
<b>Name</b>

ea63ac688aec3ab8920d83617f214922c16aedee341edbe3a18469179555fb21

### **Pattern Type**

stix

### **Pattern**

```
[file:hashes.'SHA-256' =  
'ea63ac688aec3ab8920d83617f214922c16aedee341edbe3a18469179555fb21']
```

### **Name**

64.176.67.194

### **Description**

\*\*ISP:\*\* The Constant Company, LLC \*\*OS:\*\* Windows Server 2022 (build 10.0.20348)  
----- Hostnames: - 64.176.67.194.vultrusercontent.com  
----- Domains: - vultrusercontent.com ----- Services:  
\*\*5985:\*\* `` HTTP/1.1 404 Not Found Content-Type: text/html; charset=us-ascii Server:  
Microsoft-HTTPAPI/2.0 Date: Mon, 20 Nov 2023 22:58:08 GMT Connection: close Content-  
Length: 315 WinRM NTLM Info: OS: Windows Server 2022 OS Build: 10.0.20348 Target Name:  
WIN-C49ADB459A NetBIOS Domain Name: WIN-C49ADB459A NetBIOS Computer Name: WIN-  
C49ADB459A DNS Domain Name: WIN-C49ADB459A FQDN: WIN-C49ADB459A ``  
-----

### **Pattern Type**

stix

### **Pattern**

```
[ipv4-addr:value = '64.176.67.194']
```

### **Name**

ruggioil.com

### **Description**

- **Unsafe:** True - **Server:** N/A - **Domain Rank:** 0 - **DNS Valid:** True -  
**Parking:** False - **Spamming:** False - **Malware:** True - **Phishing:** True -  
**Suspicious:** True - **Adult:** False - **Category:** N/A - **Domain Age:** {'human': '1  
month ago', 'timestamp': 1701890238, 'iso': '2023-12-06T14:17:18-05:00'} - **IPQS:** Domain:  
ruggioil.com - **IPQS:** IP Address: 173.44.141.202

### **Pattern Type**

stix

### **Pattern**

[domain-name:value = 'ruggioil.com']

### **Name**

wardeli.com

### **Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

### **Pattern Type**

stix

### **Pattern**

[domain-name:value = 'wardeli.com']

### **Name**

startupbizaud.net

**Description**

Cobalt Strike botnet C2 domain (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'startupbizaud.net']

**Name**

<https://lsn.edu.dz/pqis/?aWDzZBatBsyv>

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[url:value = 'https://lsn.edu.dz/pqis/?aWDzZBatBsyv']

**Name**

karmafisker.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'karmafisker.com']

**Name**

7094f89bf955dfbdcc4de8943af2328aa7475c2fb6af305c76a6df73aff8b1c3

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[file:hashes!SHA-256' =  
'7094f89bf955dfbdcc4de8943af2328aa7475c2fb6af305c76a6df73aff8b1c3']

**Name**

caspercan.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'caspercan.com']

**Name**

http://158.247.253.155:2225

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[url:value = 'http://158.247.253.155:2225']

**Name**

139.180.216.25

**Description**

\*\*ISP:\*\* The Constant Company, LLC \*\*OS:\*\* None ----- Hostnames: -  
139.180.216.25.vultrusercontent.com ----- Domains: -  
vultrusercontent.com ----- Services: \*\*22:\*\* `` SSH-2.0-OpenSSH\_8.2p1  
Ubuntu-4ubuntu0.9 Key type: ssh-rsa Key:  
AAAAB3NzaC1yc2EAAAQABAAABgQCvzHr5W2OouI07rWJVQJ6Ws9FyKuJ6Atr8nOloshLHs3YU  
er2qZDcW82gQX8RdrMMBY7NKUl+bYCG6djrqyHbPFwyCVqfEjmk84C8Noe6uoEOvZ13sVbt3n3R

FASsa23y+i9l00J3EjDjqBen/C1ObK770AvPd5IW7SWtNqWOohI7E7Bm3hUxc9xSITtTCB76PylzE  
sjds3OuFjTtvHBL9Mk8g8+biUQiP/2w0tNjJLWWZnR7BDPTk3xD8Oj3Qwi8cqScP3WlylFu7c9xQ  
E3vv6gtxBy1WT0C7zhbd6vHm9EE/Bv8/gplyz2N1+248/1pTpTZZ46+xiC596dD8ZcmmSnT9fED  
D64t5Bj5yXp2cEZbZ/qlZMxr0BtmyglUTDXJZKqz6qWdJHa8lS3zfqcAIPYb24euVEbZhD3ZbT3n  
8WaLvs/c6uGMuG7So4EyqMFjaH+Z8FauERQDwDnxums4x20rdKDbUUPiWiZkSzOdZxareoJE/  
6hD vKfTDzyQX68= Fingerprint: 57:0b:d0:85:3c:6c:1e:9a:25:e7:bd:a0:ab:d7:24:92 Kex Algorithms:  
curve25519-sha256 curve25519-sha256@libssh.org ecdh-sha2-nistp256 ecdh-sha2-nistp384  
ecdh-sha2-nistp521 diffie-hellman-group-exchange-sha256 diffie-hellman-group16-sha512  
diffie-hellman-group18-sha512 diffie-hellman-group14-sha256 Server Host Key Algorithms:  
rsa-sha2-512 rsa-sha2-256 ssh-rsa ecdsa-sha2-nistp256 ssh-ed25519 Encryption Algorithms:  
chacha20-poly1305@openssh.com aes128-ctr aes192-ctr aes256-ctr aes128-  
gcm@openssh.com aes256-gcm@openssh.com MAC Algorithms: umac-64-  
etm@openssh.com umac-128-etm@openssh.com hmac-sha2-256-etm@openssh.com  
hmac-sha2-512-etm@openssh.com hmac-sha1-etm@openssh.com umac-64@openssh.com  
umac-128@openssh.com hmac-sha2-256 hmac-sha2-512 hmac-sha1 Compression  
Algorithms: none zlib@openssh.com ^` -----

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '139.180.216.25']

**Name**

treeauwin.net

**Description**

Cobalt Strike botnet C2 domain (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'treeauwin.net']

**Name**

startuptechnologyw.net

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'startuptechnologyw.net']

**Name**

188.34.192.184

**Description**

\*\*ISP:\*\* Hetzner Online GmbH \*\*OS:\*\* Ubuntu ----- Hostnames: - static.184.192.34.188.clients.your-server.de - www.api.checksum.ch - api.checksum.ch ----- Domains: - your-server.de - checksum.ch ----- Services: \*\*22:\*\* `` SSH-2.0-OpenSSH\_8.9p1 Ubuntu-3ubuntu0.6 Key type: ecdsa-sha2-nistp256 Key:  
AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAlbmlzdHAyNTYAAABBDwGnvUXdFfMr69vON/39rmq Rvd9FXlBXa9ALXoRJbsJeNJFSgAJnajv31s218yHdZaa4bjtyW/RxnbKnwHUhKQ= Fingerprint: ae:0b:a5:33:d5:cf:b9:e1:b3:8f:5a:a1:67:9a:98:67 Kex Algorithms: curve25519-sha256 curve25519-sha256@libssh.org ecdh-sha2-nistp256 ecdh-sha2-nistp384 ecdh-sha2-nistp521 sntrup761x25519-sha512@openssh.com diffie-hellman-group-exchange-sha256 diffie-hellman-group16-sha512 diffie-hellman-group18-sha512 diffie-hellman-group14-sha256 kex-strict-s-v00@openssh.com Server Host Key Algorithms: rsa-sha2-512 rsa-sha2-256 ecdsa-sha2-nistp256 ssh-ed25519 Encryption Algorithms: chacha20-poly1305@openssh.com aes128-ctr aes192-ctr aes256-ctr aes128-gcm@openssh.com

```
aes256-gcm@openssh.com MAC Algorithms: umac-64-etm@openssh.com umac-128-  
etm@openssh.com hmac-sha2-256-etm@openssh.com hmac-sha2-512-etm@openssh.com  
hmac-sha1-etm@openssh.com umac-64@openssh.com umac-128@openssh.com hmac-  
sha2-256 hmac-sha2-512 hmac-sha1 Compression Algorithms: none zlib@openssh.com ~~  
----- **80:** ~~ HTTP/1.1 200 OK Server: nginx/1.18.0 (Ubuntu) Date: Mon, 08 Jan  
2024 04:49:09 GMT Content-Type: text/html Content-Length: 612 Last-Modified: Mon, 25 Dec  
2023 16:27:48 GMT Connection: keep-alive ETag: "6589ad84-264" Accept-Ranges: bytes ~~  
----- **443:** ~~ HTTP/1.1 404 Not Found Server: nginx/1.18.0 (Ubuntu) Date: Sat,  
06 Jan 2024 08:30:59 GMT Content-Length: 0 Connection: keep-alive ~~ HEARTBLEED:  
2024/01/06 08:31:33 188.34.192.184:443 - SAFE ----- **5000:** ~~ HTTP/1.1 404 Not  
Found Content-Length: 0 Date: Sat, 06 Jan 2024 14:38:30 GMT Server: Kestrel ~~  
-----
```

**Pattern Type**

stix

**Pattern**

```
[ipv4-addr:value = '188.34.192.184']
```

**Name**

http://172.233.156.100:13721

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

```
[url:value = 'http://172.233.156.100:13721']
```

<b>Name</b>
withclier.com
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[domain-name:value = 'withclier.com']
<b>Name</b>
masterunix.net
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[domain-name:value = 'masterunix.net']
<b>Name</b>
15.235.45.155

**Description**

Pikabot botnet C2 server (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '15.235.45.155']

**Name**

investmendvisor.net

**Description**

Cobalt Strike botnet C2 domain (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'investmendvisor.net']

**Name**

constrtionfirst.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'constructionfirst.com']

**Name**

15.235.44.231

**Description**

Pikabot botnet C2 server (confidence level: 50%)

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '15.235.44.231']

**Name**

15.235.202.109

**Description**

Pikabot botnet C2 server (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '15.235.202.109']

**Name**

<https://brouweres.com:443/vvs49/0.15313287608559223.dat>

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[url:value = 'https://brouweres.com:443/vvs49/0.15313287608559223.dat']

**Name**

<http://15.235.45.155:2221>

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[url:value = 'http://15.235.45.155:2221']

<b>Name</b>
154.61.75.156
<b>Description</b>
Pikabot botnet C2 server (confidence level: 50%)
<b>Pattern Type</b>
stix
<b>Pattern</b>
[ipv4-addr:value = '154.61.75.156']
<b>Name</b>
6f9b2fdac415c7eb7fcc31c5ff9aac7e6347ddf4747985b7bac4f76a6f9da193
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[file:hashes.'SHA-256' = '6f9b2fdac415c7eb7fcc31c5ff9aac7e6347ddf4747985b7bac4f76a6f9da193']
<b>Name</b>

ed4bba5e886871527fa56beb280f222ef0fde97686db00a74ee02c1a44a0094d

**Pattern Type**

stix

**Pattern**

```
[file:hashes.'SHA-256' =  
'ed4bba5e886871527fa56beb280f222ef0fde97686db00a74ee02c1a44a0094d']
```

**Name**

realeinvestment.net

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

```
[domain-name:value = 'realeinvestment.net']
```

**Name**

investmentrealtyhp.net

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'investmentrealtyhp.net']

**Name**

settingfir.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'settingfir.com']

**Name**

blockcentersys.net

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'blockcentersys.net']

**Name**

http://15.235.44.231:5938

**Description**

- \*\*Unsafe:\*\* False - \*\*Server:\*\* N/A - \*\*Domain Rank:\*\* 0 - \*\*DNS Valid:\*\* False - \*\*Parking:\*\* False - \*\*Spamming:\*\* False - \*\*Malware:\*\* False - \*\*Phishing:\*\* False - \*\*Suspicious:\*\* True - \*\*Adult:\*\* False - \*\*Category:\*\* N/A - \*\*Domain Age:\*\* {'human': 'N/A', 'timestamp': None, 'iso': None} - \*\*IPQS: Domain:\*\* 15.235.44.231

**Pattern Type**

stix

**Pattern**

[url:value = 'http://15.235.44.231:5938']

**Name**

b436380d62bab42fa6b3adc592e1b6b0bd05c5cb1b0c08aa5c55eae738729e7

**Pattern Type**

stix

**Pattern**

[file:hashes!SHA-256' =  
'b436380d62bab42fa6b3adc592e1b6b0bd05c5cb1b0c08aa5c55eae738729e7']

<b>Name</b>
stockinvestlab.net
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[domain-name:value = 'stockinvestlab.net']
<b>Name</b>
http://15.235.47.80:23399
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[url:value = 'http://15.235.47.80:23399']
<b>Name</b>
15.235.47.80

Description
Pikabot botnet C2 server (confidence level: 100%)
Pattern Type
stix
Pattern
[ipv4-addr:value = '15.235.47.80']
Name
64.176.5.228
Description
**ISP:** The Constant Company, LLC **OS:** Windows Server 2022 (build 10.0.20348) ----- Hostnames: - 64.176.5.228.vultrusercontent.com ----- Domains: - vultrusercontent.com ----- Services: **3389:** ` Remote Desktop Protocol \x03\x00\x00\x13\x0e\xd0\x00\x00\x124\x00\x02\x1f\x08\x00\x02\x00\x00\x00 Remote Desktop Protocol NTLM Info: OS: Windows Server 2022 OS Build: 10.0.20348 Target Name: ALERO5 NetBIOS Domain Name: ALERO5 NetBIOS Computer Name: ALERO5 DNS Domain Name: alero5 FQDN: alero5 ` ----- **5985:** ` HTTP/1.1 404 Not Found Content-Type: text/html; charset=us-ascii Server: Microsoft-HTTPAPI/2.0 Date: Sun, 19 Nov 2023 12:56:38 GMT Connection: close Content-Length: 315 WinRM NTLM Info: OS: Windows Server 2022 OS Build: 10.0.20348 Target Name: ALERO5 NetBIOS Domain Name: ALERO5 NetBIOS Computer Name: ALERO5 DNS Domain Name: alero5 FQDN: alero5 ` -----
Pattern Type
stix
Pattern

[ipv4-addr:value = '64.176.5.228']

**Name**

http://51.195.232.97:13782

**Description**

- \*\*Unsafe:\*\* False - \*\*Server:\*\* N/A - \*\*Domain Rank:\*\* 0 - \*\*DNS Valid:\*\* False - \*\*Parking:\*\* False - \*\*Spamming:\*\* False - \*\*Malware:\*\* False - \*\*Phishing:\*\* False - \*\*Suspicious:\*\* True - \*\*Adult:\*\* False - \*\*Category:\*\* N/A - \*\*Domain Age:\*\* {'human': 'N/A', 'timestamp': None, 'iso': None} - \*\*IPQS: Domain:\*\* 51.195.232.97

**Pattern Type**

stix

**Pattern**

[url:value = 'http://51.195.232.97:13782']

**Name**

taskthebox.net

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'taskthebox.net']

**Name**

51.68.147.114

**Description**

Pikabot botnet C2 server (confidence level: 50%)

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '51.68.147.114']

**Name**

conectmeto.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'conectmeto.net']

**Name**

buyadvisershop.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'buyadvisershop.net']

**Name**

fb63777f81cebd7a9f2f1c7f2a8982499fe4d18b9f4aa4e7ed589ceefac47de

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[file:hashes.'SHA-256' =  
'fb63777f81cebd7a9f2f1c7f2a8982499fe4d18b9f4aa4e7ed589ceefac47de']

**Name**

sandelias.com

## Description

Created by VirusTotal connector as the positive count was  $\geq 10$

## Pattern Type

stix

## Pattern

[domain-name:value = 'sandelias.com']

## Name

<http://210.243.8.247:23399>

## Description

- \*\*Unsafe:\*\* False - \*\*Server:\*\* N/A - \*\*Domain Rank:\*\* 0 - \*\*DNS Valid:\*\* False - \*\*Parking:\*\* False - \*\*Spamming:\*\* False - \*\*Malware:\*\* False - \*\*Phishing:\*\* False - \*\*Suspicious:\*\* True - \*\*Adult:\*\* False - \*\*Category:\*\* N/A - \*\*Domain Age:\*\* {'human': 'N/A', 'timestamp': None, 'iso': None} - \*\*IPQS: Domain:\*\* 210.243.8.247

## Pattern Type

stix

## Pattern

[url:value = 'http://210.243.8.247:23399']

## Name

allcompanycenter.com

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'allcompanycenter.com']

**Name**

cloudwebstart.net

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'cloudwebstart.net']

**Name**

158.247.253.155

**Description**

\*\*ISP:\*\* The Constant Company, LLC \*\*OS:\*\* Windows Server 2022 (build 10.0.20348)

----- Hostnames: - 158-247-253-155.constant.com -----

Domains: - constant.com ----- Services: \*\*22:\*\* `` SSH-2.0-

OpenSSH\_7.6p1 Key type: ssh-rsa Key:

AAAAB3NzaC1yc2EAAAQABAAQDaluLlb4e8ucFk5y2MWCA+YgTwAsmzYDHyA3jSTuDGxp  
Uf QoB0f65wi/cLqE9J70C2zGgYziCR30HELuEdKnw9706sd94Qy5D04TbcoMlf8lQywL0gtad5QZSg

```
vzmdwZ3+qUv81FBleAD2WWqgNyQiUpWMIWxawJZUBgBsKn8/521L8skIDEEcNTlTYjsTIJ/Brj0
+o+MKg0/gPIVLSE0vXksWDxm2f/bGSuBHCfS1ES++CdumCGEva2xzZf22DY6JFfWBMYB5cQHSvQv
Gt0w9isTnR7oKi7oWFlo75zB7xlVIEtBi947p0F6SjgeAswoZYPJe5cxx01IpDlGzZuqH0/W29Zf m7M/
puM9G+cJV/R3ulVXPgwCS+gJbL7cudRoM2F/1cQfRXeQ254qvOYAXKivcdDQStjjMa9ewcjT
Ug55YMeQgYYgKc2Xm6yOvr2r57xpTlzqxxLefsqn1HDHLWKli+BJ077jgY7ONiCsZyGs12YXCdXh
OPO4Y5HBgS5YwCRT0aFGimFSAWNBZMiBbwpnvCAPRY6EtPcj2fJTIo+U/
7k6yNSodYV20xg1nQ WQ5druPIZuZPjryki8ij/
HazmeRGnzaqR0Wb1q6LI9f5aFz41v1ETXIXSQQs1LOSy9mKo96wPL1y WyKM47FAci/
oJ8UKEA+LR2N5YWhpXQ== Fingerprint: 06:d0:c6:28:ca:78:d1:fb:f9:9f:73:3e:bc:1b:b7:9d Kex
Algorithms: curve25519-sha256@libssh.org diffie-hellman-group-exchange-sha256 Server
Host Key Algorithms: ssh-rsa rsa-sha2-512 rsa-sha2-256 ssh-ed25519 Encryption Algorithms:
chacha20-poly1305@openssh.com aes256-gcm@openssh.com aes128-gcm@openssh.com
aes256-ctr aes128-ctr MAC Algorithms: umac-128-etm@openssh.com hmac-sha2-512 hmac-
sha2-256 Compression Algorithms: none zlib@openssh.com `` ----- **500:** ``
VPN (IKE) Initiator SPI: 77316a6767777471 Responder SPI: 326e336a6c646a31 Next Payload:
RESERVED Version: 2.0 Exchange Type: DOI Specific Use Flags: Encryption: False Commit:
False Authentication: False Message ID: 00000000 Length: 36 `` ----- **5985:** ``
`` HTTP/1.1 404 Not Found Content-Type: text/html; charset=us-ascii Server: Microsoft-
HTTPAPI/2.0 Date: Sun, 19 Nov 2023 21:17:22 GMT Connection: close Content-Length: 315
WinRM NTLM Info: OS: Windows Server 2022 OS Build: 10.0.20348 Target Name: ALERO1
NetBIOS Domain Name: ALERO1 NetBIOS Computer Name: ALERO1 DNS Domain Name:
alero1 FQDN: alero1 `` -----
```

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '158.247.253.155']

**Name**

http://139.180.216.25:2967

**Description**

Created by VirusTotal connector as the positive count was &gt;= 10

**Pattern Type**

stix

**Pattern**

[url:value = 'http://139.180.216.25:2967']

**Name**

07279c93f0532a4f5bc4617ab3cb30b7c336f71f587e934a5a0e35ce88fbf632

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[file:hashes.'SHA-256' =  
'07279c93f0532a4f5bc4617ab3cb30b7c336f71f587e934a5a0e35ce88fbf632']

**Name**

garbagemoval.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'garbagemoval.com']

**Name**

monitorsystem.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'monitorsystem.net']

**Name**

cloudworldst.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'cloudworldst.net']

**Name**

building4business.net

**Description**

Cobalt Strike botnet C2 domain (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'building4business.net']

**Name**

wellsystemte.net

**Description**

Cobalt Strike botnet C2 domain (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'wellsystemte.net']

**Name**

<http://65.20.78.68:13721>

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[url:value = 'http://65.20.78.68:13721']

**Name**

trailgroup1.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'trailgroup1.net']

**Name**

<https://sindicaturadetectate.gob.mx/pe/?IDbHJCMofpElzDQjrcwNcDqHoiQRnSKZQcA>

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

```
[url:value = 'https://sindicaturadetectate.gob.mx/pe/?
IDbHJCMofpElzDQjrcwNcDqHoiQRnSKZQcA']
```

**Name**

8514b9d2fe185989d996a2669788910405af5e8fd7102ab3decdd4d727af35df

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

```
[file:hashes.'SHA-256' =
'8514b9d2fe185989d996a2669788910405af5e8fd7102ab3decdd4d727af35df']
```

**Name**

getnewsolutions.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'getfnewsolutions.com']

**Name**

reelsysmoona.net

**Description**

Cobalt Strike botnet C2 domain (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'reelsysmoona.net']

**Name**

prettyanimals.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'prettyanimals.net']

**Name**

http://188.34.192.184/76DKN6/Wheez

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[url:value = 'http://188.34.192.184/76DKN6/Wheez']

**Name**

http://64.176.5.228:13783

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[url:value = 'http://64.176.5.228:13783']

<b>Name</b>
http://154.92.19.139:2222
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[url:value = 'http://154.92.19.139:2222']
<b>Name</b>
unoughn.com
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[domain-name:value = 'unoughn.com']
<b>Name</b>
brendonline.com

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'brendonline.com']

**Name**

<http://70.34.209.101:13720>

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[url:value = 'http://70.34.209.101:13720']

**Name**

8045ea8720b66291e3c00f6fd1925de11241410421851b7cabe4a707875a1004

**Pattern Type**

stix

**Pattern**

```
[file:hashes.'SHA-256' =  
'8045ea8720b66291e3c00f6fd1925de11241410421851b7cabe4a707875a1004']
```

**Name**

154.92.19.139

**Description**

Pikabot botnet C2 server (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

```
[ipv4-addr:value = '154.92.19.139']
```

**Name**

<https://brouweres.com:443/vvs49/0.8450027286577588.dat>

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[url:value = 'https://brouweres.com:443/vvs49/0.8450027286577588.dat']

**Name**

29a12bf2f2ff68027ae042a24f1c1285c6bc4b7a495d3d2a8f565ef67141eca8

**Pattern Type**

stix

**Pattern**

[file:hashes!SHA-256' =  
'29a12bf2f2ff68027ae042a24f1c1285c6bc4b7a495d3d2a8f565ef67141eca8']

**Name**

33e03a536f869dee3ffa0b1bc8c885f77c50d0a7974b6e9b4041a5a254255c34

**Pattern Type**

stix

**Pattern**

[file:hashes!SHA-256' =  
'33e03a536f869dee3ffa0b1bc8c885f77c50d0a7974b6e9b4041a5a254255c34']

**Name**

46e0fe3a942bb1f9aa9cd1b460ca7efa9acddb3c5b2d2bc3b42a87d8463f1c66

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

```
[file:hashes.'SHA-256' =  
'46e0fe3a942bb1f9aa9cd1b460ca7efa9acddb3c5b2d2bc3b42a87d8463f1c66']
```

**Name**

6e18eb1884d2a1a20a0d6a4dcda1b7ab342271b2de0d0327848f37eb45e785e

**Pattern Type**

stix

**Pattern**

```
[file:hashes.'SHA-256' =  
'6e18eb1884d2a1a20a0d6a4dcda1b7ab342271b2de0d0327848f37eb45e785e']
```

**Name**

buzzybeet.net

**Description**

Cobalt Strike botnet C2 domain (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'buzzybeet.net']

**Name**

http://154.221.30.136:13724

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[url:value = 'http://154.221.30.136:13724']

**Name**

6c13985e067cfad583bb1f5751821e649a61a41171a5f95ee9dfd254c04f71a8

**Pattern Type**

stix

**Pattern**

[file:hashes.'SHA-256' =  
'6c13985e067cfad583bb1f5751821e649a61a41171a5f95ee9dfd254c04f71a8']

**Name**

erihudeg.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'erihudeg.com']

**Name**

http://51.68.147.114:2083

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[url:value = 'http://51.68.147.114:2083']

**Name**

brouweres.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'brouweres.com']

**Name**

http://15.235.47.206:13783

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[url:value = 'http://15.235.47.206:13783']

**Name**

neobeelab.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'neobeeelab.net']

**Name**

seohomee.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'seohomee.com']

**Name**

65.20.78.68

**Description**

\*\*ISP:\*\* The Constant Company, LLC \*\*OS:\*\* Windows Server 2022 (build 10.0.20348)

----- Hostnames: - 65.20.78.68.vultrusercontent.com

----- Domains: - vultrusercontent.com ----- Services:

\*\*3389:\*\* ~~ Remote Desktop Protocol

\x03\x00\x00\x13\x0e\xd0\x00\x00\x124\x00\x02\x1f\x08\x00\x02\x00\x00\x00 Remote Desktop Protocol NTLM Info: OS: Windows Server 2022 OS Build: 10.0.20348 Target Name: ALERO1 NetBIOS Domain Name: ALERO1 NetBIOS Computer Name: ALERO1 DNS Domain Name: alero1 FQDN: alero1 ~~ -----

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '65.20.78.68']

**Name**

3b13380f7dfd615707887f3e8904f432aacdbb111822dd596a44366cb5526624

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[file:hashes:'SHA-256' =  
'3b13380f7dfd615707887f3e8904f432aacdbb111822dd596a44366cb5526624']

**Name**

nutiensel.com

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'nutiensel.com']

**Name**

startupbusiness24.net

**Description**

- \*\*Unsafe:\*\* True - \*\*Server:\*\* N/A - \*\*Domain Rank:\*\* 0 - \*\*DNS Valid:\*\* True -  
\*\*Parking:\*\* False - \*\*Spamming:\*\* False - \*\*Malware:\*\* True - \*\*Phishing:\*\* True -  
\*\*Suspicious:\*\* True - \*\*Adult:\*\* False - \*\*Category:\*\* N/A - \*\*Domain Age:\*\* {'human': '3  
weeks ago', 'timestamp': 1703326400, 'iso': '2023-12-23T05:13:20-05:00'} - \*\*IPQS: Domain:\*\*  
startupbusiness24.net - \*\*IPQS: IP Address:\*\* 95.179.128.84

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'startupbusiness24.net']

**Name**

mytrailinvest.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'mytrailinvest.net']

**Name**

welausystem.net

**Description**

Cobalt Strike botnet C2 domain (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'welausystem.net']

**Name**

investsystemus.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'investsystemus.net']

<b>Name</b>
154.221.30.136
<b>Description</b>
Pikabot botnet C2 server (confidence level: 100%)
<b>Pattern Type</b>
stix
<b>Pattern</b>
[ipv4-addr:value = '154.221.30.136']
<b>Name</b>
http://64.176.67.194:2967
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[url:value = 'http://64.176.67.194:2967']
<b>Name</b>
1d365a8a2e72a81a6ffbc6c0c32b28e580872e57df184c270b4fa47ac8b8bf2b

**Pattern Type**

stix

**Pattern**

```
[file:hashes!SHA-256' =  
'1d365a8a2e72a81a6ffbc6c0c32b28e580872e57df184c270b4fa47ac8b8bf2b']
```

**Name**

<https://brouweres.com:443/vvs49/0.9900618798908114.dat>

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

```
[url:value = 'https://brouweres.com:443/vvs49/0.9900618798908114.dat']
```

**Name**

7808be7f2b92c775f6ef047ffc857d8731e75bf486a45fec1c4d199b43c5a6c2

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

```
[file:hashes.'SHA-256' =  
'7808be7f2b92c775f6ef047ffc857d8731e75bf486a45fec1c4d199b43c5a6c2']
```

**Name**

<http://51.79.143.215:13783>

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

```
[url:value = 'http://51.79.143.215:13783']
```

**Name**

conitreid.com

**Description**

```
- **Unsafe:** True - **Server:** N/A - **Domain Rank:** 0 - **DNS Valid:** True -  
**Parking:** False - **Spamming:** False - **Malware:** True - **Phishing:** True -  
**Suspicious:** True - **Adult:** False - **Category:** N/A - **Domain Age:** {'human': '4  
weeks ago', 'timestamp': 1702457006, 'iso': '2023-12-13T03:43:26-05:00'} - **IPQS: Domain:**  
conitreid.com - **IPQS: IP Address:** 45.155.249.7
```

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'conitreid.com']

**Name**

79b1ac4dc5cae6d03548c2ab570e98f9cfb7e4da24480ce3d513b1abdd13bf21

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[file:hashes.'SHA-256' =  
'79b1ac4dc5cae6d03548c2ab570e98f9cfb7e4da24480ce3d513b1abdd13bf21']

**Name**

masterunis.net

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'masterunis.net']

**Name**

reganter.com

**Description**

- \*\*Unsafe:\*\* True - \*\*Server:\*\* - \*\*Domain Rank:\*\* 0 - \*\*DNS Valid:\*\* True - \*\*Parking:\*\* False - \*\*Spamming:\*\* False - \*\*Malware:\*\* True - \*\*Phishing:\*\* True - \*\*Suspicious:\*\* True - \*\*Adult:\*\* False - \*\*Category:\*\* N/A - \*\*Domain Age:\*\* {'human': '4 weeks ago', 'timestamp': 1702290674, 'iso': '2023-12-11T05:31:14-05:00'} - \*\*IPQS: Domain:\*\* reganter.com - \*\*IPQS: IP Address:\*\* 5.39.221.36

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'reganter.com']

**Name**

137.220.55.190

**Description**

Pikabot botnet C2 server (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '137.220.55.190']

**Name**

188.26.127.4

**Description**

Pikabot botnet C2 server (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '188.26.127.4']

**Name**

softradar.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'softradar.net']

**Name**

getnewssolutions.com

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'getnewssolutions.com']

**Name**

http://137.220.55.190:2223

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[url:value = 'http://137.220.55.190:2223']

**Name**

http://154.61.75.156:2078

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[url:value = 'http://154.61.75.156:2078']

**Name**

51.195.232.97

**Description**

Pikabot botnet C2 server (confidence level: 100%)

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '51.195.232.97']

**Name**

gertefin.com

**Description**

Created by VirusTotal connector as the positive count was >= 10

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'gertefin.com']

**Name**

70.34.209.101

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[ipv4-addr:value = '70.34.209.101']

**Name**

airbusco.net

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'airbusco.net']

**Name**

jessvisser.com

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'jessvisser.com']

**Name**

schumacherbar.com

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'schumacherbar.com']

**Name**

<http://188.26.127.4:13785>

### Description

- \*\*Unsafe:\*\* False - \*\*Server:\*\* N/A - \*\*Domain Rank:\*\* 0 - \*\*DNS Valid:\*\* True - \*\*Parking:\*\* False - \*\*Spamming:\*\* False - \*\*Malware:\*\* False - \*\*Phishing:\*\* False - \*\*Suspicious:\*\* True - \*\*Adult:\*\* False - \*\*Category:\*\* N/A - \*\*Domain Age:\*\* {'human': 'N/A', 'timestamp': None, 'iso': None} - \*\*IPQS: Domain:\*\* 188.26.127.4 - \*\*IPQS: IP Address:\*\* 127.0.0.1

### Pattern Type

stix

### Pattern

[url:value = 'http://188.26.127.4:13785']

### Name

1a12028a0e0ecc32160e5372a45d95e3045421906f2c807b7c4c8f4a85d47469

### Description

Created by VirusTotal connector as the positive count was  $\geq 10$

### Pattern Type

stix

### Pattern

[file:hashes!SHA-256' = '1a12028a0e0ecc32160e5372a45d95e3045421906f2c807b7c4c8f4a85d47469']

<b>Name</b>
kolinileas.com
<b>Description</b>
Created by VirusTotal connector as the positive count was >= 10
<b>Pattern Type</b>
stix
<b>Pattern</b>
[domain-name:value = 'kolinileas.com']
<b>Name</b>
audsystemecll.net
<b>Description</b>
Cobalt Strike botnet C2 domain (confidence level: 100%)
<b>Pattern Type</b>
stix
<b>Pattern</b>
[domain-name:value = 'audsystemecll.net']
<b>Name</b>
ionoslaba.com

**Description**

Created by VirusTotal connector as the positive count was  $\geq 10$

**Pattern Type**

stix

**Pattern**

[domain-name:value = 'ionoslaba.com']

# Malware

Name
Pikabot

# Domain-Name

Value
karmafisker.com
building4business.net
treeauwin.net
maluisepaul.com
brendonline.com
steamteamdev.net
startupbusiness24.net
prettyanimals.net
welausystem.net
startuptechnologyw.net
conectmeto.net
wardeli.com
wellsystemte.net

withclier.com

unoughn.com

gartenlofti.com

reganter.com

buzzybeet.net

settingfir.com

investsystemus.net

nutiensel.com

ionoslaba.com

clearsystemwo.net

bluenetworking.net

gertefin.com

neobeelab.net

masterunis.net

monitorsystem.net

conitreid.com

airbusco.net

auuditoe.com

allcompanycenter.com

caspercan.com

mynewbee.net

buyadvisershop.net

magementfair.com

businesforhome.com

blocknowtech.net

brouweres.com

ruggioil.com

masterunix.net

stockinvestlab.net

getfnewssolutions.com

reelsysmoona.net

getfnewsolutions.com

lindacolor.com

softradar.net

constrtionfirst.com

blockcentersys.net

septcntr.com

investmendvisor.net

trailgroup1.net

cloudwebstart.net

investmentrealtyhp.net

gift4animals.com

kolinileas.com

realeinvestment.net

sandelias.com

mytrailinvest.net

schumacherbar.com

startupbizaud.net

monitor-websystem.net

seohomee.com

garbagemoval.com

animalsfast.net

audsystemecll.net

jessvisser.com

unitedfrom.com

taskthebox.net

erihudeg.com

cloudworldst.net

# StixFile

Value
6f9b2fdac415c7eb7fcc31c5ff9aac7e6347ddf4747985b7bac4f76a6f9da193
1dd66462bd11d65247fff82ae81358c9e1b5e1024a953478b8a5de8f5fc5443a
7808be7f2b92c775f6ef047ffc857d8731e75bf486a45fec1c4d199b43c5a6c2
6e18eb1884d2a1a20a0d6a4dcda1b7ab342271b2de0d0327848f37eb45e785e
79b1ac4dc5cae6d03548c2ab570e98f9cfb7e4da24480ce3d513b1abdd13bf21
7e85b9d1d09301d8b3f48df44159347d89cb3c798d0436b5e9b060df4072b8c7
6c13985e067cfad583bb1f5751821e649a61a41171a5f95ee9dfd254c04f71a8
4c267d4f7155d7f0686d1ac2ea861eaa926fd41a9d71e8f6952caf24492b376b
ea63ac688aec3ab8920d83617f214922c16aedee341edbe3a18469179555fb21
1a12028a0e0ecc32160e5372a45d95e3045421906f2c807b7c4c8f4a85d47469
eedad7f5b6f1282ad988238cc8c39292fa99ea416f7793038a20e5caabe93112a
8514b9d2fe185989d996a2669788910405af5e8fd7102ab3decdd4d727af35df
7094f89bf955dfbdcc4de8943af2328aa7475c2fb6af305c76a6df73aff8b1c3

2c49ff53d0cf0ea36f34148598b8eacca12a1a654bfc09c4e00d6b60a8ad57fe

8045ea8720b66291e3c00f6fd1925de11241410421851b7cabe4a707875a1004

2dad1218d4950ba3a84cfce17af2d8d4ece92f623338d49b357ec9d973ecf8a8

1d365a8a2e72a81a6ffbc6c0c32b28e580872e57df184c270b4fa47ac8b8bf2b

46e0fe3a942bb1f9aa9cd1b460ca7efa9acddb3c5b2d2bc3b42a87d8463f1c66

ed4bba5e886871527fa56beb280f222ef0fde97686db00a74ee02c1a44a0094d

980e2dccc3b83bab32b13f82091f37a2ffcf302c7fb7e87532c7c618f68c0753

33e03a536f869dee3ffa0b1bc8c885f77c50d0a7974b6e9b4041a5a254255c34

3b13380f7dfd615707887f3e8904f432aacdbb111822dd596a44366cb5526624

b436380d62babc42fa6b3adc592e1b6b0bd05c5cb1b0c08aa5c55eae738729e7

29a12bf2f2ff68027ae042a24f1c1285c6bc4b7a495d3d2a8f565ef67141eca8

07279c93f0532a4f5bc4617ab3cb30b7c336f71f587e934a5a0e35ce88fbf632

fb63777f81cebd7a9f2f1c7f2a8982499fe4d18b9f4aa4e7ed589ceefac47de

# IPv4-Addr

Value
51.79.143.215
137.220.55.190
188.34.192.184
15.235.44.231
154.92.19.139
210.243.8.247
15.235.47.206
139.180.216.25
154.61.75.156
64.176.5.228
15.235.202.109
15.235.47.80
154.221.30.136

65.20.78.68

15.235.45.155

70.34.209.101

51.68.147.114

51.195.232.97

188.26.127.4

64.176.67.194

158.247.253.155

# Url

<b>Value</b>
<code>https://sindicaturadetectate.gob.mx/pe/? IDbHJCMofpElzDQjrcwNcDqHoiQRnSKZQcA</code>
<code>http://154.92.19.139:2222</code>
<code>http://51.79.143.215:13783</code>
<code>http://188.34.192.184/76DKN6/Wheez</code>
<code>https://brouweres.com:443/vvs49/0.15313287608559223.dat</code>
<code>http://51.195.232.97:13782</code>
<code>http://51.68.147.114:2083</code>
<code>http://15.235.47.80:23399</code>
<code>http://172.233.156.100:13721</code>
<code>http://15.235.44.231:5938</code>
<code>http://158.247.253.155:2225</code>
<code>http://15.235.47.206:13783</code>
<code>http://188.26.127.4:13785</code>

http://70.34.209.101:13720

https://brouweres.com:443/vvs49/0.6515179055030298.dat

http://65.20.78.68:13721

http://137.220.55.190:2223

http://64.176.5.228:13783

https://lsn.edu.dz/pqis/?aWDzZBatBsyv

https://brouweres.com:443/vvs49/0.8450027286577588.dat

http://154.61.75.156:2078

http://64.176.67.194:2967

https://brouweres.com:443/vvs49/0.9900618798908114.dat

http://139.180.216.25:2967

http://210.243.8.247:23399

http://15.235.202.109:2226

http://154.221.30.136:13724

http://15.235.45.155:2221

# External References

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- <https://otx.alienvault.com/pulse/659e657578d730b29e7590e5>
- [https://www.trendmicro.com/en\\_us/research/24/a/a-look-into-pikabot-spam-wave-campaign.html](https://www.trendmicro.com/en_us/research/24/a/a-look-into-pikabot-spam-wave-campaign.html)

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