



FIRMUS ADVISORY

MOVEIT RANSOMWARE

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IS 743259



Summary

MOVEit Transfer, an established file transfer software, has been the target of high-profile hacks all across the world, including in Malaysia. ClOp, a well-known threat group is behind all these ransomware attack. They exploited MOVEit which would lead to escalated privileges and potential unauthorized access to the environments. The method of attack is an SQL Injection attack to an unpatched MOVEit server that allow threat actor to gain access and execute arbitrary code remotely. The MOVEit Transfer web applications exposed to the internet were infected with the LEMURLOOT web shell, which was subsequently leveraged to steal data from underlying MOVEit Transfer databases.



Technical Details

MOVEit Transfer is a file transfer software used by organizations for file transfer operations that has a web application which supports MySQL, Microsoft SQL Server and Azure SQL database engines. The CLOP ransomware group used a SQL injection zero-day vulnerability CVE-2023-34362 in May 2023 to install the LEMURLOOT web shell on MOVEit Transfer web apps. Based on CVE-2023-34362, LEMURLOOT was utilised for persistence, information gathering and data theft. To communicate with MOVEit managed file transfer software, the webshell imports several libraries, including “MOVEit.DMZ.ClassLib”, “MOVEit.DMZ.Application.Files”, and “MOVEit.DMZ.Application.Users”. The web shell was first discovered with the name human2.aspx in an attempt to impersonate the legitimate human.aspx file included in MOVEit Transfer software.

After installation, the web shell generates a random 36-character password to be used for authentication. The web shell communicates with its operator by awaiting HTTP requests containing a header field named X-siLock-Comment, which must have a value assigned equal to the password established upon the installation of the web shell. Operators pass commands to the web shell after authenticating with it, which can:

- Retrieve Microsoft Azure system settings, Azure Blob Storage, Azure Blob Storage account, Azure Blob key, and Azure Blob Container
- Enumerate the underlying SQL Database
- Store a string given by the operator and then obtain a file with the same name from the MOVEit Transfer system.
- Create a new administrator privileged account with a randomly generated username and LoginName and RealName values set to “Health Check Service”.
- Delete an account with LoginName and RealName values set to “Health Check Service”



Detection Methods

YARA Rules

```
rule CISA_10450442_01 : LEMURLOOT webshell communicates_with_c2
remote_access
{
  meta:
    Author = "CISA Code & Media Analysis"
    Incident = "10450442"
    Date = "2023-06-07"
    Last_Modified = "20230609_1200"
    Actor = "n/a"
    Family = "LEMURLOOT"
    Capabilities = "communicates-with-c2"
    Malware_Type = "webshell"
    Tool_Type = "remote-access"
    Description = "Detects ASPX webshell samples"
    SHA256_1 =
"3a977446ed70b02864ef8cfa3135d8b134c93ef868a4cc0aa5d3c2a745457
25b"
  strings:
    $s1 = { 4d 4f 56 45 69 74 2e 44 4d 5a }
    $s2 = { 25 40 20 50 61 67 65 20 4c 61 6e 67 75 61 67 65 3d }
    $s3 = { 4d 79 53 51 4c }
    $s4 = { 41 7a 75 72 65 }
    $s5 = { 58 2d 73 69 4c 6f 63 6b 2d }
  condition:
    all of them
}
```



```
rule M_Webshell_LEMURLOOT_DLL_1 {
  meta:
    disclaimer = "This rule is meant for hunting and is not tested to run in
a production environment"
    description = "Detects the compiled DLLs generated from
human2.aspx LEMURLOOT payloads."
    sample =
"c58c2c2ea608c83fad9326055a8271d47d8246dc9cb401e420c0971c67e19
cbf"
    date = "2023/06/01"
    version = "1"
  strings:
    $net = "ASP.NET"
    $human = "Create_ASP_human2.aspx"
    $s1 = "X-siLock-Comment" wide
    $s2 = "X-siLock-Step3" wide
    $s3 = "X-siLock-Step2" wide
    $s4 = "Health Check Service" wide
    $s5 = "attachment; filename={0}" wide
  condition:
    uint16(0) == 0x5A4D and uint32(uint32(0x3C)) == 0x00004550 and
filesize < 15KB and
    $net and
    (
      ($human and 2 of ($s*)) or
      (3 of ($s*))
    )
}
```



```
rule M_Webshell_LEMURLOOT_1 {
  meta:
    disclaimer = "This rule is meant for hunting and is not tested to run in
a production environment"
    description = "Detects the LEMURLOOT ASP.NET scripts"
    md5 = "b69e23cd45c8ac71652737ef44e15a34"
    sample =
"cf23ea0d63b4c4c348865cefd70c35727ea8c82ba86d56635e488d816e60
ea45x"
    date = "2023/06/01"
    version = "1"
  strings:
    $head = "<%@ Page"
    $s1 = "X-siLock-Comment"
    $s2 = "X-siLock-Step"
    $s3 = "Health Check Service"
    $s4 = /pass, \"[a-z0-9]{8}-[a-z0-9]{4}/
    $s5 = "attachment;filename={0}"
  condition:
    filesize > 5KB and filesize < 10KB and
    (
      ($head in (0..50) and 2 of ($s*)) or
      (3 of ($s*))
    )
}
```



```
rule MOVEit_Transfer_exploit_webshell_aspx {  
  
  meta:  
  
    date = "2023-06-01"  
    description = "Detects indicators of compromise in MOVEit Transfer  
exploitation."  
    author = "Ahmet Payaslioglu - Binalyze DFIR Lab"  
    hash1 = "44d8e68c7c4e04ed3adacb5a88450552"  
    hash2 = "a85299f78ab5dd05e7f0f11ecea165ea"  
    reference1 =  
"https://www.reddit.com/r/msp/comments/13xjsly/tracking_emerging_m  
oveit_transfer_critical/"  
    reference2 =  
"https://www.bleepingcomputer.com/news/security/new-moveit-  
transfer-zero-day-mass-exploited-in-data-theft-attacks/"  
    reference3 =  
"https://gist.github.com/JohnHammond/44ce8556f798b7f6a7574148b67  
9c643"  
    verdict = "dangerous"  
    mitre = "T1505.003"  
    platform = "windows"  
    search_context = "filesystem"  
  
  strings:  
    $a1 = "MOVEit.DMZ"  
    $a2 = "Request.Headers[\"X-siLock-Comment\"]"  
    $a3 = "Delete FROM users WHERE RealName='Health Check Service'"  
    $a4 = "set[\"Username\"]"  
    $a5 = "INSERT INTO users (Username, LoginName, InstID, Permission,  
RealName"  
    $a6 = "Encryption.OpenFileForDecryption(dataFilePath,  
siGlobs.FileSystemFactory.Create())"  
    $a7 = "Response.StatusCode = 404;"  
  condition:  
  
    filesize < 10KB  
    and all of them  
}
```



```
rule MOVEit_Transfer_exploit_webshell_dll {  
  
  meta:  
  
    date = "2023-06-01"  
    description = "Detects indicators of compromise in MOVEit Transfer  
exploitation."  
    author = "Djordje Lukic - Binalyze DFIR Lab"  
    hash1 = "7d7349e51a9bdcdd8b5daeeefe6772b5"  
    hash2 = "2387be2afe2250c20d4e7a8c185be8d9"  
    reference1 =  
"https://www.reddit.com/r/msp/comments/13xjs1y/tracking_emerging_m  
oveit_transfer_critical/"  
    reference2 =  
"https://www.bleepingcomputer.com/news/security/new-moveit-  
transfer-zero-day-mass-exploited-in-data-theft-attacks/"  
    reference3 =  
"https://gist.github.com/JohnHammond/44ce8556f798b7f6a7574148b67  
9c643"  
    verdict = "dangerous"  
    mitre = "T1505.003"  
    platform = "windows"  
    search_context = "filesystem"  
  
  strings:  
    $a1 = "human2.aspx" wide  
    $a2 = "Delete FROM users WHERE RealName='Health Check Service'"  
wide  
    $a3 = "X-siLock-Comment" wide  
  condition:  
  
    uint16(0) == 0x5A4D and filesize < 20KB  
    and all of them  
}
```




Indicator of Compromise

File	Hash
LEMURLOOT Web Shell	<ul style="list-style-type: none"> ➤ 0b3220b11698b1436d1d866ac07cc90018e59884e91a8cb71ef8924309fle0e9
	<ul style="list-style-type: none"> ➤ 0ea05169d111415903a1098110c34cdbbd390c23016cd4e179dd9ef507104495
	<ul style="list-style-type: none"> ➤ 110e301d3b5019177728010202c8096824829c0b11bb0dc0bff55547ead18286
	<ul style="list-style-type: none"> ➤ 1826268249e1ea58275328102a5a8d158d36b4fd312009e4a2526f0bfbc30de2
	<ul style="list-style-type: none"> ➤ 2413b5d0750c23b07999ec33a5b4930be224b661aaf290a0118db803f31acbc5
	<ul style="list-style-type: none"> ➤ 2ccf7e42afd3f6bf845865c74b2e01e2046e541bb633d037b05bd1cdb296fa59
	<ul style="list-style-type: none"> ➤ 348e435196dd795e1ec31169bd111c7ec964e5a6ab525a562b17f10de0ab031d
	<ul style="list-style-type: none"> ➤ 387cee566aedbafa8c114ed1c6b98d8b9b65e9f178cf2f6ae2f5ac441082747a
	<ul style="list-style-type: none"> ➤ 38e69f4a6d2e81f28ed2dc6df0daf31e73ea365bd2cfc90ebc31441404cca264



	<ul style="list-style-type: none"> ➤ 3a977446ed70b02864ef8cfa3135d8b134c93ef868a4cc0a a5d3c2a74545725b ➤ 3ab73ea9aebf271e5f3ed701286701d0be688bf7ad4fb276c b4fbe35c8af8409 ➤ 3c0dbda8a5500367c22ca224919bfc87d725d890756222c 8066933286f26494c ➤ 4359aead416b1b2df8ad9e53c497806403a2253b7e13c033 17fc08ad3b0b95bf ➤ 48367d94ccb4411f15d7ef9c455c92125f3ad812f2363c4d2e 949ce1b615429a ➤ 58ccfb603cdc4d305fddd52b84ad3f58ff554f1af4d7ef1640 07cb8438976166 ➤ 5b566de1aa4b2f79f579cdac6283b33e98fdc8c1cfa6211a78 7f8156848d67ff ➤ 6015fed13c5510bbb89b0a5302c8b95a5b811982ff6de9930 725c4630ec4011d ➤ 702421bcee1785d93271d311f0203da34cc936317e299575b 06503945a6ea1e0 ➤ 769f77aace5eed4717c7d3142989b53bd5bac9297a6e11b2 c588c3989b397e6b
--	--



	<ul style="list-style-type: none">➤ 7c39499dd3b0b283b242f7b7996205a9b3cf8bd5c943ef6766992204d46ec5f1➤ 93137272f3654d56b9ce63bec2e40dd816c82fb6bad9985bed477f17999a47db➤ 98a30c7251cf622bd4abce92ab527c3f233b817a57519c2dd2bf8e3d3ccb7db8➤ 9d1723777de67bc7e11678db800d2a32de3bcd6c40a629cd165e3f7bbace8ead➤ 9e89d9f045664996067a05610ea2b0ad4f7f502f73d84321fb07861348fdc24a➤ a1269294254e958e0e58fc0fe887ebbc4201d5c266557f09c3f37542bd6d53d7➤ a8f6c1ccba662a908ef7b0cb3cc59c2d1c9e2cbbe1866937da81c4c616e68986➤ b1c299a9fe6076f370178de7b808f36135df16c4e438ef6453a39565ff2ec272➤ b5ef11d04604c9145e4fe1bedae52f2c2345703d52115a5bf11ea56d7fb6b03
--	---



	<ul style="list-style-type: none"> ➤ b9a0baf82feb08e42fa6ca53e9ec379e79fbe8362a7dac6150eb39c2d33d94ad ➤ bdd4fa8e97e5e6eaaac8d6178f1cf4c324b9c59fc276fd6b368e811b327ccf8b ➤ c56bcb513248885673645ff1df44d3661a75cfacdce485535da898aa9ba320d4 ➤ c77438e8657518221613fbce451c664a75f05beea2184a3ae67f30ea71d34f37 ➤ cec425b3383890b63f5022054c396f6d510fae436041add935cd6ce42033f621 ➤ cf23ea0d63b4c4c348865cefd70c35727ea8c82ba86d56635e488d816e60ea45 ➤ d477ec94e522b8d741f46b2c00291da05c72d21c359244ccb1c211c12b635899 ➤ d49cf23d83b2743c573ba383bf6f3c28da41ac5f745cde41ef8cd1344528c195 ➤ daaa102d82550f97642887514093c98ccd51735e025995c2cc14718330a856f4 ➤ e8012a15b6f6b404a33f293205b602ece486d01337b8b3ec331cd99ccadb562e
--	--



	<ul style="list-style-type: none">➤ ea433739fb708f5d25c937925e499c8d2228bf245653ee89a6f3d26a5fd00b7a ➤ ed0c3e75b7ac2587a5892ca951707b4e0dd9c8b18aaf8590c24720d73aa6b90c ➤ f0d85b65b9f6942c75271209138ab24a73da29a06bc6cc4faeddc825058c09d ➤ fe5f8388ccea7c548d587d1e2843921c038a9f4ddad3cb03f3aa8a45c29c6a2f
--	---

**Malicious Domain**

- [http://hiperfdhaus\[.\]com](http://hiperfdhaus[.]com)
- [http://jirostrogud\[.\]com](http://jirostrogud[.]com)
- [http://qweastradoc\[.\]com](http://qweastradoc[.]com)
- [http://qweastradoc\[.\]com/gate.php](http://qweastradoc[.]com/gate.php)
- [http://connectzoomdownload\[.\]com/download/ZoomInstaller.exe](http://connectzoomdownload[.]com/download/ZoomInstaller.exe)
- [http://zoom\[.\]voyage/download/Zoom.exe](http://zoom[.]voyage/download/Zoom.exe)
- [http\[:\]://guerdofest\[.\]com/gate.php](http[:]://guerdofest[.]com/gate.php)

HTTP Request

- POST /moveitisapi/moveitisapi.dll
- POST /guestaccess.aspx
- POST /api/v1/folders/[random]/files
- GET /human2.aspx

File Name

- human2.aspx
- human2.aspx.lnk
- huamn2.aspx.[random].compiled

**IP Addresses**

- 5.252.23.116
- 5.252.25.88
- 84.234.96.104
- 89.39.105.108
- 138.197.152.201
- 148.113.152.144
- 198.12.76.214
- 209.97.137.33
- 209.222.103.170
- 104.194.222.107
- 146.0.77.141
- 146.0.77.155
- 146.0.77.183
- 162.244.34.26
- 162.244.35.6
- 179.60.150.143
- 185.104.194.156
- 185.104.194.24
- 185.104.194.40
- 185.117.88.17
- 185.162.128.75
- 185.174.100.215
- 185.174.100.250
- 185.181.229.240
- 185.181.229.73
- 185.183.32.122
- 185.185.50.172
- 188.241.58.244
- 193.169.245.79
- 194.33.40.103



- 194.33.40.104
- 194.33.40.164
- 198.27.75.110
- 206.221.182.106
- 209.127.116.122
- 209.127.4.22
- 45.227.253.133
- 45.227.253.147
- 45.227.253.50
- 45.227.253.6
- 45.227.253.82
- 45.56.165.248
- 5.149.248.68
- 5.149.250.74
- 5.149.250.92
- 5.188.86.114
- 5.188.86.250
- 5.188.87.194
- 5.188.87.226
- 5.188.87.27
- 5.34.180.205
- 62.112.11.57
- 62.182.82.19
- 62.182.85.234
- 66.85.26.215
- 66.85.26.234
- 66.85.26.248
- 79.141.160.78
- 79.141.160.83
- 84.234.96.31
- 89.39.104.118



- 91.202.4.76
- 91.222.174.95
- 91.229.76.187
- 93.190.142.131

Affected Version

- MOVEit Transfer 2023.0.0 (15.0)
- MOVEit Transfer 2022.1.x (14.1)
- MOVEit Transfer 2022.0.x (14.0)
- MOVEit Transfer 2021.1.x (13.1)
- MOVEit Transfer 2021.0.x (13.0)
- MOVEit Transfer 2020.1.x (12.1)
- MOVEit Transfer 2020.0.x (12.0) or older

Fixed Version

- MOVEit Transfer 2023.0.2 (15.0.2)
- MOVEit Transfer 2022.1.6 (14.1.6)
- MOVEit Transfer 2022.0.5 (14.0.5)
- MOVEit Transfer 2021.1.5 (13.1.5)
- MOVEit Transfer 2021.0.7 (13.0.7)
- Special Patch (For MOVEit Transfer 12.1)
- Must upgrade to supported version (For MOVEit 12.0 and older)



CLOP Ransomware Group Tactics, Techniques and Procedures (TTPs)

Reconnaissance	Resource Development	Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Command and Control	Exfiltration	Impact
Active Scanning (T1046)	Access Access (T1078)	Cloud Administration Command (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)
Active Scanning (T1046)	Access Access (T1078)	Cloud Administration Command (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)	Account Manipulation (T1078)

Figure 1: MITRE Attack Navigator (CLOP MOVEIT RANSOMWARE)

Initial Access

T1190: Exploit Public-Facing Application

The zero-day vulnerability CVE-2023-34362 affecting the MOVEit Transfer software is exploited by the CLOP ransomware group. It started from a SQL Injection to infiltrate the MOVEit Transfer web application.

T1566: Phishing

A large number of spear-phishing emails were sent to employees by CLOP actors to gain initial access.



Execution

TI059.001: Command and Scripting Interpreter: PowerShell

CL0P actors utilize SDBot as a backdoor to execute commands and functions in the compromised computer.

TI059.003: Command and Scripting Interpreter

TinyMet, a small open-source Meterpreter stager is used by CL0P actors to establish a reverse shell to their C2 server.

TI129: Shared Modules

CL0P actors use TrueBot to download additional modules.

Persistence

TI505.003: Server Software Component: Web Shell

LEMURLOOT, a web-shell curated specifically for MOVEit transfer software. CL0P actors utilize this web-shell to authenticates incoming http requests via hard-coded password and can run commands that will download files from the MOVEit Transfer system, extract its Azure system settings, retrieve detailed record information, create, insert, or delete a particular user.

TI546.011: Event Triggered Execution: Application Shimming

SDBot malware is used by CL0P for application shimming, to avoid detection and for persistence.

Privilege Escalation

TI068: Exploitation for Privilege Escalation

CL0P actors managed to gain access to MOVEit Transfer databases by escalating privilege within compromised network.



Defense Evasion

T1055: Process Injection

TrueBot is used by CLOP to load shell code.

T1070: Indicator Removal

CLOP actors delete traces of TrueBot malware after using it.

T1574.002: Hijack Execution Flow: DLL Side-Loading

TrueBot is used to load DLLs.

Discovery

T1018: Remote System Discovery

CLOP actors use Cobalt Strike to expand network access after gaining access to the Active Directory (AD) servers.

Lateral Movement

T1021.002: Remote Services: SMB/Windows Admin Shares

CLOP actors have been seen attempting to compromise an AD server using Server Message Block (SMB) vulnerabilities, followed by Cobalt Strike activities.

T1563.002: Remote Service Session Hijacking: RDP Hijacking

After gaining initial access, CLOP ransomware attackers have been detected utilizing Remote Desktop Protocol (RDP) to interact with affected systems.

Collection

T1113: Screen Capture

CLOP actors utilize TrueBot to capture screenshots in order to obtain sensitive information.



Command and Control

T1071: Application Layer Protocol

CLOP actors communicate with the Command and Control (C2) using the FlawedAmmy remote access trojan (RAT).

T1105: Ingress Tool Transfer

CLOP actors are suspected of downloading additional malware components using the FlawedAmmy remote access trojan (RAT). They employ SDBot to place copies of itself in removable drives and network shares.

Exfiltration

T1041: Exfiltration Over C2 Channel

CLOP actors exfiltrate data for C2 channels.



Mitigations

In order to respond to MOVEit ransomware, FIRMUS implies that all organizations execute the mitigation listed below to improve their security posture.

Conduct Compromise Assessment on all Organization's assets

Conducting a compromise assessment is a proactive and essential step for organizations to avoid ransomware and strengthen their overall cybersecurity posture. A compromise assessment involves examining an organization's network and systems to identify any signs of compromise or unauthorized activity. By conducting this, FIRMUS believes that current the organization will be more secure because vulnerabilities will be identified and resolved before getting exploited. Compromised Assessments will also check whether the organization is compromised or not by MOVEit ransomware or any other threats.

Reduce threat of Malicious actors using Remote Access Tool

FIRMUS recommend organizations to reduce the threat of Remote Access Tool by:

- Auditing Remote Access tools on the network to identify currently used and authorized software.
- Using security software to detect instances of remote access software that is only loaded in memory.
- Requiring authorized remote access solutions, such as virtual private networks (VPNs) or virtual desktop interfaces (VDIs), to be used exclusively from within your network.
- Examining logs for execution of remote access software to detect abnormal use of programs running as a portable executable.
- Blocking both inbound and outbound connections on common remote access software ports and protocols at the network perimeter.



Implement Application Control

It is important to manage and control the execution of software, including allowlisting remote access programs. Application controls should prevent portable versions of unauthorized remote access and other applications from being installed and executed. Any unlisted program execution will be blocked by a properly configured application allowlisting solution. Allowlisting is crucial because antivirus programs can overlook the execution of dangerous portable executables if the files use any combination of compression, encryption, or obfuscation.

Limit the use of RDP and other remote desktop services

If RDP is necessary, implement these best practices as stated below.

- Audit the network for systems using RDP
- Enforce account lockouts after a specified number of attempts.
- Close unused RDP ports.
- Apply Multi-Factor Authentication (MFA)
- Log all RDP login attempts.

Disable Command-line and scripting

FIRMUS recommend disabling both of these features to protect against Script-based attacks and to limit malicious command execution. By disabling these features, organizations can reduce their attack surface.

PowerShell should be restricted

Only allow specific users to use PowerShell by utilizing Group Policy.

Update PowerShell Core and Windows PowerShell

Update to the latest version and uninstall the earlier version. Logs from the latest PowerShell can help in incident response activities.



Check for unrecognized or new accounts added

Review domain controllers, workstations, active directories and servers for any new accounts and unrecognized accounts.

Audit accounts with administrative privileges

Organizations should audit all accounts with administrative privileges and configure access controls according to the principle of least privilege.

Minimizing the threat of Compromised Credentials

Place domain admin accounts in the protected users' group. Avoid storing plaintext credentials in scripts.

Implement time-based access for accounts

Applying this time-based access can limit the time window during which the user accounts are active. Specific time periods will reduce the risk of unauthorized access and misuse of accounts.

Maintain offline backups

Ensure that organizations have a regularly offline maintained backup to ensure that if they got infected by the ransomware, the offline backup would not be infected. It is best to backup daily or weekly.

Network Segmentation

Segment the network to prevent ransomware from getting spread. Segmentation can control the flow of traffic and restrict the ransomware from infecting further.

Implement a recovery plan

Implement a recovery plan to save several copies of sensitive or proprietary data and servers in a physically isolated, segregated, and secure location.



Apply Multi-factor Authentication (MFA)

The best practice is to apply MFA to all services that is possible, particularly on VPN, webmail and accounts that access critical systems.

Software, Firmware and Operating Systems are up to date

Ensure that all are up to date, especially the MOVEit version that is stated above. Prioritize patching known vulnerabilities exploited in internet facing systems.

Disable unused ports and hyperlinks

Disable both of these features to minimize the attack surface of the organization. Hyperlinks in received emails are very devastating especially when CL0P ransomware method of attack is spear-phishing.

Ensure all backups re encrypted and immutable

Ensure that all backups cannot be deleted or altered.

Identify, detect, and investigate abnormal activity and potential traversal of the indicated ransomware with a networking monitoring tool.

Implement a system that logs and reports all network traffic, including lateral movement activity, to aid in the detection of ransomware. Endpoint detection and response (EDR) tools are very good for detecting lateral connections since they know what network connections are typical and rare for each host. FIRMUS offers EDR services that can help organizations to detect vulnerabilities and existing threats inside the organization.



Summary

The MOVEit ransomware has taken the world by storm. It is everyone's responsibility to share awareness and protect each other from this notorious attack. FIRMUS hopes by sharing this information with the community, we could all protect our organizations and the South-East Asia region from this evolving cyber threat landscape. FIRMUS would also like to remind you that we offer EDR services and Compromised Assessments service which help strengthen an organization's security posture and at the same time, identify whether the organization has been compromised or not. Lastly, FIRMUS hopes that organizations check their current networks and assets by utilizing the Indicator of Compromise given. For non-cybersecurity organizations, feel free to contact FIRMUS for any inquiries. You Change The World, We Secure It.



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