5 Hidden Signs of Ransomware Attack

Swipe to discover what most teams miss

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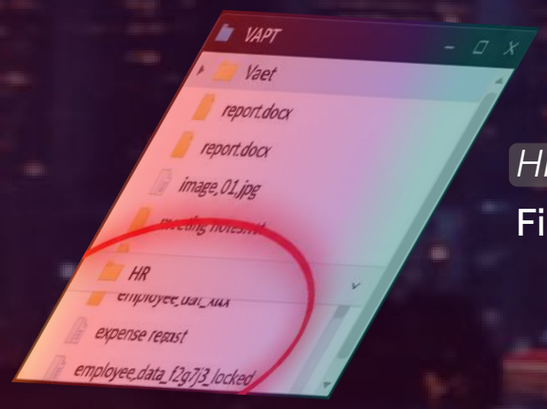
Unusual File Renames in Unimportant Folders

Attackers test encryption on low-value folders first like `/temp`, `/downloads`, or shared drives. A few renamed files with random extensions quietly appear before mass encryption starts.



`HR_Shared/2024 Reports/Report1.xlsx.locked`

File modified 2 mins ago by “UnknownUser123”

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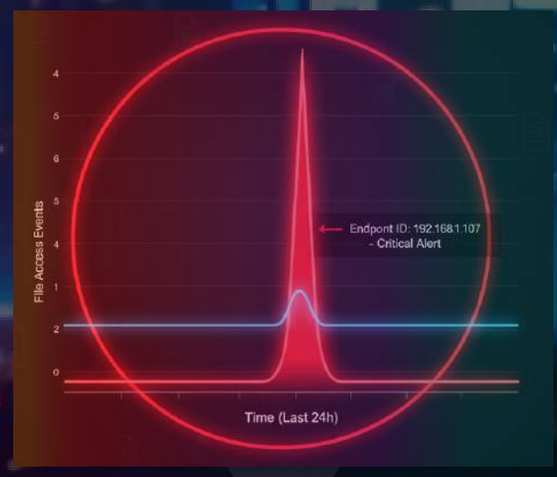
Unusual File Access Spikes from One Endpoint

Ransomware crawls the network rapidly, reading and writing thousands of files per minute. A single endpoint showing massive I/O activity = early-stage encryption in motion.

User: Mark-PC accessed 2,746 files in 4 minutes
no business reason logged.



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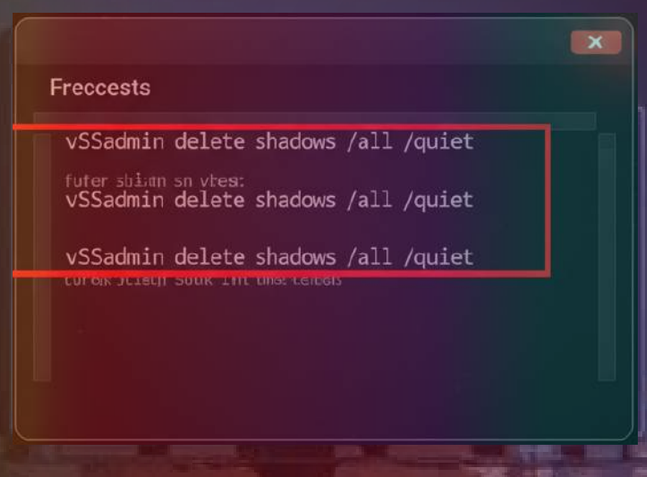
Disabled Shadow Copies or Backups Without Requests

Ransomware kills your lifelines first. They execute PowerShell commands like `vssadmin delete shadows /all /quiet` If your shadow copies disappear without IT approval, it's not maintenance. It's malice.

Backup schedule shows "Disabled" no change request from any admin.



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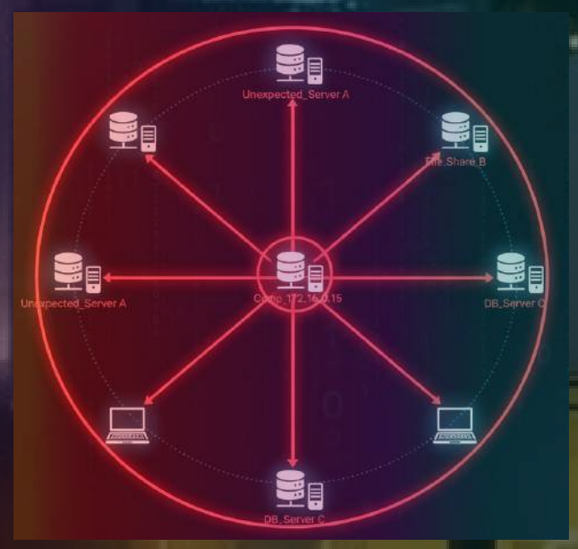
Suspicious Lateral Movement (SMB or PowerShell)

Attackers move laterally to reach domain controllers and servers before detonation. Look for strange authentication attempts between systems that never interacted before.

User: HR01 suddenly authenticates to *Finance-Server01* via SMB, first time ever.



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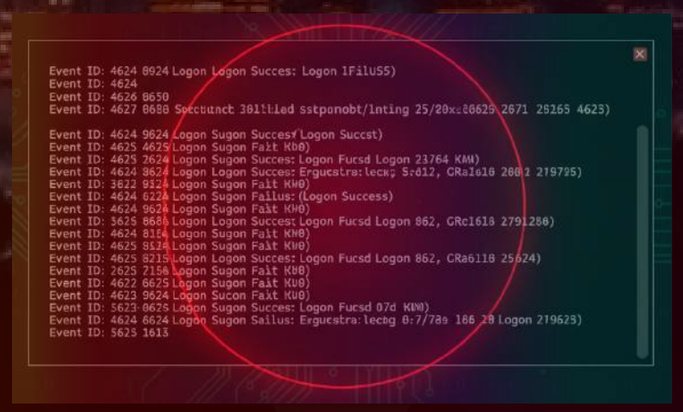
Surge in Login Events (4624/4625 IDs)

A flood of login attempts, successful (4624) and failed (4625), signals brute-force or credential-stuffing. It’s how attackers escalate before encrypting.

50 failed logins for the same admin account within 3 minutes from unknown IPs.



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By the time encryption starts, it’s too late to defend.

Train your team to detect behavior, not just alerts.

Ransomware Readiness Audit

Uncover your early warning gaps before attackers do

BOOK A MEETING

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