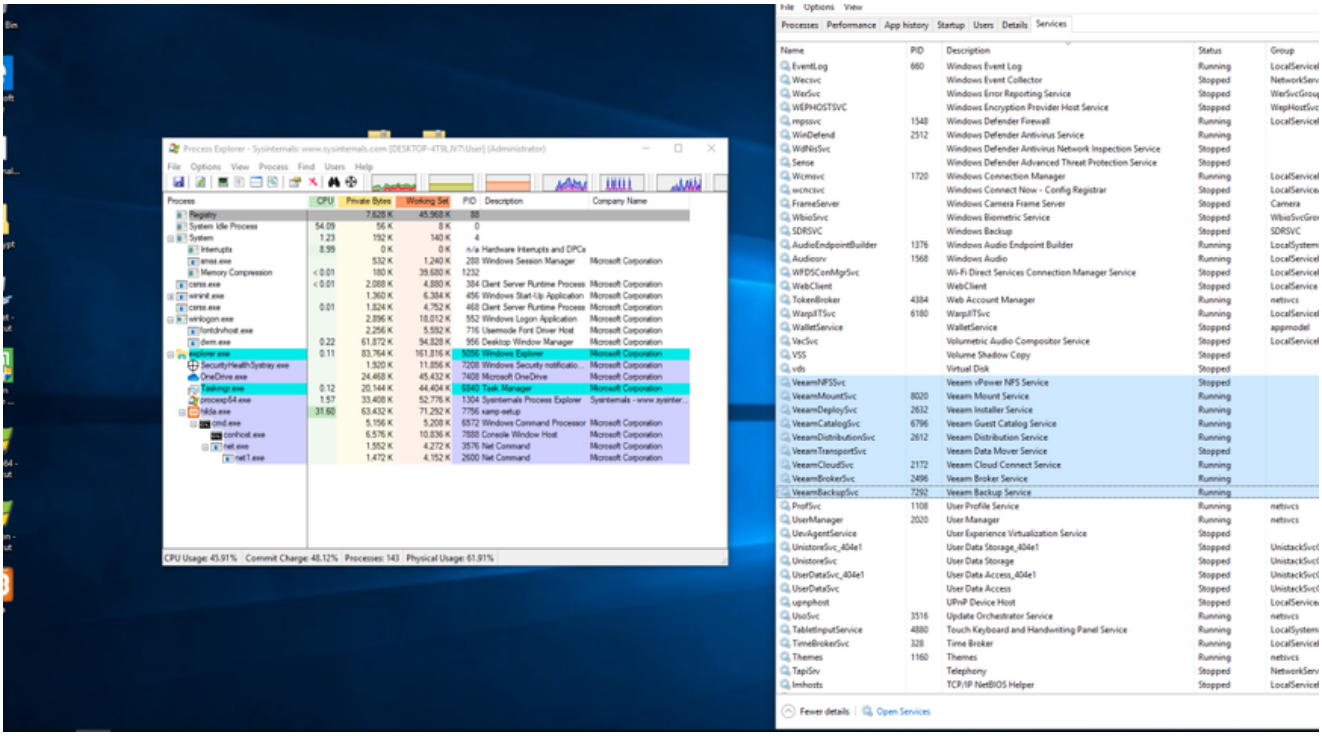
Popular Backup Solution are Easily Disabled by Recent HILDACRYPT Ransomware

acronis.com/en-eu/blog/posts/popular-backup-solutions-easily-disabled-recent-hildacrypt-ransomware/



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Popular Backup Solutions Easily Disabled by Recent HILDACRYPT Ransomware

Cyber Protect Home Office
formerly Acronis True Image

Try Now

We recently analyzed a new ransomware strain named HILDACRYPT. As we explained, this ransomware specifically targets backup and anti-virus solutions from vendors including Veeam, Symantec, Veritas, Carbonite, Sophos, MBAM, McAfee, and ESET. While

HILDACRYPT also targets Acronis solutions, our AI-based anti-malware defense that is integrated into Acronis Cyber Backup and Acronis True Image can detect this ransomware and stop the threat.

We decided to check a couple of backup solutions in the list to see what happens if there is a HILDACRYPT infection on the machine.

Our specialists installed the newest trial versions of **Veeam Backup and Replication** and **Veritas BackupExec**, and ran the HILDACRYPT ransomware sample we recently reviewed in our blog.

Unfortunately for users of these products, the results are mostly not positive.

Veeam Backup and Replication

When hit with the HILDACRYPT ransomware, two Veeam services were stopped: vPower NFS Service and Data Mover Service.

According to Veeam, the vPower NFS Service enables the following features:

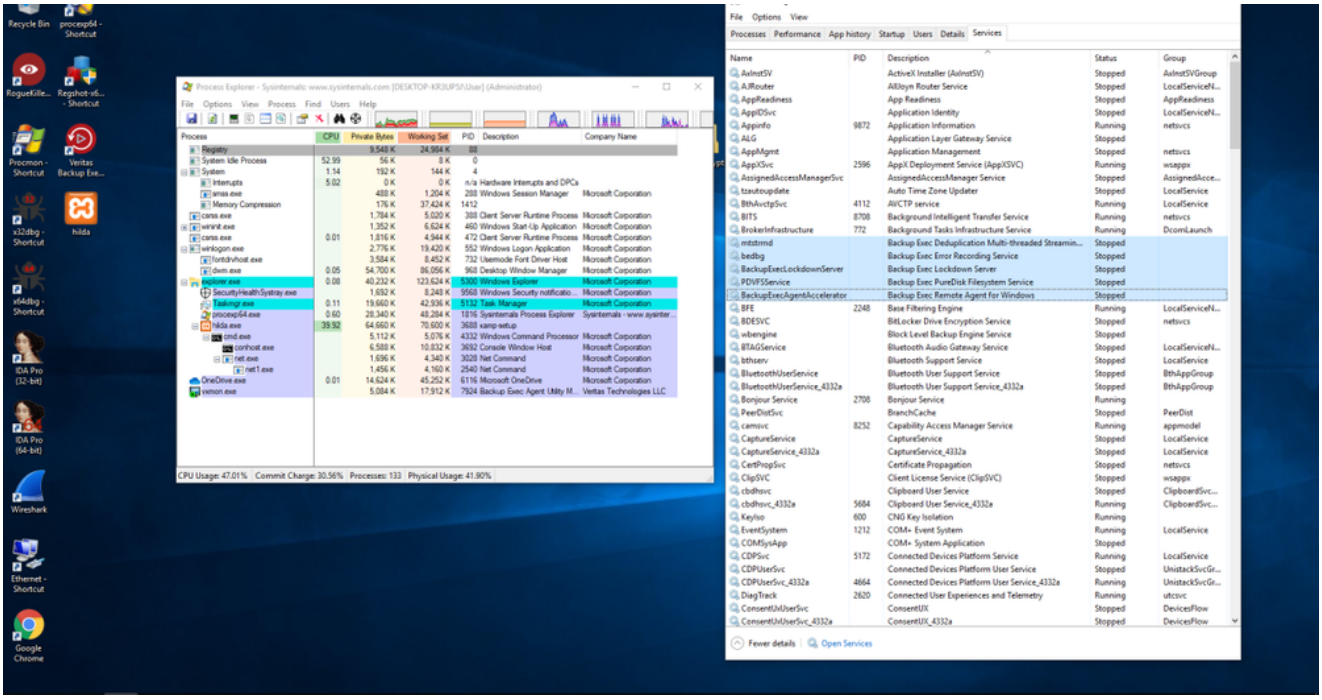
- Recovery verification
- Instant VM Recovery
- Staged restore
- Universal Application-Item Recovery (U-AIR)
- Multi-OS file-level restore

The Data Mover Service obtains job instructions and communicates with the source-side counterpart to begin data collection. While copying, the source-side Veeam Data Mover performs additional data processing (filtering out zero data blocks, blocks of swap files and blocks of excluded VM guest OS files), compresses and deduplicates VM data blocks, and moves them to the target-side Data Mover Service.

Since those tasks were stopped, we can conclude that any kind of restoration is unlikely to be successful after this attack. And if data is corrupted or encrypted, a machine or server won't get data back in easy or timely manner.

Veritas BackupExec

This test resulted in the worst-case scenario: ALL services were stopped by HILDACRYPT. After that, the bad guys can encrypt or delete the backups and do whatever they want with the data.



Hildacrypt closing down Veritas

Conclusion

HILDACRYPT may be the newest example, but Acronis has warned users and companies for a long time that modern ransomware strains are targeting backup software, files, and agents. For true protection of valuable data, modern solutions must have the ability to protect themselves from these attacks.

Acronis invested a lot of research and technology into countering this threat, which is why the integrated Acronis Active Protection technology has been proven in independent testing to give our solutions a high level of self-defense.

Unfortunately, many of our competitors' products do not deliver the same level of protection...which you ought to keep in mind when choosing a solution to safeguard your valuable data.

Alexander Ivanyuk
Senior Director, Technology

Alexander joined Acronis in 2016 as Global Director, Product and Technology Positioning. At this role Alexander is directly involved into all product launches in terms of messaging, go-to-market strategy and overall positioning including partner relations.

About Acronis

Acronis is a Swiss company, founded in Singapore. Celebrating two decades of innovation, Acronis has more than 2,000 employees in 45 locations. Acronis Cyber Protect solution is available in 26 languages in over 150 countries and is used by 20,000 service providers to protect over 750,000 businesses.

Cybersecurity Cyber protection