Blocky for TSM®

Essential Protection against Encryption & Ransomware for IBM Spectrum Protect® backup servers

Backups should be your insurance policy against Ransomware attacks, providing the ability to restore your production environment to a stable state. It comes as no surprise that sophisticated Malware is now heading straight for your backups and compromising everything there before heading for your live systems.

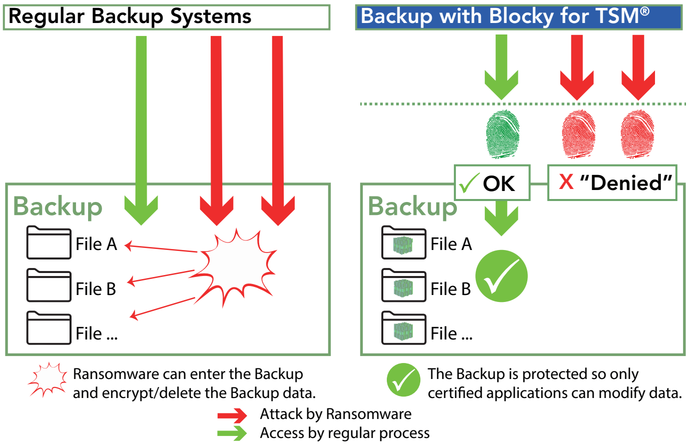
Blocky for TSM® is especially designed to protect your IBM Spectrum Protect backups by denying any unauthorized data access to application processes that may have breached other security measures such as firewall and anti-virus scanners.

Blocky for TSM® - How it works

Blocky for TSM® provides a security gateway which guarantees effective protection for your IBM Spectrum Protect backups. It controls storage pools and database volumes granting access only to authenticated processes - Malware is blocked out.

Blocky for TSM® implements a kind of WORM functionality for Windows NTFS or ReFS volumes using application fingerprints to identify authorized requests.

Unauthorized processes attempting writes are blocked and alerted in real-time to the systems administrator.


Regular Backup Systems
Backup with Blocky for TSM®
Backup
File A
File B
File ...
✓ OK
X "Denied"
Backup
File A
File B
File ...
Ransomware can enter the Backup and encrypt/delete the Backup data.
The Backup is protected so only certified applications can modify data.
Attack by Ransomware
Access by regular process

What does Blocky protect?

- Spectrum Protect instance folders, storage pools, database volumes and active & archive logs.

Where is Blocky installed?

- Blocky should be installed on all servers running instances of Spectrum Protect.

What storage types are supported?

- Storage can be a local disk or mount points over iSCSI/FC SAN LUNs in the case of the server being connected to a block storage SAN fabric.

What file systems are supported?

- NTFS and ReFS file systems only are supported, no NAS devices.

What technical constraints are there?

- Not supported are Microsoft Windows based: System Drives, Failover Clusters, De-duplication and Dynamic Data Media.

Where can I learn more about Blocky for TSM®?

www.blockyfortsm.com

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YOUR DATA. YOUR CONTROL