Advanced System Protection



Backup**Assist**7

Fast and secure drive imaging technology optimized for full system recovery and immediate business continuity for both Physical and Virtual environments.

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Key Features







Backup Destination Support Matrix

	Backup Support	Backup Encryption Support	Bare Metal Recovery	VM Instant Boot	Test Restore
Local fixed media	Yes	Yes	Yes	Yes	Yes
External removable media	Yes	Yes	Yes	Yes	Yes
Network storage	Yes	Yes	Yes	Yes	Yes
iSCSI	No	No	No	No	No
Cloud	No	No	No	No	No



OS Support List

The following operating systems are supported by the Advanced System Protection engine:

- > Windows Server 2019 (x64)
- > Windows Server 2016 (x64)
- > Windows Server 2012r2 (x64)
- > Windows 10 (x64)
- > Windows 11 (x64)

FAQ

32-bit and core versions of Windows operating systems are not supported.



How often does a full backup occur?

> Only the first backup for each destination is a full backup. Any subsequent backup will utilize the previous (latest) backup in the destination as the base image.

Does backup involve VSS?

> Yes, VSS snapshots are created to ensure backups are application consistent.

Does Advanced System Protection support Test Restore?

Yes, Advanced System Protection supports Test Restore. It creates a hash for each block of data at a volume level. Each block of data may hold portions of one or more files. If a corruption is detected in a data block, all files associated with that block are reported as corrupted.

Can I use BackupAssist Classic Advanced System Protection and BackupAssist ER on the same machine?

> No, BackupAssist ER and BackupAssist Classic can interfere with each other's operation.