

# Cloud backup checklist:

## Key features

### Feature

### Reason for relevance

Encryption of data in transit and at rest in the cloud

Prevents access to the data by cloud service provider staff and other unauthorized users

SAS 70/SS AE16 Type II compliance of the cloud service provider

Ensures the service provider has strong IT controls in place; a must-have for public companies and for industries with additional regulatory requirements

Data deduplication

Reduces storage cost; source-side deduplication also reduces bandwidth requirements

Hybrid cloud backup option

Cached on-premises backups eliminate long restore times of a pure cloud backup solution

Getting data in and out of the cloud via physical device

Options of initial “seeding” of backups and delivery of restore data via physical disk to minimize initial backup and restore times

Incremental forever

Ensures efficient ongoing backups

Sub-file-level backup of changed files

Minimizes the amount of data to be backed up, especially with large files

Bandwidth features

Throttling and scheduling to minimize the impact of backups on other users