

Azure Backup as a service

Why Use Azure Backup?



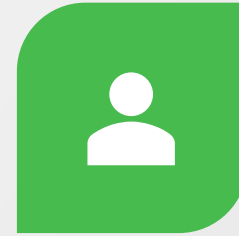
AUTOMATIC
STORAGE
MANAGEMENT



DATA ENCRYPTION



LONG-TERM
RETENTION



UNLIMITED DATA
TRANSFER



MULTIPLE STORAGE
OPTIONS

PetaBytz Enhanced Security For Backup Include



- RBAC for restricted access to key operations
- Hybrid backup encryption & Storage side encryption (SSE)
- Security PIN for multiple layers of protection



- Portal based alerts
- Email notifications for operations impacting availability of backup data



- Store deleted data on cloud for additional 14 days
- Recover using alternate server in case original server is unavailable

Azure Backup Architecture - Components

**Recovery Services
Vaults (RSV)**

**Azure Recovery
Services Agent (MARS)**

**Azure Backup Server
(MABS)**



PetaBytz Deployment Scenarios

Component	Can be deployed in Azure?	Can be deployed on-prem?	Target Storage
Azure Backup (MARS) agent	Yes	Yes	RSV
Azure Backup Server	Yes	Yes	RSV Local Disk
Azure IaaS VM Backup	Yes	No	RSV

Deliverables

- Document Proof-of-Concept implementation architecture, functionality, and usage.
- Review your infrastructure and provide suggestive measures to improve and how Azure Backup can be.
- Estimation of Azure Backup consumption cost