# SnapCLOUD™ on Microsoft Azure

SnapCLOUD™ is a hybrid-cloud ready virtual NAS appliance built on Microsoft Azure with enterprise grade data management capabilities. Built on the same enterprise hardened GuardianOS® as the 300,000+ SnapServer® and SnapScale® storage appliances in data centers world-wide, SnapCLOUD supports critical performance and capacity features like high performance snapshots, replication, and block and file-level access.
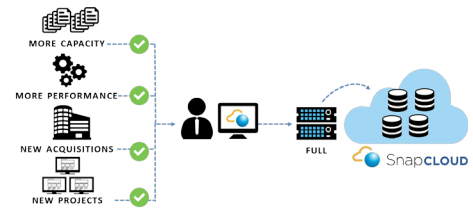
With SnapCLOUD, customers enjoy secure and fast data access anywhere, anytime, on any device.

It also meets all stringent enterprise business continuity needs through enterprise wide access to always available shared storage, and seamless integration with existing back up and disaster recovery (DR) policies.

SnapCLOUD is unique in unifying data manageability, access control and replication between physical data center and public cloud, to enable the hybrid cloud architecture.
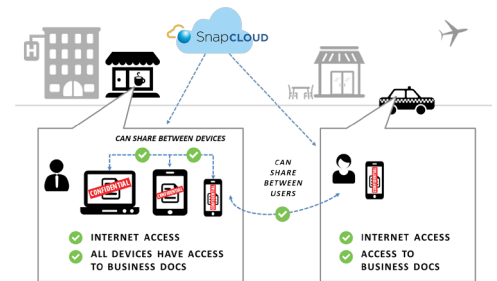
It enables enterprises to grow their data storage needs on-demand, while maintaining management and operational control within their private network.

- **Only pay for what you use.** Build a high performance and resilient virtual environment with SnapCLOUD in minutes, using servers, storage, and networking from Azure Marketplace. SnapCLOUD offers versatility through a number of performance and capacity options to meet the needs of every application and workload.

- **Secure access. Anywhere. Any device.** With built-in Sync and Share capability, SnapCLOUD gives employees freedom to securely access enterprise data from any device, anywhere, and keep it automatically synchronized automatically between mobile clients, desktops and enterprise storage repositories.

- **Centralized management for distributed enterprises.** SnapCLOUD manages both on-premise and cloud data so that companies can keep their current storage solution, and simply expand with SnapCLOUD. The Sphere 3D Snap Storage Manager™ provides centralized management across all existing SnapCLOUD, SnapServer, and SnapScale instances, so that data management across the organization is the same everywhere.
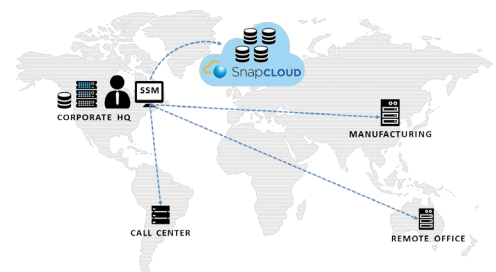


### IT Resources On Demand
With SnapCLOUD, dynamically expand storage into the cloud with the same features and operations as on-premise storage. Only pay for what you use.



### Secure Access. Anywhere. Any Device.
SnapCLOUD enables secure and easy access to data among devices and users. Eliminates risky sharing of confidential material in public clouds.



### Centralized Management
Snap Storage Manager enables management of all Snap Storage products through a single pane.

|  | SnapCLOUD | Competition |
|---|:---:|:---:|
| Expandable Storage Capacity | ✓ | — |
| Add disks to the storage pool | ✓ | — |
| Unified Storage SAN/NAS - Both Block and File | ✓ | ✓ |
| NFS exports | ✓ | ✓ |
| NFS host access control | ✓ | ✓ |
| NFS LDAP authentication | ✓ | ✓ |
| CIFS/Samba/Windows shares | ✓ | ✓ |
| Active directory integration | ✓ | ✓ |
| Active directory groups | ✓ | ✓ |
| Optimization of Resources | ✓ | — |
| Thin-provisioning | ✓ | ✓ |
| Caching | ✓ | ✓ |
| Space savings by using storage layer protection | ✓ | — |
| Data Protection | ✓ | — |
| Storage snapshots | ✓ | ✓ |
| Automatic snapshot pruning | ✓ | ✓ |
| High performance snapshots | ✓ | — |
| Change based replication for DR | ✓ | — |
| Hybrid Cloud | ✓ | — |
| Replicate data to physical data center | ✓ | — |
| Replicate data from physical data center | ✓ | — |
| Integrate with on-premise active directory | ✓ | — |
| Integrate with on-premise LDAP authentication | ✓ | — |
| Anywhere, Any Device Access | ✓ | — |
| Sync and share functionality to share data between users and devices | ✓ | — |
| Secure access with business policy enforcement | ✓ | — |

Sphere3D

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