Migrate, store and manage data with HCL Infonomics

Powered by Azure

Adopting cloud to manage data is extremely lucrative & cost efficient. However, customers need a well-rounded strategy to smartly classify data based on criticality & availability needs. HCL Infonomics (Powered by Azure) provides the right set of essentials to seamlessly cover the entire lifecycle management of data. Some of the important functionalities being carried out by HCL Infonomics including: **Next generation Enterprise file services.**

With a dedicated Center of Excellence team highly specialized in the abovementioned functionalities both from the point of view of Hybrid cloud & Multi-cloud scenarios, HCL is your go to partner when planning your move to Azure. Governed by HCL's 360-degree partnership with Microsoft, we offer end-to-end service tailored for information lifecycle management

Our sub-propositions are powered by Azure as the underlying platform encompassing Azure services (both native & 3rd party).

ArchiveNxt:

Managed Archival as a service powered by advanced file analytics, offering multi-tier data classification based on criticality & activity. Azure Services utilized include:

- Azure Cool Blob supported for infrequently accessed data for tiering/Archival
- Azure Deep archive supported for LTR

BackupNxt:

A next-generation vendor agnostic backup- as-a -service (both On-prem to cloud & Cloud-to Cloud) for data residing across heterogenous workloads hosted in datacenter, remote-sites, or cloud platforms. Some of the foundation tenets include bandwidth optimization, Application consistent backups and advanced level Deduplication for lowering TCO.**Infonomics utilizes:**

Native Azure Backup & recovery Services:

Microsoft Azure Recovery Services (MARS) to perform file level backup of Windows server to an Azure Recovery services vault	Microsoft Azure Backup Server (MABS) to perform file/folder/volume level backups of both Windows and Linux servers	Data protection Manager to do on-premises to Azure cloud backup

Enterprise 3rd party Backup Services:

Third party tools such as EMC, Commvault, Cohesity etc. which rely on Azure object storage and/or Standard HDD disks for storing backups. Backups can also be restored to an Azure VM.

RecoverNxt:

A fully automated DR-as-a-service that supports near-zero data loss for physical/virtual/x-86 workloads running on-premises or cloud. Some of the inherent features include Hypervisor Agnostic replication, Dr-in cloud services, workflow management & orchestrion services across heterogenous Platform's, Application's & Replication mechanisms. **Infonomics utilizes:**

Azure Site Recovery:

Automated failover including sequenced failover and recovery groups.

Replication through application consistent snapshots with Multi-VM consistency

Management of recovery point and time objectives for both Windows and Linux.

Enterprise 3rd party Backup Services:

Third party tools such as Rackware, Zerto, Cloud Endure etc. are used to provide DR-in cloud services on Azure for stringent RPO's and RTO's.

FileNxt:

Next-Gen Enterprise cloud File services built on cloud for customers to use applications and user shares. Typically used to consolidate Datacenter NAS and Windows File servers in public cloud with seamless collaboration across users and remote locations.**Infonomics utilizes:**

Azure File Sync & Share:

- Backed by Azure storage, Azure Files is used as a cloud-based file storage system (on SMB protocol) simulating traditional file servers
- Azure File Sync services extends Azure Files by enabling synchronization and access via on-premises Windows files servers.

Enterprise 3rd party File Services:

Third party tools such Netapp Azure file (a shared file storage service) is also used to run performance and latency sensitive workloads in the cloud. This includes migration of POSIX compliant applications, HPC infrastructure etc.

The Azure Advantage

Every organization needs a robust, resilient, and reliable environment for executing use-cases data lifecycle management. Used by 95 percent of the fortune 500 companies, Microsoft Azure is the most trusted cloud platform & can help customers solve all data management challenges through innovative and cost saving methodologies through a mix of native and 3rd party services. HCL

Why HCL Infonomics & Azure?

- 360 degree HCL-Microsoft partnership around several engagements
- Leaders in Gartner MQ for Hybrid cloud services in US and Europe
- Best in class frameworks developed in line with latest industry practices around data management
- Highly flexible commercial models (Both Capex & Opex) to optimize TCO
- Pool of certified and trained across traditional & next-Gen niche technologies
- Scale of operations across 250+ customers with diversified verticals
- Elevated support for all solutions deployed leveraging Azure as the underlying platform