

Azure mainframe migration benefits



Why Azure for mainframe modernization platform

Microsoft works as trusted advisors to ensure that the best methodologies and solutions are utilized for a successful migration. This is accomplished through our extensive experience, company wide resources, and Azure technologies.

- ✓ Microsoft has extensive experience in mainframe transformation.
- ✓ Microsoft has an extended team which support these migrations.
- ✓ Azure provides technologies to deliver the same level of reliability, availability and serviceability required for mainframe workloads.



Extensive experience

- Driving Mainframe Migrations since 2008
- Assisted on over 1,000 migrations
- Developed a mature ecosystem of technology and services partners
- Solutions for the most challenging migrations



Company-wide resources

- Azure Apps and Infrastructure: Drives customer engagements and partner collaboration
- Microsoft Services: Dedicated mainframe migration practice working with our partners
- Azure Global Engineering: Delivering Azure enhancements to address migration blockers
- Azure Data R&D: Assists on challenging database migrations
- Azure Cloud Engineering Services: Provides technology (Host Integration Services) for interoperability between Azure, Windows and the mainframe



Azure technologies

- Reliability: Machine Check Architecture
- Availability: SQL Always On, Azure Site Recovery, Concurrent System Patching, Azure Geo Replication Services
- Serviceability: Azure Management Console, Virtual Machine Manager
- Security: Azure Active Directory
- Elasticity: Azure Elastic Computing
- Turning Data Into Action: Power BI, AI, ML, Cognitive Recognition, Databricks/Spark
- Modern Development: Azure DevOps
- Modern Deployment: Azure Kubernetes Services, Azure Service Fabric, Docker, Open Shift