SHI's Business Continuity Solution for Azure is an automated recovery plan that leverages Azure Site Recovery (ASR) replication and block-level backups in the case of a catastrophic outage and/or data corruption – allowing you to fail over apps or an entire data center in a matter of hours.

Four Steps to Disaster Recovery (DR)

Assess
Our Professional Services team will take a data-driven approach toward assessing your current environment, focusing on six major attributes to build a successful business continuity solution:

- Bandwidth Requirements
- Server Compatibility
- Cloud Infrastructure Requirements
- On-Prem Infrastructure Requirements
- Pre-seed Impact Mitigation
- Azure Cost Analysis

Design
After the collection period, we will create a design document indicating the recommended protection and costs associated for Azure Services consumption and our Azure Business Continuity solution.

Build
Our Cloud Consultants will implement a BC/DR solution for your cloud and/or on-premises-based workloads.

Validate
Our Cloud Consultants will test failover and failback, modifying Runbooks where necessary.

Supported Scenarios

- On-Prem (ESX, Hyper-V or Physical) to Azure
- On-Prem (ESX to ESX SAN-less Design)
- Azure to Azure

SHI Advantages

- In-depth expertise leveraging a data-driven approach to protect your workload and recover quickly eliminating estimation
- Proven track record of helping customers reduce downtime by enabling you to recover quickly and successfully
- Maintaining low recovery point objective and recovery time objective – with budget in mind
- Flexible DR services and plans to accommodate changing business needs

Benefits

- Reduces recovery time
- Minimizes the risk of data loss
- Decreases costs and eliminates the need for investing in infrastructure
- Near-synchronous replication for VMware, Hyper-V, and physical servers
- Near-zero RPO with Continuous Data Protection (CDP) technology that continuously orchestrates the state of the systems
- Safeguards workloads including SQL, Exchange, SAP, SharePoint and Oracle
- Increases security of stored data with customer managed encryption key which can be used during the failover of VMs to Azure
- Pay for what you use; helps you achieve zero CAPEX, optimize OPEX and low TCO
- Increases DR reliability by performing more frequent Non-disruptive Recovery Plan Testing
- Reduces time to perform Fail Over and Fail Back through automation

Deliverables

- Initial Findings
- Design Documents
- Runbook

To learn more about SHI's Business Continuity Solution for Azure, please contact your SHI Account Executive or email **Cloud@SHI.com**.