

The background of the brochure features a hand holding a glowing, semi-transparent grid of hexagonal icons. The icons include various symbols such as a server rack, a musical note, a padlock, a lightbulb, a gear, a cloud with a plus sign, a person, and a globe. The overall color scheme is dark blue with red accents, including a large red circle at the top and a red dot on the grid.

Azure Site Recovery Solution Mitigate the Impact of Outages with Resilient Disaster Recovery Services

Unexpected business disruptions can result in lower productivity, high customer churn, and diminished revenues. Recognized as a Tier1 - Direct Cloud Solution provider for Microsoft, GAVS helps implement Microsoft Azure Site Recovery (ASR), a cost-effective cloud based solution, to help your business recover quickly and efficiently in the event of a disaster, natural or manmade.

Any risk requires an immediate response from your business. Be it a scheduled event or an unexpected disaster, your disaster recovery approach should be highly competent. If you respond inappropriately or too slowly, you could lose ground to your competitors which will result in the loss of valuable data, and will negatively impact business. A reliable and cost-effective Disaster Recovery (DR) solution is imperative to safeguarding critical business applications and data, minimizing financial losses, supporting productivity, and protecting the company's reputation.

Simple economics govern how enterprises look towards Azure Site Recovery for their DR plans. Renting or building a dedicated secondary backup and restoring datacenter is expensive and challenging.

It requires investment and management of extensive infrastructure, as well as robust risk assessment and evaluation of various storage solutions.

It also involves selecting backup technologies, ensuring data accuracy, testing the DR plan in accordance with the current environment, and ensuring rapid recovery of workload. In addition, migrating or replicating applications to the cloud for analytics and testing requires specialized skills and expertise.

GAVS Solution: Automated Disaster Protection with Azure Site Recovery

As IT applications continue to drive businesses, Site Recovery becomes an important part of your business continuity and disaster recovery (BCDR) strategy, to preserve and increase customer and shareholder confidence.

GAVS offers cost-effective disaster recovery services that help enterprises recover their operations quickly and effectively. We leverage Microsoft's Azure Site Recovery (ASR), a robust DRaaS solution, to optimize business performance and enable agility. Azure Site Recovery is a cloud based DR service that focuses on the needs of your business by orchestrating and automating replication of Azure VMs between regions, on-premises virtual machines and physical servers to Azure, and on-premises machines to a secondary datacenter.

ASR typically offers features for an effective DR backup and restore service:

- Achieve your Recovery Time Objective (RTO) goals to ensure one-click failovers and failbacks that are consistently accurate
- ASR's near synchronous data replication provides backup every 30 seconds to meet variable Recovery Point Objective (RPO)
- Keep apps data consistent and accurate through application-consistent snapshots that capture disk data, all data in memory, and all transactions in process
- Remote health monitoring of the DR installation
- Orchestrate unified replication and failover in all remote locations and recovery of on-premises machines and Azure VMs
- Customizable DR plans
- Non-disruptive recovery plan testing
- Automated failover and recovery

ASR enhances the resilience of businesses critical applications by safeguarding, replicating and implementing a failover of VMs directly to Azure data center.

ASR is an easy to implement solution due to the simplicity of its set up. The servers are registered in a site recovery value that coordinates and orchestrates data replication, failover, and recovery between your on-premise site and Azure.

Azure meets a broad set of international and industry-specific compliance standards, such as ISO 27001, HIPAA, FedRAMP, SOC 1 and SOC 2, as well as country-specific standards including Australia IRAP, UK G-Cloud and Singapore MTCS. Microsoft was the first to adopt the uniform international code of practice for cloud privacy, ISO/IEC 27018, which governs the processing of personal information by cloud service providers.

Rigorous third-party audits such as by the British Standards Institute, verify Azure's adherence to the strict security controls these standards mandate. Customers can verify our implementation of many security controls by requesting audit through your account representative.

Azure cloud services, with independently verified compliance, give you the foundation to achieve compliance for the infrastructure and applications you run in Azure.

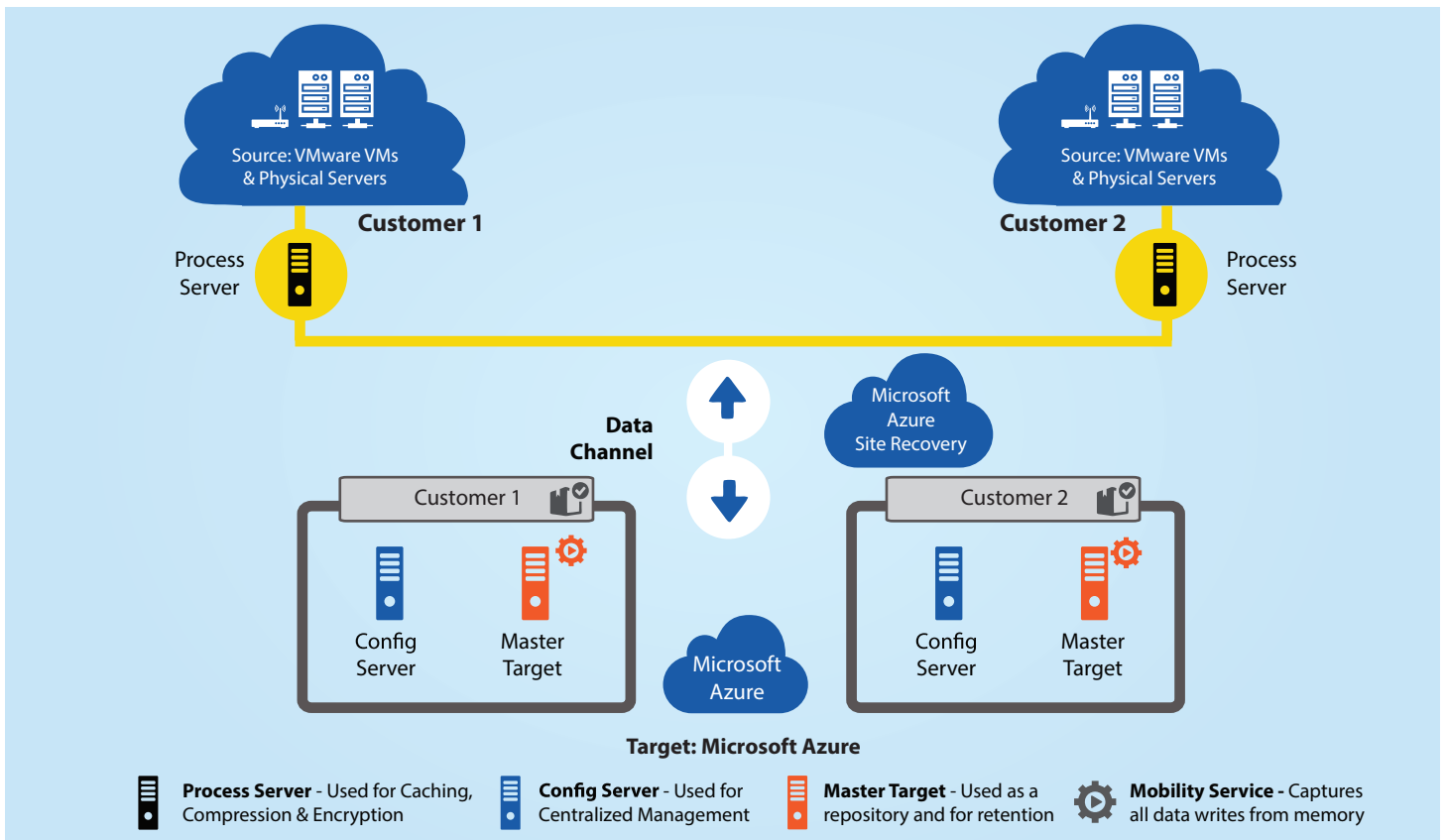


Figure 1: How ASR works

Benefits

ASR addresses several DR priorities such as reducing recovery time and minimizing the risk of data loss, while reducing costs and eliminating the need for investing in infrastructure. It provides the following key benefits:

- Near-synchronous replication with VMware, Hyper-V, AWS and physical servers
- VMware vCenter server managed VMs can be replicated and recovered in Azure. It provides application-consistent replication for your multi-VM, n-tier applications
- Minimizes on-site workload by migrating applications to Azure during peak times
- Safeguards workloads including SQL, Exchange, SAP, SharePoint and Oracle
- Protects data with customer managed encryption key which can be used during the failover of VM's to Azure
- Helps you achieve zero CAPEX, optimize OPEX and low TCO through Azure's cost-effective DR platform by paying for only what you use
- Near-zero RPO with Continuous Data Protection (CDP) technology that continuously orchestrates the state of the systems
- Low RTO alongside dynamic conversions such as VM disks to bootable virtual hard disks, helping in quick restoration of operations
- Provides resources for development testing, report and analytics

The GAVS Advantage

Our dedicated IT recovery experts harness the capabilities of ASR to deliver unique DR plans. GAVS' ASR services utilize the best of Azure tools and practices coupled with the ITIL based principles to ensure that your business services are restored quickly after a disaster.

Based on the results of our cloud assessment services, we ensure that applications are migrated to cloud in accordance with best practices, and there is no disruption or loss of data. We also enable connectivity, security, and integration aspects of the cloud migration. We help you achieve these objectives through:

- In-depth expertise in identifying the ASR elements necessary to protect your workload and to help you recover quickly
- Proven track record of helping clients reduce downtime by enabling them to recover quickly and successfully
- Maintaining low recovery point objective and recovery time objective - within your budget
- Flexible DR services and plans to accommodate changing business needs

About GAVS

GAVS Technologies (GAVS) is a global IT services & solutions provider enabling digital transformation through automation-led IT infrastructure solutions. Our offerings are powered by Smart Machines, DevOps & Predictive Analytics and aligned to improve user experience by 10X and reduce resource utilization by 40%.

GAVS has been recognized as a Cool Vendor by Gartner in 'Cool Vendors in ITSM 2.0, 2016' and positioned as an 'Aspirant' in Everest Group PEAK Matrix™ for Healthcare Provider IT Services. GAVS was also rated as a prominent India-based Remote Infrastructure Management player & one of the key small players serving the mid-market & enterprise clients in North America by Gartner.

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