

Azure Site Reliability Engineering Services

When the cloud forms the backbone of your organization's mission-critical systems, outages and poor performance can lead to lost revenue, negative customer and employee experiences, lack of business agility, and missed opportunities. Ensuring that your cloud systems are reliable, scalable, and secure is essential to staying competitive and growing your organization.

Datavail's Site Reliability Engineering (SRE) solutions provide cloud peace of mind by taking care of your cloud infrastructure, networking, security, governance, and observability needs on Azure.

Datavail SRE Services

- 24x7x365 monitoring, alerting, and responding to critical events.
- Supports all Azure core services.
- Migrations, patching, and upgrades.
- Service response - service incidents and whole lifecycle are tracked via an ITIL-based ticking system.
- Well-Architected Review of your Azure environment, often resulting in cost-savings.
- Architecture and advisory services to help you establish your Cloud Center of Excellence.

Benefits of Site Reliability Engineering Services from Datavail

- Improved production system reliability backed by SLAs.
- Reduced cloud expenses through assessments and cost optimization.
- Support scalability of your production environments as your organization grows.
- Faster time to resolution through robust incident response with 24x7x365 monitoring.
- Gain access to highly experienced SRE teams and cloud architects, offering cloud managed support on Azure and filling in-demand skill gaps.
- Boosting operational efficiency through Infrastructure-as-Code (IaC), DevOps, and automation.
- Enhanced security as Datavail's SRE team follows Azure best practices.

Azure Services Covered by Datavail SRE Services

Networking

- VNET
- Subnet
- Front Door
- Traffic Manager
- Application Gateway
- Load balancer
- WAF
- Private Link
- Route Tables
- NSG flow logs
- VNET Peering
- Network Security Groups
- Network Watcher
- Site-to-Site VPN
- Hybrid cloud using Express Route
- Azure Firewall
- Azure DNS
- VPN Gateway
- Content Delivery Network

Security & Governance

- IAM
- RBAC
- Azure AD with MFA
- Management Groups
- Azure Policy
- Key Vault
- Tag Policies
- Microsoft Defender
- Azure DDoS Protection
- Azure Security Center

Infrastructure

- VMs (Linux or Windows)
- Managed Disks
- Managed Instances (all DB engines)
- SQL Database
- VM scale sets
- Bastion / Cloud Shell
- Shared disks
- Resource Groups
- Static Public Ips
- VM Image Builder
- App Service
- Virtual Desktop
- Azure Files
- Blob Storage

Architecture / Improvements

- Well-Architected Tool
- Azure Advisor
- Cost Optimizations
- HA / DR review or implementation
- Multi-subscription Architecture implementation

Observability

- Azure Monitor
- Activity log
- Azure Functions
- Azure Blob Storage
- Azure Backup
- Azure Site Recovery
- Cost management
- Logs management
- Auto remediation
- Notification Hubs
- Application Insights
- Azure DevOps
- Azure Blueprints

