

MANAGED SQL AND WEB APPS IN AZURE

THE CHALLENGE

Today's IT departments are being tasked with the day-to-day upkeep of the environment and with gaining the knowledge and understanding of the future business solutions for the companies' technology roadmap. They are expected to deliver this with a shrinking budget and reduced headcount. The challenge is how to make sure that the solutions are performing to the expectations of the business units and customers, all-the-while performing higher-level consulting and planning needed to respond to the high demand of competitiveness demanded by the business units.

You have moved your SQL database and Web App into Azure, great news and a good first step towards the cloud. Now the challenge of keeping that database running perfectly and making the web application as responsive and highly available as possible on a 24x7x365 schedule. Even though moving to the opex model gives you greater benefits of scale, elasticity and resiliency, you still need a high level of administration to make sure everything is proactively running at peak performance and lowest costs.

For most organizations, these applications are business-critical solutions. They face various internal business users or outside clients, who demand and depend upon the 24x7 availability access to the solution and the results that drive various revenue streams or contracts. How can you become an expert AND find time to keep the SQL and Web Apps performing while still maintaining budgets and business consulting requirements?

THE SOLUTION

United Data Technologies (UDT) can help you maintain performance while still being budget friendly and free up internal resources to be that higher-level business consultant by performing the underlying management of your SQL and Web Apps on a 24x7x365 bases using ITIL standards and a team of trained experts with the tools in hand to make sure everything is running at peak performance and being proactive at the same time.

- Provide high levels of expertise, monitoring and management to keep the applications running smooth and to the expectations of the IT department, Clients and End User communities
- 24x7 monitoring, alert filtering & prioritization of Azure instances and applications
- On-Premise to cloud connectivity management Handle Site-2-Site VPN connectivity
- Microsoft Azure support escalation and coordination as required
- Automated Patch Installations & Antivirus Definition Updates
- Monitor SQL database health
- Validate the high utilization, and identify the process causing high memory utilization
- Validate the alerts
- Validate the backup jobs
- Perform SQL backup and run sample restorations to validate integrity of backup data
- Manage table compression, partitioning & file group placement
- Analyze index utilization & recommend changes
- Identify & eliminate excessive blocking & report on deadlocks
- Manage transparent data encryption
- Manage native DB replication
- Troubleshoot high severity errors
- Proactive Support Metric for SQL Database Management secure your network from malware delivered in attachments and weblinks that conventional antivirus software can't capture
- Enable adaptive machine learning to detect anomalies and risk events that may indicate that an identity has been compromised
- Enable suspicious behavior monitoring using the newest threat analytics and machine learning tools to detect security breaches
- Extend the monitoring for approved cloud apps being used within your organization to detect threats

"You won't regret your decision to work with UDT - they make the process and setup easy. You'll be pleased with the outcome. Here is the list of what UDT does better than other IT firms I've worked with: Documentation of solutions, attention to details, knowledge of the solution, availability, flexibility and dedication to the project."

Clint Kinsey
Manager, IT Services
Front Burner Brands

"UDT makes a complex, very involved process, smooth. You feel like you are working with a team that is confident and experienced. As the customer, we feel like UDT is a trusted partner, they went over and above to make the project a success. They have a "Long term relationship mindset."

Robert Gonzalez
Director IT Infrastructure
SBA Communications

"The skill and proficiency of the UDT project management and technical teams is second only to their commitment to customer satisfaction. I've been in IT for almost 20 years and this was hands down one of the best, if not THE BEST, experience I've ever had working with a vendor, and I wouldn't consider UDT a vendor--they are a true partner."

Gilmore Lee
Manager, Enterprise Active Director
Fidelity National Financial



- 24x7x365 Monitoring
- Azure IaaS VM Monitoring
- Site-to-Site VPN Health
- Root Cause of Critical Issues
- Patch Installation and Antivirus Updates
- Remotely Troubleshoot and Fix:
 - Azure VM Down
 - Server Restarts
 - Critical System Services
 - Disk Space Issues
 - CPU or Memory Utilization
 - Disk Utilizations (I/O)
- SQL Back up and Same restorations
- Proactive Support Metrics for SQL Database Management

SILVER

- Silver Solutions Offering Plus
- Network Management
- Monitor and Control EndPoint access (NSG&ACL)
- Azure Account Management
 - Subscriptions (add/deletes)
 - User Privileges
 - Billing Breakouts
 - Azure Tags
 - Manage Limits based on business requirements
- Admin of Azure AD
- Application Management both cloud and Hybrid
- Manage SSO and MFA access requirements
- Customer Identity Management
- Privileged Identity Management

GOLD

- Gold Solutions Offering Plus
- Azure Web Application Management
 - Auto Scaling
 - Crash Recovery
 - Performance Monitoring
 - Auto Back Up Management
 - Clone App to App services
 - Load Balance Management
 - Support CDN Configs
- BCDR Services
 - Evaluate existing jobs
 - Evaluate Monitor and Manage Jobs
 - Health Checks
 - Estimate RPO/RTO settings
 - Align to Business Models
- Premium Service Support
 - Monthly Reviews
 - TAM assignment
 - Advisory Services
 - Optimization Services
- Application Development
- Mobile Application Development
- Power BI Tools for Executive Dashboards
- Advanced Analytics Services

PLATINUM



UDT works closely with Microsoft and their sales and technical teams to deliver "Best of Breed" solutions. As part of that engagement we will do our very best to secure co-funding incentives to offset discovery assessments and architecture workshops to reduce your costs to enable these solutions. Contact us today to learn more about what programs are available and what solutions qualify.

Microsoft Partner

- Gold Cloud Productivity
- Gold Cloud Platform
- Gold Windows Devices
- Gold Enterprise Mobility Management
- Gold Communications
- Gold Messaging
- Gold Small and Mid-market Cloud Solutions
- Silver Collaboration and Content
- Silver Datacenter



UDT is an award winning, Microsoft Technology Solutions Provider based in South Florida. We consult, assess, design, deliver, secure, manage and support solutions built on Microsoft's Cloud Platform delivering solutions for Unified Communications, Collaboration & Messaging, Storage and Security.

Field Managed with Gold Competencies across all of Microsoft's Cloud and Platform solutions, our sales and technical staff are certified as Partner Solution Sales Specialists (P-SSP) & Partner Cloud Solutions Architect (P-CSA) engaging on Microsoft's behalf to help companies better understand the breath and depth of solutions offered on the Microsoft Cloud Platform.



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