SQL MIGRATION

Maintaining on-premises SQL environments is costly and difficult. Migrating data workloads to the cloud solves many fiscal and operational challenges, but doing so requires the right expertise, tools, staffing levels, and focus to avoid a drawn-out endeavor with productivity risks.

Why It Matters

A move to the cloud delivers cost savings, elasticity, and relief from the burden of legacy infrastructure, but your data is critical. Migrating and modernizing it can't be taken lightly. Applying the right process of current and future state analysis, and the right level of expertise will provide a seamless migration, one guided by planning, testing, and experience.

✔ **Modernization and a Move to OpEx**
Mission-critical data shouldn't run on slow, worn-out infrastructure. Avoid end-of-support issues, lease issues, and reliance on legacy skill sets. Reduce the administrative overhead of managing servers in favor of PaaS. Leverage cloud-native, built-in backup, data continuity, and disaster recovery features, and experience all these benefits while migrating CapEx to OpEx.

✔ **Scalability and Cost Control**
Leverage PaaS-centric cloud services to enable elasticity and scalability in your data environments. Scale up or down to address performance and capacity needs, cost control, and seasonal or event-driven busts.

✔ **Accelerated, Seamless Migration**
Quickly identify your current-state data inventory before migration, and gain education on how to properly size Azure IaaS and PaaS instances for optimal performance. Most importantly, ensure data availability using a proven migration process overseen by SQL Migration experts.

Engagement Deliverables:

✓ Targeted SQL Databases Migrated
✓ SQL Database & Server Inventory List
✓ Azure Consumption Cost Estimate
✓ DMA/ADS Analysis
✓ Migration Plan with Wave Tracker
✓ Azure Network Diagram

How It Works

3Cloud will evaluate an initial set of SQL databases, set a migration path towards a PaaS or IaaS footprint in Azure, and assist with the build-out and migration of your SQL workloads.

STEP 1	STEP 2	STEP 3
DISCOVERY & PLANNING	**AZURE ENVIRONMENT BUILD**	**MIGRATION & POST MIGRATION ENABLEMENT**

Discovery & Planning
1 The engagement will start with a workshop to understand the current SQL Server environment and assess the existing Azure landing zone. Additionally, 3Cloud will confirm an inventory of targeted SQL workloads, perform a capture and analysis for moving from IaaS to PaaS services, provide estimated Azure consumption pricing, capture future state resiliency requirements (HA/DR), and identify operational needs for post-migration activities.

Azure Environment Build
2 Using the data captured during the previous phase, we will provision Azure SQL infrastructure resources in your *existing* Azure environment. SQL monitoring and data protection backups will also be enabled to meet defined operational requirements.

Migration & Post Migration Enablement
3 We will coordinate the migration cutover using the agreed-upon migration approach established during the Discovery & Planning phase. Post-migration support will be provided to ensure your team can take over ongoing management of the environment.

SQL Migration is supported by Microsoft programs.

Why 3Cloud

3Cloud is your one accountable partner to deliver Azure infrastructure, data and analytics, and applications with the fastest time to value from our experience, tools, and accelerators. 3Cloud is the largest pure-play Azure partner in the ecosystem with unequaled expertise in Azure. We have hundreds of Azure experts, including MVPs and Fast Track Solution Architects, with thousands of hours implementing cutting edge solutions with Microsoft's most advanced technology.

Microsoft Partner

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