

Navisite Azure Management Solutions for SQL Server Migrations



Navisite is working closely with many organizations to transition their on-premises SQL resources to Microsoft Azure.

Data and analytics are at the core of any enterprise growth strategy today—and you can be sure they will be tomorrow too. Taking full advantage of the information you have about your markets, customers and operational performance is essential to driving competitive advantage.

The good news is you likely have more data at your fingertips than ever before. But that's also the bad news: handling this growing volume of information, and all the apps and databases that go with it, demands an ongoing investment of resources that many organizations simply don't have.

That's reason enough to be taking a close look at your options in the cloud. Then add in that Microsoft is phasing out support for older SQL Server solutions and it's clear why SQL is a popular migration path to the cloud.¹

By migrating to Azure SQL Database, you get access to full versions of the SQL Server you are already familiar

with, but without having to worry about operating the virtual machine part of it. Navisite relieves the associated maintenance and administration overhead, by taking care of all aspects of the underlying OS and application elements. There's no need to change your current application, and you realize all the benefits of cloud such as scalability, reliability, security and an end to equipment refreshes. Plus, you get free extended support: free Extended Security Updates for SQL 2008 and 2008 R2 for three years after the deadline.

At Navisite, as part of our managed cloud services, we have successfully transitioned scores of SQL databases and their accompanying applications to the cloud. Navisite has one of the largest staffs of Azure-certified employees in the industry—all focused on helping enterprises just like yours exploit the full power of Azure's leading-edge capabilities in hybrid cloud, cloud security, and application availability.

Our expertise in SQL cloud transitions is a key reason why Navisite has been designated as an Azure Center of Excellence and an Azure Expert MSP.

SOLVING THE SQL CHALLENGE

Relying on traditional in-house storage and database approaches is no longer an optimal path for enterprises that are serious about the exploiting the full power of their data resources.

¹SQL Server 2008 and SQL Server 2008 R2 will no longer be supported by Microsoft starting in July 2019

CHOOSING A MIGRATION PATH TO AZURE SQL DATABASE

You have options—Navisite will help you follow the right path:

Migrate Your Applications and Data to Azure VMs

Start benefiting immediately from the cloud and get free Extended Security Updates for Windows Server and SQL Server 2008 and 2008 R2 VM's for three years after deadline

Migrate Your Data to Azure SQL DB Managed Instances

Azure SQL Database Managed Instance offers a version-free option

Save with Azure Hybrid Benefit

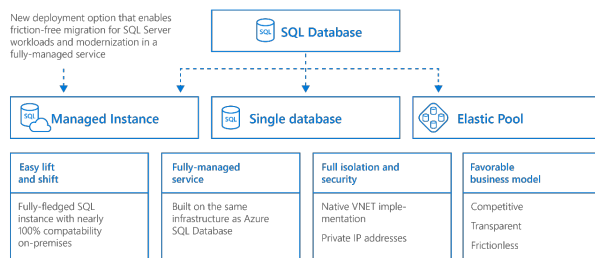
Use existing on-premises licenses to save up to

- SQL Server engine compatibility and native virtual network support
- Dynamic scalability, with no downtime
- Built-in intelligent optimization, global scalability and optimization, and advanced security options
- Eliminates hardware costs and reduces administrative costs
- Built-in fault tolerance infrastructure capabilities, with features like automated backups, Point-in-Time Restore, geo-restore, and active geo-replication to increase business continuity for applications hosting data in Azure SQL DB
- Databases up to 4TB or larger can be horizontally or vertically partitioned using scale-out pattern

Azure supports both MySQL and PostgreSQL simplifying the transition of existing applications running on those platforms. Microsoft Azure SQL Database makes it easy to connect to SQL Database with a variety of technologies enabling you to focus on developing business logic and apps using tools you are familiar with.

In-house infrastructures simply can't be adapted quickly or easily enough to the increased demands for syncing data, integrating it into business processes and simplifying access—all the things that the Azure cloud handles with relative ease.

Azure SQL Databases are also exceptionally reliable by default. Without configuring anything, full backups of your database are created every hour and incremental backups are made every 5 minutes. These backups are stored three times in the local datacenter and three times in another datacenter. And you can restore backups from 35 days ago, depending on the pricing tier that you use.



ACCELERATE YOUR AZURE PAAS JOURNEY WITH SQL MI

SQL MI is a deployment option for those organizations seeking to benefit from Azure PaaS services, to quickly and confidently move your on-premises of SQL Server 2008 or newer databases at scale to the cloud.

WHY USE AZURE SQL DATABASE?

Azure SQL database is a fully-managed relational cloud database service.

This instance-scoped programming model enables lift-and-shift directly to fully-managed PaaS, reducing or virtually eliminating the need to re-architect your apps.

Azure SQL Database delivers a mix of operational efficiencies—automating basic database administration tasks—combined with the latest features such as in-memory technologies and AI-driven intelligent PaaS capabilities. As your app runs, Azure SQL Database continuously learns your unique app patterns, adaptively tunes your performance, and automatically improves reliability and data protection—freeing you to focus on your app.

It is an excellent option for those seeking a hybrid solution between cloud-based and on-premises SQL Server deployments, especially for organizations not able or willing to transition all of their workloads to the cloud, yet still wanting all of the features of on-prem SQL Server in their cloud instances.

All of this translates into predictable performance at multiple service levels, with features like:

It's also very useful for organizations with large data estates and complicated data architectures, with its near-full parity with on-prem SQL Server, with all the scalability of Azure PaaS.

Additional SQL MI PaaS features include:

- Ability to create multiple databases under a single instance, up to 35TB per database
- Greater security – through VNet isolation, Azure AD authentication, role-based access, automatic backups
- Threat detection
- Vulnerability assessments
- High availability
- Geo-replication
- Database advisor

SQL MI offers predictable performance, dynamic stability and advanced security – with minimal administration, allowing your developers to focus on rapid app development, instead of managing infrastructure.

With SQL Server 2008 nearing the end of service in July 2019, SQL MI is a great option to replace on-premises versions of SQL Server 2008/R2 DBs

OUR EXPERTISE

At Navisite, as part of our multi-cloud management services, we have successfully transitioned scores of SQL databases and their accompanying applications to the cloud.

Navisite has one of the largest staffs of Azure-certified employees in the industry—all focused on helping organizations just like yours exploit the full power of Azure's leading-edge capabilities. And we're a top Azure Expert MSP.

COST SAVINGS

Transitioning to the cloud reduces and/or eliminates the need to invest heavily in expensive, onsite hardware. Because you are subscribing to an on-demand cloud service, you are only billed for what you consume.

Our expertise in SQL cloud transitions is a key reason why Navisite has been designated as an Azure Expert MSP and an Azure Center of Excellence.

Azure SQL Managed Instance allows customers to migrate their SQL workloads to Azure, benefiting from the cost reduction and lower management demands of PaaS, but

GET THE BEST OF SQL IN THE CLOUD WITH AZURE SQL DATABASE

Increased Productivity

47% decrease in staff time that be reclaimed for other tasks

Lower TCO

53% less expensive than on-premises/hosted SQL

Faster time to market

75% faster app development cycles than competing DBs

Reduced risk

71% fewer cases of unplanned downtime than competing databases

without the need for heavy redevelopment. This new deployment choice enables frictionless migration for SQL apps and modernization in a fully managed service.

In many cases, Microsoft SQL Server license holders can extend their software licenses to the cloud as part of the Azure Hybrid Use Benefit. The Azure Hybrid Benefit can help you save substantially for both SQL Server and Windows Server by using your on-premises licenses (vs. pay-as-you-use). Also, the Azure Hybrid Benefit and Azure Reserved Instances can help you save (also substantially) for Windows Server VMs.

IT research firm IDC estimates the benefits of a fully-managed SQL Database at up to a 406% ROI over on-premises and hosted alternatives, making it an economical choice for your data.²

RELY ON NAVISITE

Migrating your SQL infrastructure to the cloud opens the door to substantial improvement and savings, but implementing and managing the solution requires expertise and resources—that's why enterprises turn to Navisite Azure Management Solutions for SQL Server Migration.

Reduce/eliminate the need for in-house resources to implement and configure your onsite hardware, oversee conventional backup and recovery, or handle any number of other tasks associated with an on-premises implementation.

² IDC, The Business Value of Microsoft Azure SQL Database Services



Simplify the handling of key tasks such as SQL upgrades, database health checks, data warehousing, database tuning, and performance optimization.

As one of Microsoft's preferred partners, Navisite has the capabilities to monitor clients' databases on SQL MI, while offering additional layered controls and security measures – covering data in motion, network security and threat detection.

Our 17+ year partnership with Microsoft, more than 460 Microsoft Gold-certified engineers, 120 Azure experts, and 1,400 certifications make Navisite uniquely equipped to deliver the support you need. Plus you can benefit from our direct escalation to Microsoft Premier Support on your behalf when needed for the fastest incident resolution.

Live Support: When issues arise, you not only have a phone number to call and email address to email but you have a person on the other end to talk to that cares about your business success—you get a partner.

Contact Navisite at (888) 298-8222 in the US, or 0800 612 2933 in the UK to learn how to take full advantage of all that Microsoft Azure can offer your organization.



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