



Tagydes Limited Database Modernisation

Moving SQL Server 2008 & Windows Server 2008 workloads to Microsoft Azure

Tagydes Limited Database Modernisation services enable businesses to modernise their on-premise database platform by transitioning to Microsoft Azure.

With Microsoft having announced forthcoming end of support dates for Microsoft SQL Server 2008 and Microsoft Windows Server 2008, with extended support in Microsoft Azure, now is the perfect time to transition your on-premise SQL Server databases to the cloud.

Why modernise your database platform?

The main reason for organisations to modernise their database platform, is to address shortcomings created by an out-of-date, less agile on-premise solution.

Through upgrading legacy on-premise database technology, businesses consolidate their environment, and optimise performance, recovery, and provisioning, while keeping costs to a minimum.

Why move on-premise database server and applications to the cloud?

Specific triggers influencing a business's decision to move an on-premise legacy database server infrastructure into the cloud include:

- Rising on-premise IT infrastructure costs
- Aging or an out-of-support legacy IT infrastructure
- Increasing security threat
- Storage capacity limitations
- High availability and disaster recovery needs
- New compliance regulations
- Increased agility to deliver business growth



- And, to address specific infrastructure requirements, such as to manage those arising from Windows SQL 2008 server and Windows server 2008 end of support.

Why move SQL Server 2008 and Windows Server 2008 platforms to the cloud?

Microsoft's announcement of end of support for Microsoft SQL Server 2008 and Microsoft Windows Server 2008 means that after 9 July 2019 and 14 January 2020 respectively, there will be no security updates for these products, leading to potential security and compliance risks.

Our recommendation is to move the on-premise Microsoft SQL Server 2008 and Microsoft Windows Server 2008 workloads into the Microsoft Azure cloud.

Benefits to being in the cloud include:

- Increased agility
- Enhanced security
- Lower costs – for example, through the ability to take advantage of unique cloud offerings, such as paying up front for resources for 1 or 3 years.

In addition to these benefits, for businesses facing end of support for SQL Server 2008, Microsoft is offering three years' free security updates for SQL Server 2008 database server workloads hosted in Azure.

Support	End of support date
Microsoft SQL Server 2008 & 2008 R2	9 July 2019
Microsoft Windows Server 2008 and 2008 R2	14 January 2020

Who is Tagydes Limited Database Modernisation service for?

The Database Modernisation service has been created to enable businesses of all size to address problems arising from legacy on-premise IT infrastructure, such as those with Microsoft SQL Server 2008 and Windows Server 2008 and facing end of support for these platforms.



What does the Database Modernisation service provide?

The Database Modernisation service has been designed to help transfer existing on-premise legacy databases to Microsoft Azure.

Using industry best practice and software database migration tools, our team will work in partnership with your team to assess and migrate to and optimise your SQL database workloads in the Microsoft Azure cloud. We can also provide ongoing service management of the database workloads.

The service comprises the following phases:

Assess

During the assessment phase, our team will:

- Gain a full understanding of your business transformation goals
- Assess and review the existing IT infrastructure and applications to evaluate migration readiness
- Identify a desired future state IT roadmap
- Propose a new database architecture in Microsoft Azure.

Migrate

Based on the output of the assess phase and the agreed target solution, our team will use one of the following methodologies to move your infrastructure and database workload into Azure:

- Rehost – a simple and cost-effective ‘Lift and Shift’ of your existing IT infrastructure and database server applications into the Microsoft Azure cloud
- Refactor – where possible, we will move applicable elements of your IT infrastructure to Platform-as-a-Service (PaaS) solutions, to drive scalability and cost efficiency gains (for example, the move of existing SQL databases to SQL Azure database as a service).

Optimise

The optimise phase comprises:

- Ongoing database performance optimisation
- Analysis and monitoring of your cloud spend and use, to allocate and trim costs to put towards your next database roadmap cloud investment
- Use of security and management tools to govern, secure and monitor your cloud investment.

Manage

Optional managed services include



- Microsoft SQL database server monitoring
- Reactive support
- Security and patch management.

Next steps

For more information about Tagydes Limited Infrastructure Modernisation service, call any of the Tagydes team on +353876153120, or email contact@tagydes.com