

# Get Started With SQL Server in Azure

Jes Borland

[jborland@concurrency.com](mailto:jborland@concurrency.com)

## Resources

Pricing <https://azure.microsoft.com/en-us/pricing/>

Azure Trust Center <https://azure.microsoft.com/en-us/support/trust-center/compliance/>

Concurrency Azure Periodic Table <http://www.concurrency.com/landing/azure-periodic-table>

Virtual Network Overview <https://azure.microsoft.com/en-us/documentation/articles/virtual-networks-overview/>

Microsoft Virtual Academy: Azure Networking Fundamentals for IT Pros [https://mva.microsoft.com/en-US/training-courses/azure-networking-fundamentals-for-it-pros-8917?l=R70kv0B3\\_6104984382](https://mva.microsoft.com/en-US/training-courses/azure-networking-fundamentals-for-it-pros-8917?l=R70kv0B3_6104984382)

Azure portal availability chart <https://azure.microsoft.com/en-us/features/azure-portal/availability>

Azure PowerShell <https://azure.microsoft.com/en-us/documentation/articles/powershell-install-configure/>

Azure PowerShell Cmdlet Reference <https://msdn.microsoft.com/en-us/library/azure/dn708514.aspx>

Resource Manager Overview <https://azure.microsoft.com/en-us/documentation/articles/resource-group-overview/>

Understanding Resource Manager deployment and classic deployment <https://azure.microsoft.com/en-us/documentation/articles/resource-manager-deployment-model/>

Services by region <https://azure.microsoft.com/en-us/regions/#services>

Sizes for virtual machines: <https://azure.microsoft.com/en-us/documentation/articles/virtual-machines-size-specs/>

Virtual Machines Pricing: <https://azure.microsoft.com/en-us/pricing/details/virtual-machines/>

Performance best practices for SQL Server in Azure Virtual Machines <https://azure.microsoft.com/en-us/documentation/articles/virtual-machines-sql-server-performance-best-practices/>

Create and configure a Windows Virtual Machine with Resource Manager and Azure PowerShell <https://azure.microsoft.com/en-us/documentation/articles/virtual-machines-ps-create-preconfigure-windows-resource-manager-vms/>

[Storage Benchmarking with DiskSpd](http://www.davidklee.net/2015/04/01/storage-benchmarking-with-diskspd/) <http://www.davidklee.net/2015/04/01/storage-benchmarking-with-diskspd/>

Connect to a SQL Server Virtual Machine on Azure (Resource Manager) <https://azure.microsoft.com/en-us/documentation/articles/virtual-machines-sql-server-connectivity-resource-manager/>

High availability and disaster recovery for SQL Server in Azure Virtual Machines

<https://azure.microsoft.com/en-us/documentation/articles/virtual-machines-sql-server-high-availability-and-disaster-recovery-solutions/>

3 Keys to Configuring Azure Virtual Machines for Use in SQL Server Availability Groups

<http://www.concurrency.com/blog/w/3-keys-to-configuring-azure-virtual-machines-for-u>

SLA for SQL Database [https://azure.microsoft.com/en-us/support/legal/sla/sql-database/v1\\_0/](https://azure.microsoft.com/en-us/support/legal/sla/sql-database/v1_0/)

Azure Business Continuity Technical Guidance

<https://msdn.microsoft.com/library/azure/hh873027.aspx>

Using the Transient Fault Handling Application Block with SQL Azure

[https://msdn.microsoft.com/library/hh680899\(v=pandp.50\).aspx](https://msdn.microsoft.com/library/hh680899(v=pandp.50).aspx)

Cloud business continuity and database disaster recovery with SQL Database

<https://azure.microsoft.com/en-us/documentation/articles/sql-database-business-continuity/>

Azure SQL Database Geo-Restore <https://azure.microsoft.com/en-us/blog/azure-sql-database-geo-restore/>

Azure SQL Database Standard Geo-Replication <https://azure.microsoft.com/en-us/blog/azure-sql-database-standard-geo-replication/>

Spotlight on SQL Database Active Geo-Replication <https://azure.microsoft.com/en-us/blog/spotlight-on-sql-database-active-geo-replication/>

Azure SQL Database Transact-SQL differences <https://azure.microsoft.com/en-us/documentation/articles/sql-database-transact-sql-information/>

Azure SQL Database benchmark overview <https://azure.microsoft.com/en-us/documentation/articles/sql-database-benchmark-overview/>

DTU calculator <http://dtucalculator.azurewebsites.net/>

Configure firewall settings on SQL Database using the Azure Portal <https://azure.microsoft.com/en-us/documentation/articles/sql-database-configure-firewall-settings/>

Visual Studio Community Free <https://www.visualstudio.com/post-download-vs?sku=community&clcid=0x409>

SQL Server Management Studio <https://msdn.microsoft.com/en-us/library/mt238290.aspx>

Manage database access and login security <https://azure.microsoft.com/en-us/documentation/articles/sql-database-manage-logins/>

Connecting to SQL Database by Using Azure AD Authentication <https://azure.microsoft.com/en-us/documentation/articles/sql-database-aad-authentication/>

SQL Server database migration to SQL Database in the cloud <https://azure.microsoft.com/en-us/documentation/articles/sql-database-cloud-migrate/>

SQL Migration Wizard <http://sqlazuremw.codeplex.com/>

SQL Migration Wizard Demo <https://channel9.msdn.com/Shows/Data-Exposed/SQL-Database-Migration-Wizard>

Use Deploy Database to Microsoft Azure Database Wizard (Demo) <https://azure.microsoft.com/en-us/documentation/articles/sql-database-cloud-migrate-compatible-using-ssms-migration-wizard/>

Azure Automation: Your SQL Agent in the Cloud <https://azure.microsoft.com/en-us/blog/azure-automation-your-sql-agent-in-the-cloud/>

Elastic Database Jobs Overview <https://azure.microsoft.com/en-us/documentation/articles/sql-database-elastic-jobs-overview/>

Azure Elastic Database Jobs <https://www.pythian.com/blog/sql-edge-3-azure-elastic-database-jobs/>

Azure Elastic Database Jobs Cmdlets <https://msdn.microsoft.com/en-us/library/mt346080.aspx>

Create and manage a SQL Database elastic database jobs using PowerShell  
<https://azure.microsoft.com/en-us/documentation/articles/sql-database-elastic-jobs-powershell/>

Monitoring Azure SQL Database using dynamic management views <https://azure.microsoft.com/en-us/documentation/articles/sql-database-monitoring-with-dmvs/>