

Database

Microsoft SQL Server(DBaaS)



Easily Creates and Manages Microsoft SQL Server in a Web Environment

Microsoft SQL Server(MS-SQL) is one of the most popular relational database serving a wide range of applications. Samsung Cloud Platform provides an environment that automatically creates and configures MS-SQL, and to ensure the proper management of a single instance or critical data, features such as high availability capability, read/replication, backup/restoration, patch, parameter management, auditing, and monitoring were added, thereby automating DB lifecycle management.



Large-scale Data Platform

MS-SQL supports in-memory storage and large-scale data processing. It also uses partitioned index, making it easy to manage large tables. In addition, its resource management feature helps adjust resource usage.



Convenient DB Management

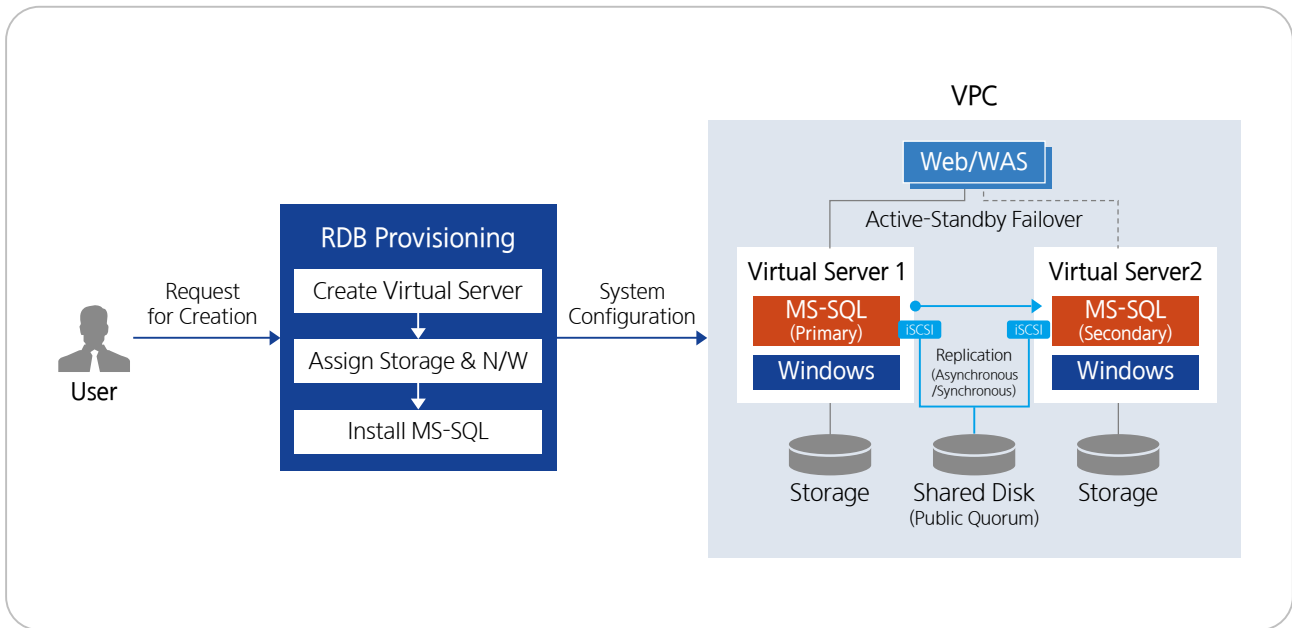
Microsoft SQL Server(DBaaS) uses a web-based console to automate DB managers' tasks, allowing easy access for anyone to be able to create and manage databases. With Samsung Cloud Platform taking care of complicated database management, users can focus on application development and service operation.



Outstanding Reliability and Availability

Microsoft SQL Server(DBaaS) offers optimized environments to securely manage customers' data based on Samsung SDS' decades of experience and know-how on DBMS management. The highly reliable high performance infrastructure and sync replication architecture developed by Samsung SDS also ensure high availability.

Service Architecture



Key Features

- **Rapid and safe DB creation**
 - Auto provisioning : Automatically install standard version Samsung Cloud Platform database using Virtual Server with various spec
 - HA architecture : Configure active-standby with disk synchronous replication based on Always On
- **Simple and convenient DB management**
 - Backup(Data & Archive) : Perform backup in File Storage by using differential backup feature in MS-SQL
 - Recovery : Able to recover to a specific point in time or to a backup stored point of based on backup files stored in storage
 - Patch : Provide patch function for minor version
 - User parameter setting : Set parameters regarding better DB performance and security
 - Read-only secondary : Configure read-only servers in the same region for purposes of load balancing for reading
 - DR architecture : Secondary server configuration for DR in a different region

※ Microsoft SQL Server(DBaaS) service provides SQL Server, a relational database of Microsoft. Microsoft SQL Server's software licenses use Bring Your Own License(BYOL), and software licenses in the cloud must comply with the policies of Microsoft.

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