

Database

Tibero (DBaaS)



Easily Creates and Manages Tibero in a Web Environment

Tibero is a relational DBMS that is optimal for data storage/processing/management and it has remarkable reliability, performance, and convenience. Samsung Cloud Platform provides an environment that automatically creates and configures Tibero database, 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.

Reliable Service

Tibero is a disk-based RDBMS developed by TmaxTibero using domestic technology. Building on the experiences and technologies accumulated over the past 20 years, it can provide stable and seamless service even during failure.

Convenient DB Management

Tibero (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.

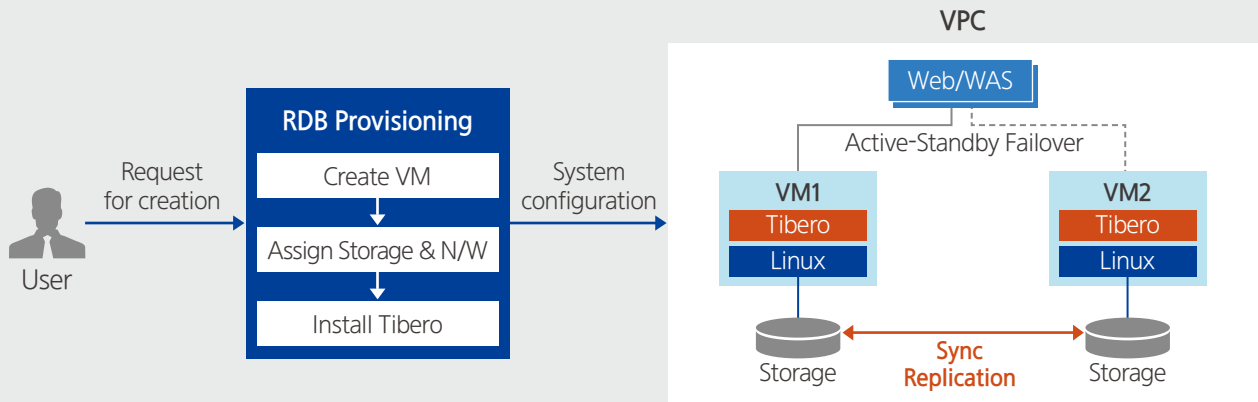
Outstanding Reliability and Availability

Tibero (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.

Robust Security

VPC (Virtual Private Cloud)-based network access architecture enables easier separation of databases and Security Group allows secure access while automated vulnerability diagnosis and analysis preemptively responding to security threats.

Service Architecture



Key Features

- **Rapid and safe DB creation**
 - Auto provisioning : Automatically install standard version Samsung Cloud Platform database using VM with various spec
 - HA architecture : Active-standby configuration based on SW-level synchronous replication
 - Multi-AZ configuration : HA configuration for Tiberio (DBaaS) across two availability zones
- **Simple and convenient DB management**
 - Backup : Use either the backup function available by DBMS or backup S/W. Both are saved in Object Storage (data & archive)
 - Recovery : Able to recover to a specific point in time or present time based on backup files stored in Object Storage (data & archive)
 - Patch : Provide patch function for DB minor version
 - User parameter setting : Set parameters regarding better DB performance and security

Pricing

- **Billing**
 - Provided in VM package, composed of VM & BM costs
 - Without contract : Hourly charge based on metering information of server (DB) status being 'on'
 - Contracted : Fixed monthly charge according to contract terms

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

FOR MORE INFORMATION

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