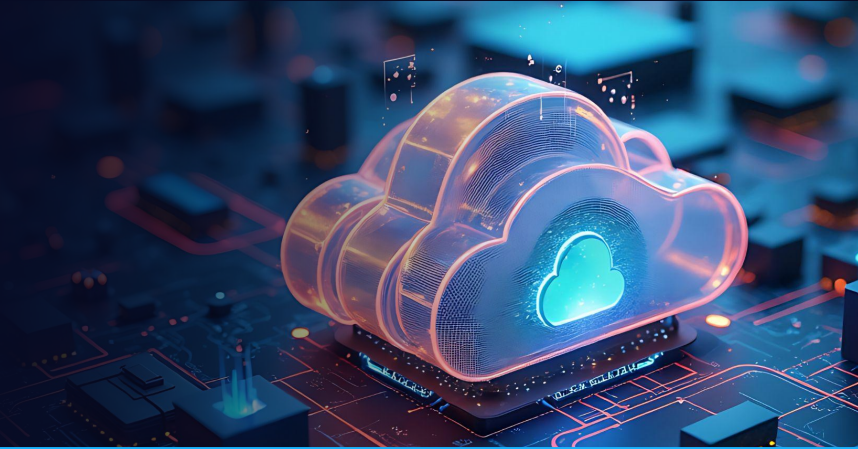


XAP Skyline







Seamless Data Operations with In-Memory Caching and Native SQL Access

XAP Skyline by GigaSpaces Technologies is a robust, distributed, in-memory platform designed to support full transactional capabilities, ensuring ACID compliance. The cloud-native platform establishes seamless integration with your backend database services (DBaaS), using advanced access patterns beyond traditional caching. With its comprehensive feature set, XAP Skyline ensures that you can build and deploy highly demanding applications with ease, speed, and flexibility.



With XAP Skyline, you don't have to compromise between high performance and the data integrity of a backend database.

Key Business Benefits

-  Enhance customer experience with millisecond response time
-  Achieve faster time-to-market with easy deployment and integration
-  Guarantee business continuity with always-on, high availability
-  Ensure that your applications can handle high loads while maintaining data integrity and consistency

Developer centric design

Ensure a uniform approach across the entire data architecture that enables simplified maintenance without lifecycle management of the cached data. With its comprehensive feature set, XAP Skyline empowers developers to build and deploy demanding applications with ease, speed, and flexibility.

The platform utilizes standard PostgreSQL drivers and provides simple APIs, including SDKs for Java and .NET/C#, facilitating seamless integration into existing workflows. XAP Skyline ensures smooth deployment and management in modern cloud environments, enabling developers to focus on innovative services instead of infrastructure.

Achieve data consistency for high performance applications

XAP Skyline guarantees consistency through the synchronization process with the database as a Service (DBaaS), eliminating the data loss and conflicting responses that may occur during synchronizations. This ACID compliant, in-memory platform guarantees reliable, scalable and consistent operations even in complex, high-demand environments. XAP Skyline ensures you don't have to compromise between high performance and the data integrity of a backend database.

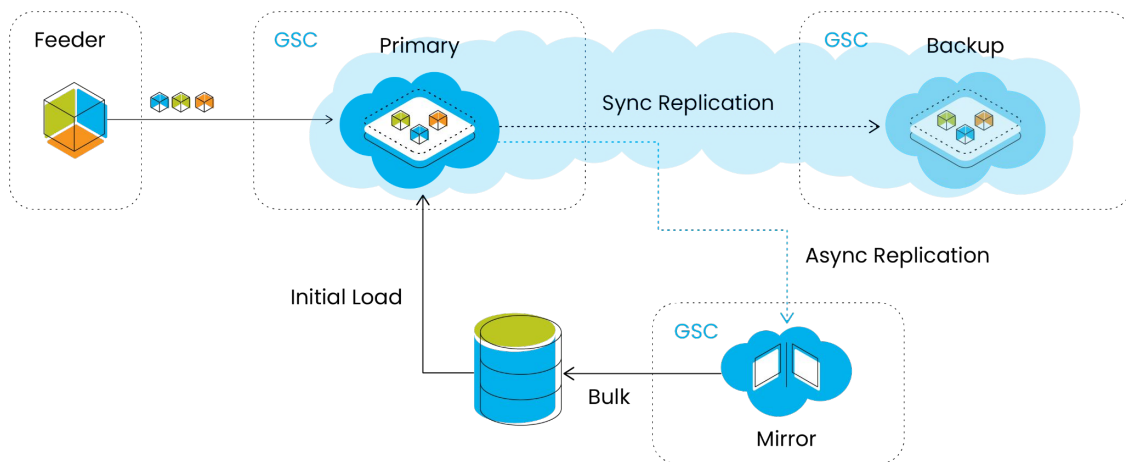
Achieve high concurrency even during peak loads

Designed for high volumes of concurrent transactions, XAP Skyline reduces the load on backend databases. The platform deploys the cache within the same Kubernetes cluster as your application and runs parallel distributed computations under extreme loads, cutting virtual network hops which significantly reduces latency.

XAP Skyline handles thousands of concurrent transactions by distributing the data and balancing loads across multiple nodes and ensuring that applications can scale horizontally, without compromising performance.

Ensure data is always synchronized with the Backend Database

Leverage a bi-directional SQL performance tier to decouple your relational database from the applications, while maintaining SQL-based CRUD access to the data. The XAP Skyline Mirror Service ensures that your data is always synchronized without burdening your application with direct database writes. The Mirror Service enables efficient write-behind capabilities, maintaining reverse consistency with backend databases.



XAP Skyline ensures superb response time at peak data volumes and high concurrency - with millisecond responses. With XAP Skyline you can ensure high data consistency and seamless integration with your backend relational database, using the same access pattern as with your cache.

XAP Skyline eliminates the complexity associated with managing transactions across distributed databases and services, allowing organizations to focus on innovation rather than the intricacies of backend data management, driving efficiency and productivity in cloud-native environments.

About GigaSpaces

GigaSpaces is a global pioneer in in-memory computing with solutions that simplify an organizations' digital transformation, enabling them to develop and launch digital services at a rapid pace. GigaSpaces technology unleashes the power of customers' data by transforming data silos into assets, turning organizations into digital-first, data-driven enterprises.

GigaSpaces offices are located in the US, Europe, and Israel, serving customers such as American Airlines, Morgan Stanley, Bank of America, CSX, Goldman Sachs, Societe Generale, Credit Agricole, Avanza Bank, Avaya, CLSA, and UBS. GigaSpaces is an IBM Gold Partner and has business partnerships with Boomi, Capgemini, and Cognizant.

For more information visit gigaspaces.com