

Powering Real-Time Data for Modern Apps and Analytics

GoldenGate for Distributed Applications and Analytics 26ai

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Public

other products in a Pub/Sub model. It supports exactly once semantics and allows the user applications to retrieve the data, in user specified format, from Oracle GoldenGate Microservice deployments directly through dedicated websocket channels.

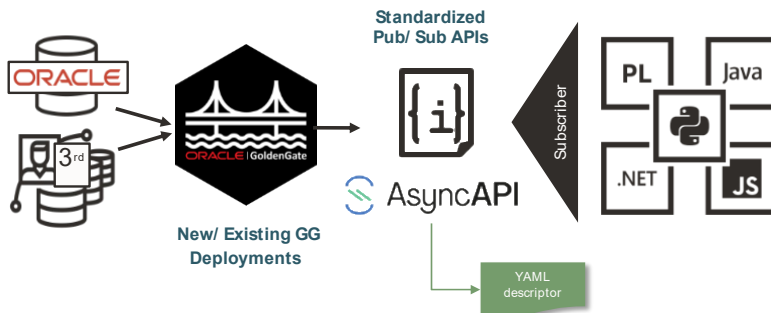


Figure 2: GG for DAAi AsyncAPI Support

Empowered, Real-Time Decisions: GG for DAA empowers data engineers and analysts to streamline real-time data delivery to data lakehouses. This eliminates data latency, enabling you to gain faster insights and make data-driven decisions in real-time. GG for DAA seamlessly transforms your data into industry-standard formats like JSON, XML, Avro, ORC, and Parquet, ensuring seamless integration with various analytics platforms. This unique optimization for high-volume data ingestions ensures your data lakehouses are always up to date, empowering faster and more collaborative decision-making across your organization.

Accurate and Reliable Universal Streaming Replication: GG for DAA serves as a central hub for universal message streaming, seamlessly delivering high-volume, low-latency real-time data to leading message streaming platforms. It ensures your data reaches its destination accurately and in the correct sequence. This means you can be confident that real-time analytics and downstream applications are working with consistent, high-fidelity data, even with high volumes. This eliminates the risk of errors or misleading insights that could impact critical decisions.

No Downtime NoSQL Migrations: GG for DAA enables developers to migrate data from NoSQL data stores (MongoDB, Cassandra and DataStax) to your target system without any disruption to ongoing operations. This obviates downtime and safeguards uninterrupted business continuity.

- Single real-time data ingestion platform for microservices and analytics
- Extensive source and target connectivity across Oracle and non-Oracle technologies and all clouds
- Enable high-performance data replication with minimal impact to production systems
- Critical foundation for a real-time, heterogeneous, and distributed enterprise data fabric
- Enhance decision-making with trusted, real-time data
- Easy to use with enhanced user interfaces
- Disaster recovery, backup and restore
- Access and integrate mission-critical applications without disruption

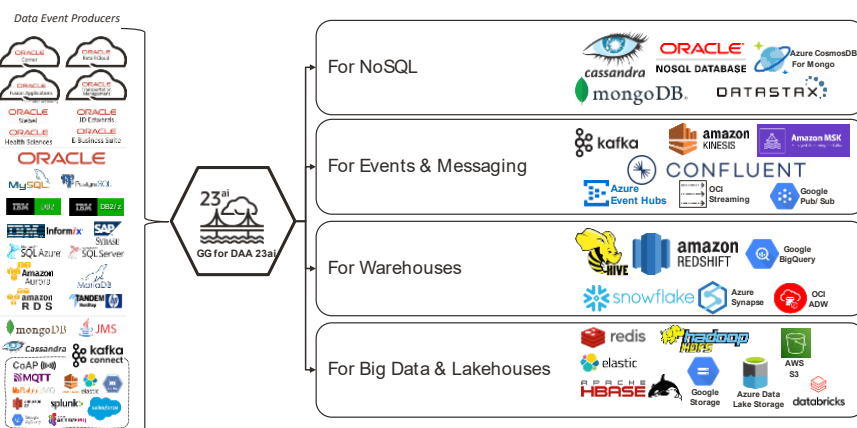


Figure 3: GG for DAA supported technologies.

Conclusion

Traditional data pipelines struggle to keep pace with the fast-paced world of micro-services. GG for DAA emerges as a game-changer, specifically designed to bridge this gap. It empowers organizations to seamlessly integrate real-time data into their micro-service architectures, fostering a data-driven culture for faster and more informed decision-making. This translates to a significant competitive advantage by enabling businesses to transform the customer experience landscape. GG for DAA simplifies development with features like AsyncAPI support, ensures data consistency across distributed applications, and guarantees high-performance delivery without impacting source systems. By unlocking the true potential of real-time data within micro-services, GG for DAA positions you for future innovation and success.

Contact us today to learn more about GG for DAA and see how it can help you achieve your data-driven goals.

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