Case Study: Raymond James Adheres to SLAs

Streaming Analytics Helps Guarantee Zero Data Loss with Data Replication

Overview

With over 4,000 instances of Oracle Golden Gate deployment, the DBA team at Raymond James Financial needed a real-time solution to gain timely, granular view of the replication of each of those instances between the source and the target to meet the demanding SLAs with business users. To achieve this goal, Raymond James chose Striim's streaming data integration and intelligence platform to provide continuous monitoring of the entire replication process, and ensure no data loss, timely delivery of the replication results to the business users. With Striim's real-time platform, Raymond James now has deeper understanding and better control over the data replication process, which in turn ensures business SLAs are always met.

Business Needs

Raymond James Financial has over 4,000 instances of Oracle Golden Gate deployment and those instances need to be replicated from multiple source systems to multiple target systems. The data in the target systems is used by business users to perform various analytics functions. Business users frequently need to access the data in the target systems to support various reporting and BI applications. Ensuring the integrity of the data during the replication and speedy delivery of the result are top priorities for the replication team.

Challenges

However, the existing Oracle Golden Gate system used by Raymond James can only perform data replication between the source and target, without the ability to monitor the process in real-time, nor can it provide detailed view on the root cause of the replication issue. Because of lack of visibility of the process, data loss during the replication is inevitable. To meet demanding business SLAs on the integrity and completeness of the data that will be used by the business users, Raymond James needed an enterprise-grade system that can provide real-time monitoring of the entire replication and granular views of the process flow, while also notify any alarming event instantly for quick time to response.

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Industry:
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Solution:
Detect and Alert

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Solutions and Benefits

Raymond James chose Striim's real-time data integration and intelligence platform to address their needs. With the Striim deployment, Raymond James is now able to gain timely, detailed insights on the entire replication process and respond to alarming events without delay. The key benefits realized at Raymond James include:

- Meeting the demanding SLAs by ensuring zero data loss during the replication

- Real-time replication monitoring for timely and deeper insights

- Quick identification of the root cause of the issues. Eg, when and where did the divergence happen?

- Real-time alert of the abnormal behaviors so actions can be taken right away

- Enabled more reliable service and guaranteed SLAs with the business users

- Reduced the management burden for IT with easy to use monitoring capability

Technology Used

Striim Real-time Data Integration and Intelligence platform.