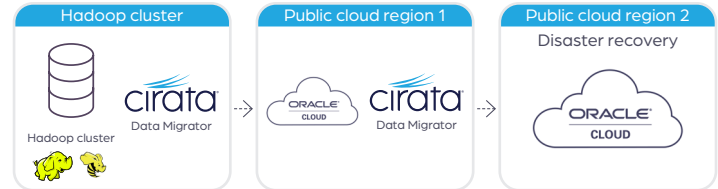


Daiwa Capital Markets move to the Oracle Cloud and provision for disaster recovery.

Company overview

Daiwa Capital Markets Singapore Limited has been operating in Singapore since 1972. It provides extensive coverage to an established international client base, maximizing client opportunities through the utilization of the resources and the network of Daiwa Securities Group Inc.



This use case is focused on



End of life Big Data Appliance



Migration to Oracle Big Data Service



Provisioning for disaster recovery

Requirements

Daiwa Capital Markets had two specific use cases, both related to the fact that the on-premise Oracle Big Data Appliance X7-2 infrastructure was coming to its end of life. Initially there was a need to move the key financial data into the Oracle Cloud for a one-time migration of the data. Once the data had been migrated, the second requirement involved the continuous movement of data across Oracle regions from their primary region located in Singapore to their secondary region located in Japan. Cirata's Data Migrator's ability to move live data between Singapore and Japan provides the basis for the disaster recovery requirement the customer needed.

Solution

With the assistance of Cirata's local partner, Path Infotech, a proof of concept was conducted to test both use cases. Path infotech, both an Oracle and Cirata partner provided the appropriate cloud environment substantiation and conducted the testing with the support of Cirata professional services. After a successful proof of concept, the team continued with the production implementation.

Data migrator was used for both the initial migration and the subsequent continuous data movement between regions. This was based on the unique way that Data Migrator can detect data changes in the source data without the need to rescan the source environment, an expensive and time consuming operation on large production Hadoop environments. It was this feature that allowed the initial migration to happen with no downtime, and the near real-time data movement required for the disaster recovery.