



MISR DIGITAL INNOVATION



Client:

Misr Digital Innovation

Project Title:

Building Data Streaming platform using Confluent Kafka and big data platform using Cloudera CDP on production and DR

Main Problem:

A new bank trying to identify the solution/requirements they will need, with strict security compliance

Challenges:

- Strict security in order to get the central bank approval for the new bank license
- Capacity planning forecasting with vague inputs and requirements
- Busy infrastructure teams and low support because of multiple vendors are running parallel projects at the same time



Solution:

- BBI helped with the prerequisite's implementation and validation with the lowest support from MDI infrastructure teams
- BBI implemented strict security requirements, Encryption using KTS/KMS, TLS, Kerberos integration, AD integration and SSSD and centralized login using Knox
- BBI met with multiple teams like data integration team, data warehousing team and infrastructure teams to gather data for the capacity planning of clusters
- BBI updated the implementation plan for Confluent Setup in the middle of the project implementation to use the new feature cluster linking instead of Conduent connectors when the Confluent released v7.1.2 for the DR replication
- BBI helped with dev and sit environment health check



BBI Advantage:

- Strong experience with huge volume of data management
- 100% focused in Banking
- Solid Hands-on expertise with different Confluent and Cloudera setups
- Flexible and results oriented Team

Results/Outcomes:

- Successful project delivery in-time and with zero deviations after Cloudera and Confluent health checks
- Successful team training to all Confluent and Cloudera services