



Cross Cluster Replication Upgrade from Elasticsearch 7.17.10 to 7.17.15 for a major fintech company in England

5 Node
Cluster



Minimal Impact on Integration



Faster Upgrade

CLIENT

The client is a financial technology business based in England. The company offers a portfolio of products and solutions to the retail banking, transaction banking, lending, and treasury capital markets.

TECHNOLOGY STACK



PROJECT CONTEXT & CHALLENGES

The client was on a self-hosted elasticsearch cluster version 7.17.10.

Uni-directional Cross Cluster Replication(CCR) was enabled for the primary and disaster recovery clusters.

They wanted to upgrade Elasticsearch, Kibana and the Azure Repository plugin to 7.17.15 and upgrade them during the downtime window

SOLUTION DELIVERY

- Designed the upgrade strategy and rollback plan
- SquareShift performed rolling upgrade on the 5 node cluster
- Upgraded Elasticsearch, Kibana and Azure Repository plugin

CUSTOMER SATISFACTION

Made sure the following integration were upgraded without impacting the cluster configurations

- Storage Account where snapshot stored
- Replication (cross cluster) configuration
- License which is imported using Kibana