

## Managed Services- Case Study

### Our Client

A retail store in the US, providing a large & wide range of product portfolio to the customers.

### Engagement Scope

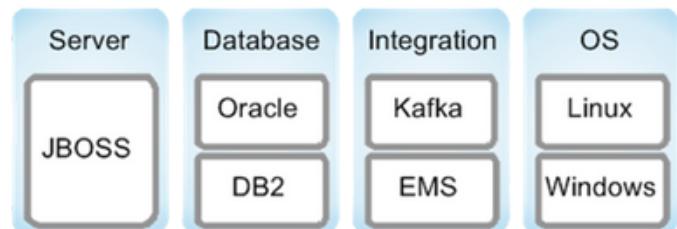
- Supporting the application deployments on JBoss web & application servers.
- Deployment of microservices.
- Creation and supporting of various environments like Dev, QA, Fix, Stress, Perf for the applications.
- Migration of applications to upgraded server versions.
- Manual and administrative console deployment of various applications.
- Configuring, updating the configurations for several environments for various releases.

### CHALLENGES

- Ensuring environments are up and running all the time with
  - latest applications deployed
  - with recent configuration updates in JBoss Web and Application servers.
- Impact on existing development environments
- Upgrading the development application from JBoss 6.4 to JBoss 7
- Keeping in sync all the environments (Dev, QA, Fix, Stress, Perf) with various releases.

### SOLUTIONS & BENEFITS

- Analysis and resolution of tickets raised by various business teams.
- Usage of multiple JBoss Web and Application Servers for deployment for scalability.
- Usage of Oracle, DB2 as the database servers for scalable applications.
- Usage of SOAP based micro services on JBoss Application Server for componentized approach.
- Usage of Kafka as the messaging service for Asynchronous communications.
- Usage of JBoss Vault for storing the passwords for secure password protection.



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