Business Need
- Client is undertaking a transformation endeavor to adopt Oracle Fusion Middleware while exiting JCAPSv6 platform.
- Introduce and implement Oracle Fusion Middleware between source and target systems without changing interaction type and message pattern in source and target systems.
- Identify the pain points with existing implementation and provide solution to address those pain points in Fusion Middleware.
- Reuse of foundational services.
- Deployment strategy with recommendation for server/hardware sizing.
- Build Fusion platforms for transformation initiative.

Technology Platform
- Oracle Fusion Middleware 11gR1 (11.1.1.7.0)
- Oracle SOA Suite 11.1.1.7.0
- Oracle Service Bus 11.1.1.7.0

Cognizant Solution
- Assessment of platform, reference architecture of target platform, building implementation roadmap.
- Leveraging Cognizant JCAPS to Fusion Re-engineering approach and STEER methodology.
- Developing process integrations using Oracle BPEL and Oracle Service Bus.
- Utility framework which provides the ability for fault and exception handling in case of business faults or run time faults.
- Leveraged out-of-the-box monitoring and management capability of FMW.
- Secured services using digital certificate authentication
- Creation of separate clustered domain server with in the production environment with High Availability and load balancing setup.
- Leveraged Fusion Accelerators to optimize develop time:
  - JCAPS to Fusion Migration Tool.
  - Fusion Deployment Accelerator.
- Implemented OSB Sync Async bridge model to handle high transaction timeouts with large payload.
- Leveraged OSB Java callout option to handled large file processing efficiently.
Client Benefits

- Proposed reference architecture which gives roadmap for smooth transitioning from existing JCAPsv6 to Fusion Middleware platform.
- Best Practices & Integration Patterns to address each use case.
- Evaluation matrix to decide on the choice of implementation approach for a given use case.
- Service Virtualization & Message Throttling using the features in OSB.
- Common utility services developed that can be reused in future integrations.
- Critical services are distributed across domains, so that no two critical services are dependent on the underlying infrastructure.

For more information on Cognizant's Oracle solutions, contact us: OSP_Marketing@cognizant.com

About Cognizant

Cognizant (NASDAQ: CTSH) is a leading provider of information technology, consulting, and business process outsourcing services, dedicated to helping the world’s leading companies build stronger businesses. Headquartered in Teaneck, New Jersey (U.S.), Cognizant combines a passion for client satisfaction, technology innovation, deep industry and business process expertise, and a global, collaborative workforce that embodies the future of work. With over 75 development and delivery centers worldwide and approximately 217,700 employees as of March 31, 2015, Cognizant is a member of the NASDAQ-100, the S&P 500, the Forbes Global 2000, and the Fortune 500 and is ranked among the top performing and fastest growing companies in the world.

Visit us online at www.cognizant.com or follow us on Twitter: Cognizant