P-A-S-S™ Engineering – High risk platform migration supporting 108 million transactions/day for a telecom provider

Challenge : High risk migration of a heavy volume BRM product for an Australian telecom provider with peak volumes of 108 Million

Technology Stack:
Oracle BRM 7.4 (Billing, Rating, Finance and CRM modules), Oracle Database.

Results:

Smooth migration
Performance improvement between

200% - 500%

Avekshaa's Solution :

A leading telecom provider in Australia was looking to migrate their Oracle based Business Relationship Management (BRM) to the next version in order to use the new features and functionality. However, their Systems Integrator did not feel that the new version would support their high volume transactions which peaked at 108 million per day. The project was at risk with critical business and cost implications.

The main challenge was migrating the massive database, and have it scale up to handle more than a 108 million transactions with high performance levels. The team used the Avekshaa P-A-S-S™ Migration assurance methodology to do a thorough analysis of the technology stack and the supporting hardware platform and the usage metrics. Performance of all the crucial components was optimized as were the interfaces.

Results :

The migration was completed and the system went live on schedule. Post-deployment monitoring and updates demonstrated that the upgraded system was meeting all the performance and scalability requirements and the migration was termed a huge success. Performance of various modules was improved between 200% - 500%

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