INFOSYS HELPED AN AMERICAN RETAIL AND APPLIANCE STORE CHAIN IMPROVE ITS APPLICATION TESTING WITH STATIC AND DYNAMIC DATA VIRTUALIZATION

Abstract

Client is an American company that operates a chain of retail home improvement and appliance stores in the United States, Canada, and Mexico.

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Client Challenges

The client faced several challenges in application testing:

- Unavailability of applications during testing schedules, impacting their release

- Huge transaction costs on account of third party systems, which significantly increased overall project cost

- Bad or insufficient test data, resulting in gaps in test coverage and delivery quality

Infosys Solution

Infosys and CA worked together to:

- Virtualize the dependent credit system for the identified business scenarios, for exhaustive test conditions

- Build in custom logic for static and dynamic data virtualization

- Provide an unlimited transactions environment created by the virtualized service hosted in the CA Lisa Virtualized Environment, and accessible to the performance lab 24*7

Quantifiable Benefits for the Client

- Faster turnaround time for application changes by virtualizing the credit system

- Early defect detection to give developers more time to fix issues

- Cost savings due to significant reduction in the invocation of pay-per-use third party systems

- Yearly cost savings of about USD 100K due to virtualization of the work being done by service providers

- Increase in test coverage by executing additional test cases within every release

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