

About the Client:

Is Southeast Asia's largest bedbank provider in B2B market segments

Has a wide user-base supporting 8000+ travel agents, 15000+ frontline bookers with 5000+ daily bookings Offers hotel availability and appropriate deals to customers at more than **350,000** hotels worldwide

Provides real-time availability and inventory management

Business Needs:



Assure system improvements for 20 million+ cache reads & 4 million+ cache updates per minute



Assure data storage optimization for 2TB plus data at rest

reliability, and cost optimization



Confirm integrated deployment for flexibility to cater ever-changing business requirements



Solutions:

Defined and implemented non-functional quality attribute assurance engineering practices covering processes, strategy, gap analysis, tooling, scripting, execution, data analysis, and profiling

Analyzed, defined and successfully implemented metrices covering infrastructure, solution, and business success metrics

on-demand cloud-based geo scalable load generation test lab and data generation framework

Defined and built

decision making by evaluating multiple stacks and confirming apt option based on business KPI achievability

Supported architectural

Executed cloud test spectrum - configuration testing, performance testing, scalability testing, and resilience testing

design, dependency and deployment to have optimized cost (Capex & Opex) for expected performance

Confirmed new application

Test Engineering Stack

Technology Stack:











Couchbase

Application Technology Stack















Amazon S3

Business Impact:

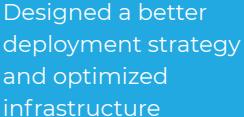


Achieved the

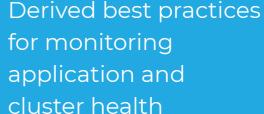
capability of the stack

Acknowledged the

key NFR constraints



provisioning



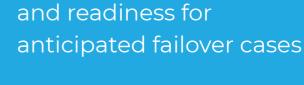
Improved application

scalability, availability,





predictability about application sizing and its responsiveness



















Test Architectural

Consultancy



Testing

Interoperability

Testing

Testing

Optimization

Testing



Testing

Resilience

Testing

Testing

Performance IaC Cloud Security

Automation

Deriving Global Next Gen Solutions with Purpose-Driven Cloud Test Engineering Approach

