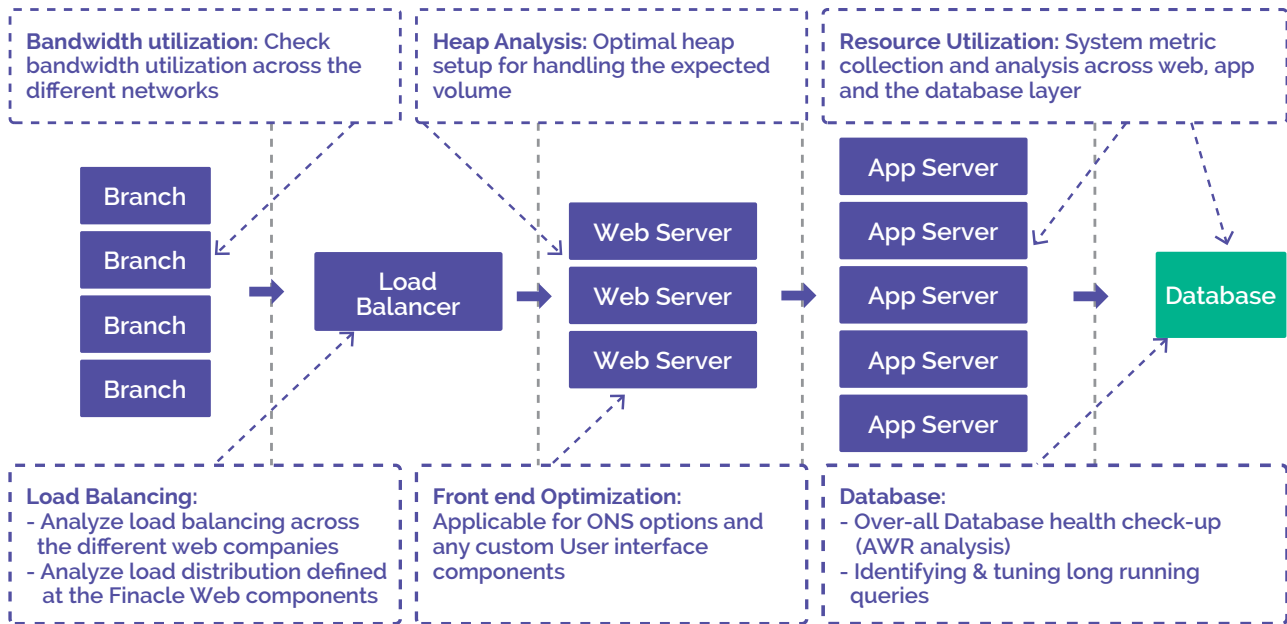


P-A-S-S™ Consulting – Performance and down-time issues crippling bank's productivity across 3000 branches and 10,000 ATMs

Challenge : Performance and Availability issues crippling bank's retail operations across 3,000 branches and 10,000 ATMs



Technology Stack:

Finacle Core Banking, Oracle database on Solaris (massive DB), IBM WebSphere Application Server, Resin

Results:

Significant performance improvement across Core banking system (3000 branches and 10,000 ATMs) Web server down-time eliminated

50%
IMPROVEMENT
in response times

Avekshaa's Solution :

Avekshaa was brought in to provide P-A-S-S™ optimization services across the core banking system which supported 3000 branches and 10,000 ATMs via multiple channels. Avekshaa's unique P-A-S-S™ optimization methodology was put into play to identify performance issues across the technology stack.

- The massive Oracle database was reviewed at the architecture, instance, I/O and query levels for areas of improvement.
- The hardware infrastructure (CPU/Storage/Network) was reviewed to locate bottlenecks.
- The web and application server configurations and performance metrics were examined to identify optimizations in thread, memory and connection resource management.
- Front end optimization was conducted to identify simple changes that produced quick improvements in response times.

Results :

Avekshaa's P-A-S-S™ optimization resulted in significant performance improvements across the system. Web server downtime was eliminated (earlier it went offline 3-4 times per day). Database performance tuning resulted in significantly faster response times (around 50% improvement), resulting in a better user experience and increased productivity. Avekshaa also provided a comprehensive capacity plan to the customer to handle future growth.

Testimonial :

 the smoothest month-end and quarter-end in recent times