



Case Study : Migrating Web Applications to AWS for HR Application

Project Overview

Objective: Migrate the existing standalone web application to Cloud for meeting high availability needs and lowering the cost. Spring based - 3 tier Java Web application

Challenge: High Cost due to the dedicated infrastructure setup, even through the Application experienced fluctuating demand.

About The Client:

The client develops and distributes tools to help people thrive at work. They use data to create, test, and refine their tools to maximize their impact.

Case Survey

Standalone web application need to migrate to Cloud.

Technology



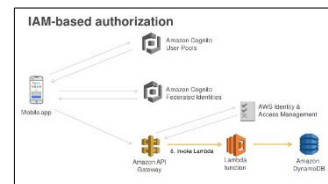
Server hosted on AWS EC2



Database: RDS - MySQL DB Engine



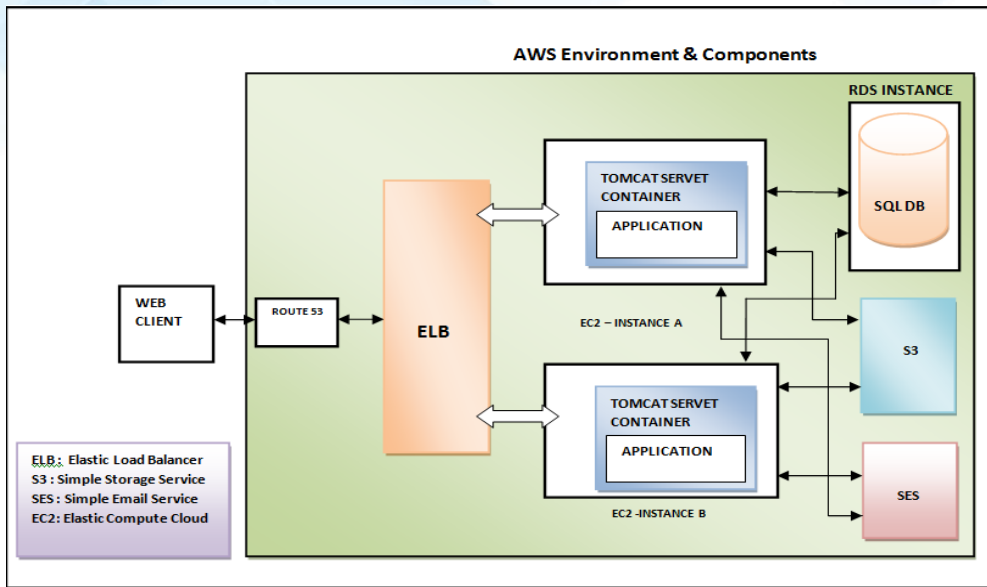
Load Balancing-Elastic Load balancer



Authorization: IAM



Detailed Flow



Our Solution

- ❖ Application migrated to AWS
- ❖ Cloud Readiness Assessment: Application
- ❖ Windows to Linux Porting
- ❖ Database de-coupled on Services side for performance improvement
- ❖ Application Configuration Changes to adapt AWS Services

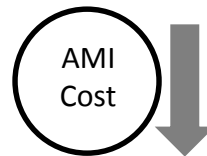
Business Benefits Delivered



Migration to AWS for Reducing the Cost by 60%
Optimal utilization of resources on cloud



SES service incorporated for Email based notifications at no additional cost



Re - platforming the application from windows to Linux, reducing the AMI Cost.



RDS for performance improvement & simplified DB management and backups.

About InterraIT

InterraIT is global IT consulting & services company providing business software solutions that improve operational efficiencies, address organization's unique business needs, and allow better ways to access and manage information at lower TCO & faster ROI. Established in 1996 & headquartered in San Jose, InterraIT's has world-class delivery centers in India & has client-partner network spanning across the United States.

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