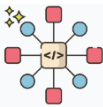








Franciscan’s School ERP system with mesh structure of 60+ modules, Mobile Apps and other e-solutions were hosted on Public cloud of other Cloud service provider and they were facing challenges of auto scaling, performance issue during peak hours and issues in specific countries. Frequent upgrade requirements were resulting in increased cost.

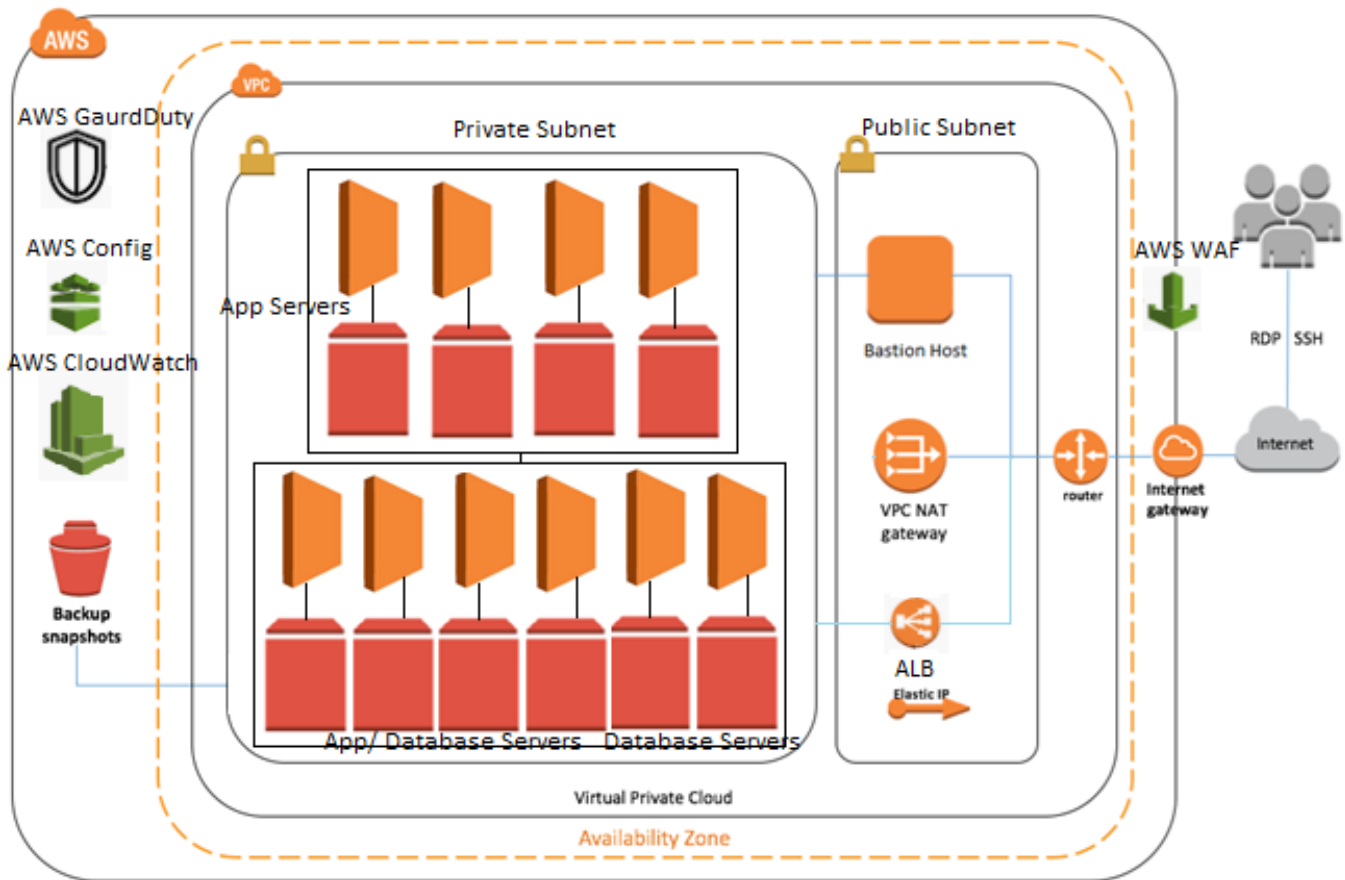


About Client

Incorporated in 2007, Franciscan is an innovative venture that seeks to redefine your business by providing unique and strategic e-solutions. Franciscan is an ISO 9001:2015 certified company. Franciscan’s service line primarily includes School Management System (known as e-Care), e-Communication System and World Class Security Management System for the Schools. Serving a clientele of more than 1000 satisfied customers with an average growth rate of 170% every year, Franciscan is one of the fastest growing EdTech organization in the field of Educational ERP for K-12 Schools.

Key Challenges	Solution Proposed
 <p>Managing mesh structure of ERP</p>	<ul style="list-style-type: none"> • Implemented CloudFront to ensure consistence performance across globe. • Provided option to select choice of machines • Implemented the AWS Data security service– Inspector and Guard duty for enhanced data security. • With the Use of AWS managed services & MIND managed services resulted in lower down time. • Implemented CloudFront (CDN) to reduce load on backend server • Scaling during peak load helped in saving the cost • SLAs in place to achieve service excellence and timely response to issue raised
 <p>Lack of enough tools for forensics (Security)</p>	
 <p>Performance issue in specific countries</p>	
 <p>Performance issue during peak hours</p>	
 <p>Slow infra change processes by CSP</p>	
 <p>Frequent upgrade requirements result in increased cost</p>	
 <p>Lack of timely response</p>	

Proposed AWS solution architecture



Offered AWS Services

- ✓ **AWS Data security service (Inspector and Guard duty)** - for enhanced data security.
- ✓ **AWS CloudFront (CDN)**- to ensure consistence performance across globe and to reduce load on backend server
- ✓ **AWS CloudWatch** – To continuously monitor the resources created for the application.
- ✓ **AWS WAF** - helps to protect web applications and APIs against common web exploits
- ✓ **Auto scaling** – to provide scalability during peak load which helped in saving the cost
- ✓ **AWS Billing and Cost Management console** for overall account spend, workload cost and also usage of key resources

Objective achieved

- ✓ Franciscan got more reliable infrastructure at lower cost by migrating their workloads on AWS
- ✓ Franciscan got the enhanced data protection and security by using specific security services i.e. Inspector and Guard duty
- ✓ With the use of AWS cloud front and AWS Certification Manager, Franciscan has saved more than USD 22k annually
- ✓ Reduction in cost by using appropriate servers as per the load requirement
- ✓ Significant improvement in performance to cost ratio