



Customer Name: Trinity HealthShare

The Challenge

Trinity Healthshare required assistance to design, create, deploy and optimize their claims processing application in a net new AWS environment. This business-critical application required the performance, high availability and scalability of the AWS platform while meeting the security and legal regulations of the healthcare industry.

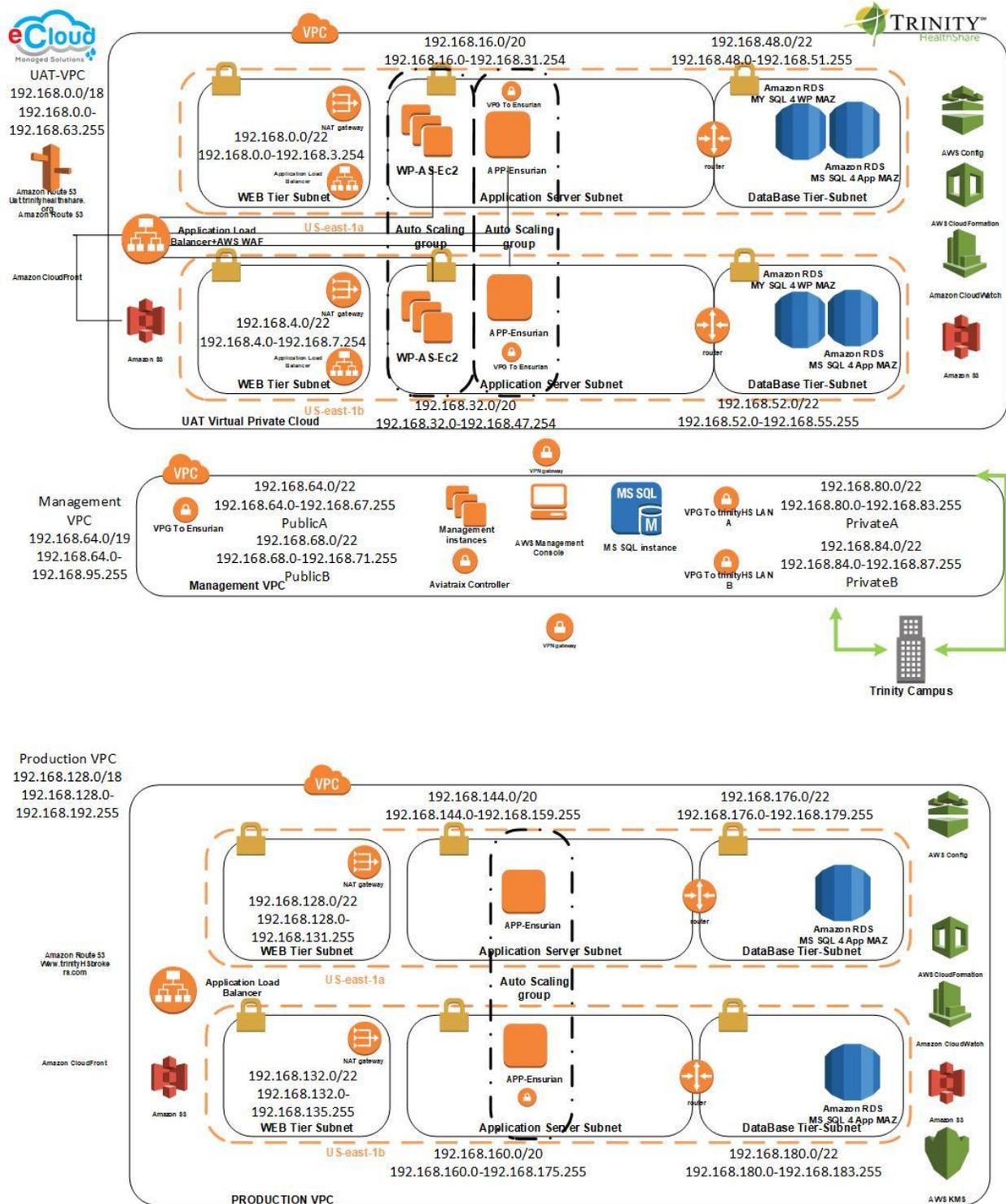
The eCloud Solution

Utilizing the best practice and the guidance of the AWS HIPAA QuickStart, eCloud Managed Solutions organized a migration plan that was then implemented over the course of 8 weeks.

VPC's containing multiple EC2 instances for the application layer and RDS for database were created in multiple Availability Zones (2). Amazon EBS (Elastic Block Storage) with encryption enabled was implemented to ensure at-rest encryption requirements. Route53 was utilized for DNS service and CloudWatch and CloudTrail implemented for monitoring and audit governance respectively. To meet the 99.99% uptime and availability requirements, application load balancing across the two Availability Zones was implemented and Amazon WAF was utilized to provide a protective layer to help prevent web exploits.

To ensure compliance with HIPAA data security standards, GuardDuty was implemented and encryption was enabled for all traffic, both internal and external, to ensure in-transit encryption requirements were met. Amazon

EBS with encryption enabled was utilized to meet at-rest encryption requirements.



Outcome:

Trinity HealthShare was able to deploy their production claims processing application in AWS, leveraging its HIPAA eligible services, while lowering costs and improving performance, security and availability of its application.

Thanks to our dedicated Architecture team, that follows the AWS Well Architected Framework, and the flexibility of AWS Platform, eCloud Managed Solutions was able to quickly and efficiently build a safe, highly available environment within a HIPAA compliant framework.

Post Implementation Details

Migration completion date	7/2019
Root account owner	Trinity HealthShare
Business Associate Agreement	A BAA exists between Trinity & AWS