

Migration of an Enterprise Imaging Product to AWS Cloud

Client Requirements

Client is a leading, global imaging vendor that wanted to move their on-premise solution to the cloud by consolidating the EA archive from multiple providers to achieve scalability, durability, high availability and create a disaster-agnostic solution.

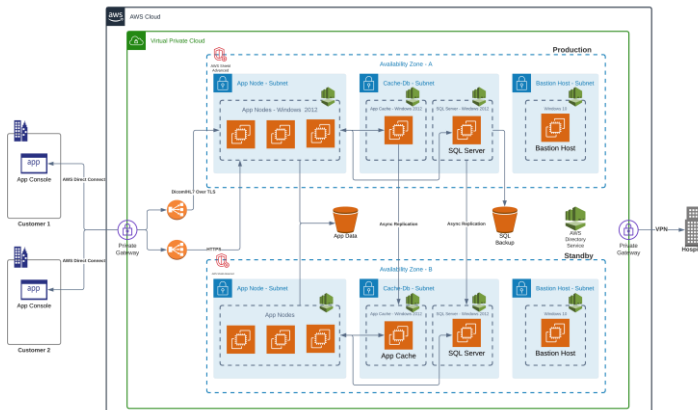
With our guidance, the client decided to re-host and re-platform to AWS cloud.

Solution Design

- Created an automated AWS infrastructure that is secure, available, and reliable using cloud formation templates
- Implemented AWS Directory Service for Microsoft Active Directory as IAM to sync users, groups, and access control for AWS virtual machines
- Built a custom secure storage solution to replicate cached data between servers and across availability time zones
- Configured SQL Server AlwaysOn Availability Groups for high availability, disaster recovery, and read-scale balancing
- Used Snowball to transfer bulk data from on-premise to AWS

Value Delivered:

- Our strong cloud proficiency enabled a quick turnaround on the project
- Deep process-driven approach supported seamless migration across solutions and various scenarios
- Enabled a repeatable and scalable solution that accelerated migration across multiple providers



Solution Schematic