

59,000 NURSES RELY ON AANA TO KEEP THEM UP TO DATE SO THEY CAN SAVE LIVES

CDW Amplified™ Services and AWS helped The American Association of Nurse Anesthesiology lower costs, improve security and simplify their IT environment.

Customer Overview

The American Association of Nurse Anesthesiology (AANA) provides their Registered Nurse Anesthetists (RNAs) and Certified Registered Nurse Anesthetists (CRNAs) with the support they need to attain and maintain their professional knowledge and certifications. Founded in 1931, the Park Ridge, Illinois-based association represents more than 59,000 nurses across the U.S.

The Challenge

When Rose Gilligan joined the IT team at AANA, she had no idea that within six months she would lose several key individuals and be faced with the daunting task of running the enterprise's technology without a significant portion of her already small IT staff. She knew she needed to focus the energy and time of her team on AANA's core business, helping nurses, not on running and managing a data center – so she called CDW.

“Our association depends on high-tech applications to deliver the critical support to our members, and those applications require significant computing resources. CDW and AWS helped us move to the cloud quickly, gracefully and cost-effectively, and their managed services help us stay ahead of the curve.” – Rose Gilligan, Director of Information Technology

The Solution

As AANA's need was both urgent and immediate, the CDW team opted to begin the process by orchestrating a rapid managed service deployment. With the weight of the day-to-day management off their shoulders, CDW and AANA began the process of ascertaining the current state of the environment and to gather additional data necessary to make a recommendation. Based on that discovery work, CDW recommended AANA migrate their environment to AWS and that CDW Amplified™ Services Managed Service for Cloud, (Premium level) be instituted once the migration was complete.

CDW launched Discovery Agents into AANA's environment and traced all communication paths revealing multiple Active Directory forests, 150-plus servers and considerable SQL servers all with multiple database information. Additionally, CDW performed in-depth security vulnerability analysis, application and server dependencies and imaging in order to build a statement of work.



The Solution – Continued

Once a solo environment was obtained, several AWS services were used to build baseline data of on-prem objects for dependencies, resources being used, analytics of resource usage, as well as optimizing the final product in AWS. In order to accomplish all these critical tasks, CDW employed:

- **AWS Migration Hub** was employed to create a data-driven inventory of AANA's existing IT assets and used that inventory to track a variety of portfolios of applications being migrated to AWS.
- **AWS Application Discovery Service** then enabled the team to plan the customer's migration to the AWS cloud by collecting on-premise usage and configuration data.
- **AWS Discovery Connector** was installed and configured to collect information on the virtual machines in the VMware space. This then was used to assess the virtual machines and use analytics to obtain sizing preferences based on utilization.

From this point, the CDW and AANA teams created the VPC, subnets, route tables and gateway schemes needed and performed the migration within the customer's timeline with minimal cutover disruption.

At this point, CDW's Managed Service team took over. AANA was enrolled in the Premium tier of managed service, providing them with 24x7x365 technical support, Proactive Next Generation Monitoring, a Technical Account Manager (TAM) and Engineering on Demand. AANA quickly took advantage of the engineering support in order to assist them role-setting within their environment and access to external clients.

AWS Services Used



AWS Certificate Manager (ACM)



Amazon Simple Email Service (Amazon SES)



AWS Application Discovery Service



AWS Migration Hub



AWS Database Migration Service (AWS DMS)



AWS Identity and Access Management (IAM)



AWS CloudTrail



Amazon Relational Database Service (Amazon RDS)



Amazon Simple Storage Service (Amazon S3)



Amazon Elastic Compute Cloud (Amazon EC2)



Application Discovery



Application Load Balancer



Amazon Virtual Private Cloud (Amazon VPC)

The Benefits

AANA does critical work for members who play a pivotal role in the health of millions of Americans and they needed a stable and functional IT ecosystem built for today as well as whatever the future might bring.

By listening closely to what AANA needed, CDW was able to leverage its decades of experience and expertise to provide numerous benefits. AANA has an improved security posture, expert day-to-day management and has achieved a **cost savings of nearly 50% every month**.

