

Red River Migrates CRC's Infrastructure to the AWS Cloud



CHALLENGE

Clark Realty Capital (CRC) is a national real estate company focused on serving military housing partners and jointly owned real estate investments with the Clark organization.

CRC had a unique need for making their file servers available to multiple regional offices spread across the nation. They were looking for a solution that could provide high durability and availability of these servers. Red River performed an assessment of their on-premises server environment and designed an AWS infrastructure solution. This solution reduced operational cost and helped to support current and future business requirements.



SOLUTION

The migration of nearly 30 source servers and half a terabyte of physical data was accomplished using a combination of third-party software (Cloudamize) and native AWS tools. Properly using both re-hosting and re-platforming techniques, this migration was performed with minimal downtime. The resulting infrastructure was architected to be highly available and extremely scalable.

Along with this migration, Red River provides 24/7/365 ongoing support and maintenance of the environment. These managed services consist of optimization of the environment, applying patching, monitoring and alerts. Our Managed Services team is now able to immediately respond to alerts within their environment. This includes increasing storage as necessary, cleaning out old files and updating certificates.



RESULTS

As a result of migrating from a legacy on-premises environment to the AWS cloud, CRC is now in a fantastic position to leverage some of the most cutting-edge technology available in the Web landscape. Reaping the immediate benefit of unlimited physical storage (S3 and Glacier) and instant scalability (EC2 and EBS), CRC is free to explore other AWS services that support their business needs. This can include anything from AI-assisted log monitoring to continuously available multi-master SQL databases.