



Phix Solutions Case Study

THE CLIENT

Phix Solutions is a team of market researchers, growth strategists, technologists, and creatives. A think tank and a seal team. Their process is simple; Collecting market intelligence to help business scale to new markets, get an edge on their competition, refine their product, or simply to find GAPS that are impeding on delighting their employees, partners, and customers, and align organization's people and processes with technology that enables internal/external efficiencies through automation and visualization that creates ongoing optimization and breakthrough insights.



THE CHALLENGE

Phix Solutions has developed a SaaS based financial services application that is geared towards driving philanthropic behavior in each community to support local nonprofits that the consumer identifies with and wants to support. Their application was developed overseas by a software development firm and was deployed on Heroku. With the limitations of cloud-native services and development tools (CI/ CD), Phix Solutions was concerned about the longevity of hosting on the Heroku platform and concerns of global conflicts affecting resource availability. Phix also has very limited resources and cloud expertise to design, deploy and needed ongoing support of their AWS environment.

THE CLIENT

Phix Solutions partnership with eCloud has provided a scalable, secure and flexible landing zone for growth and innovation.



THE SOLUTION

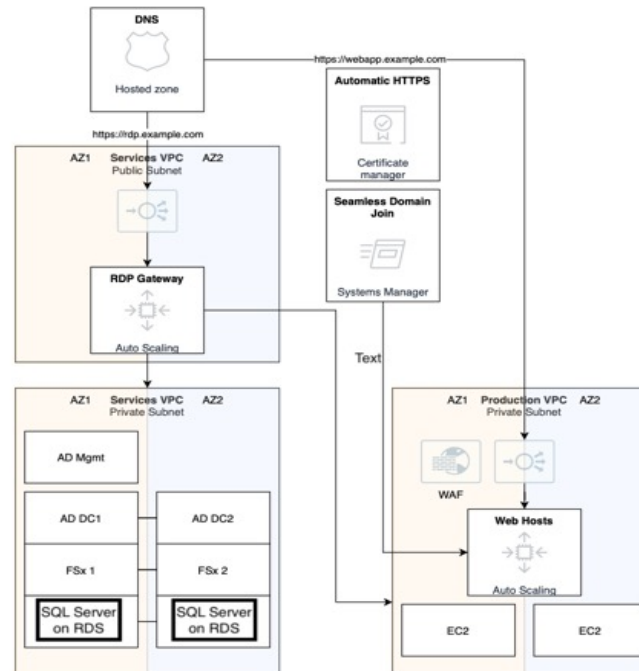
eCloud identified a platform that can scale while continuously innovating, global deployment options and support. eCloud deployed key security solutions needed to house PCI and PII related data by utilizing the reference architecture, GuardDuty, SecurityHub, IAM, MFA, CloudTrail, encryption at rest and in transit. eCloud developed infrastructure as code (IaC) templates for multi-AZ deployment, CI/CD pipelines (2), multiple dev/test/QA environments to avoid configuration drift between environments and pipelines. eCloud provided knowledge transfer throughout the project while continuing to provide ongoing day 2 managed services 24/7.

THE CLIENT

eCloud provided lower latency and improved web average response times leveraging our multi-AZ and load balancing approach.



SOLUTION DIAGRAM



THE IMPACT

There are a lot of positive impacts for Phix Solutions by selecting eCloud and AWS. First, Phix has a platform that can scale nationally and ultimately globally. Secondly, they have a secure platform with innovative services to continue to build and improve their application. Next, having their application on AWS they can meet security and PCI & PII compliance requirements being handed down to them by clients and future prospects. On their old platform, they couldn't go after larger enterprise clients due to the limitations of the platform and the inability to meet compliance requirements, mainly PCI. Lastly, eCloud provides the ability to continue to help Phix innovate their application, monitor PCI security, and provide day 2 managed services on a 24/7 basis.



About eCloud

eCloud Managed Solutions, based in Atlanta GA, helps organizations increase security and efficiency by offering guaranteed performance and business agility while mitigating risk with cost-effective hybrid solutions. Founded in 2016, eCloud is a woman-owned business that guides organizations in evaluating, migrating and operating to better support business requirements. eCloud has helped companies remain secure, compliant, and highly available to their customers that rely on them. For more information, visit ecloudms.com

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