



Benefits Summary



Enhanced Security and Compliance



Scalable and Reliable Infrastructure



Cost Reduction through Jumpstart Funding

About Plinqit

[Plinqit](#) is a financial technology company serving banks and credit unions across the country, helping them generate low-cost deposits, attract new customers, and expand their retail footprint while helping people live their best financial lives. The Plinqit platform is the first savings platform of its kind to bring together automated savings, data-driven financial wellness content, and virtual account management.

Industry

Financial Technology

Location

Ann Arbor, Michigan

Featured Services

DevOps, Managed Services, Data & Analytics, Well-Architected Framework Review, Security, Application Modernization, Containerization

CHALLENGE

Fortify Security by Implementing a Multi-account Structure

Plinqit, a leading company in the financial technology sector, wanted to embark on a journey to enhance its AWS infrastructure, seeking the expertise of nClouds. Plinqit's technological landscape presented several hurdles, primarily identified through a Well-Architected Framework Review with nClouds.

The key challenges included the need to fortify security by implementing a multi-account structure using AWS Control Tower. Plinqit aspired to modernize its infrastructure, launch six new AWS accounts, and efficiently deploy its production EKS and Elastic Beanstalk workloads. The aim was to align with industry best practices, enhance security, and meet compliance standards.





Why AWS and nClouds

Plinqit's strategic decision to choose AWS and nClouds rested on the foundational pillars of AWS expertise and comprehensive solution architecture. As an AWS-certified consulting partner, nClouds demonstrated a profound understanding of AWS services, ensuring a tailored approach to Plinqit's technological challenges.

The AWS Jumpstart Funding Program was also attractive because it provided cost optimization while expediting the deployment of essential AWS services. The adoption of AWS services showcased nClouds' proficiency in crafting a secure, compliant, and scalable infrastructure, aligning precisely with Plinqit's objectives. This strategic collaboration between AWS and nClouds was instrumental in helping Plinqit with its specific needs.



Solution

After completing the Well-Architected Framework Review, the nClouds team was able to improve its security stance by implementing a multi-account structure leveraging AWS Control Tower.

In response to Plinqit's challenges, nClouds also devised a comprehensive solution leveraging the AWS Jumpstart Funding Program. The step-by-step approach involved the creation of High-Level Architecture documentation for the new infrastructure. Six new AWS accounts were configured, and essential components like Control Tower, IAM Identity Center, Transit Gateway, VPNs, and WAFs were deployed. This orchestrated effort resulted in a secure, scalable, and modern landing zone for Plinqit's production workloads.

Plinqit Leverages Several Amazon Services

- **AWS CodeSuite** – Provides a collection of fully managed continuous integration and continuous delivery (CI/CD) services enabled by AWS.
- **AWS Jumpstart Funding Program** – This served as the financial catalyst for the solution with nClouds, significantly reducing Plinqit's out-of-pocket costs and accelerating the implementation of crucial AWS services and best practices.
- **AWS Control Tower** – This tool played a pivotal role in establishing a multi-account structure, providing Plinqit with centralized management and governance capabilities to ensure security and compliance across its AWS environment.
- **AWS Config** – This service was employed to track and manage Plinqit's AWS resource configurations, enabling continuous monitoring and ensuring that the infrastructure adhered to predefined security policies and best practices.
- **Elastic Kubernetes Service (EKS)** – EKS was instrumental in deploying Plinqit's production workloads, offering a fully managed Kubernetes service that simplified the process of running, scaling, and managing containerized applications.
- **AWS Web Application Firewall (WAF)** – AWS WAF was implemented to protect Plinqit's web applications from malicious activities and cyber threats, enhancing security by allowing the organization to define and enforce customized web application security rules.
- **IAM Identity Center** – IAM Identity Center was utilized to centralize identity and access management for Plinqit, ensuring secure and fine-grained control over permissions and access to AWS services and resources.
- **AWS Transit Gateway** – Transit Gateway was deployed to simplify Plinqit's network architecture, providing a centralized hub for connecting multiple virtual private clouds, on-premises networks, and other resources, thus streamlining network management and improving connectivity.
- **AWS Elastic Beanstalk** – AWS Elastic Beanstalk facilitated the deployment and management of Plinqit's applications by abstracting the underlying infrastructure complexities, allowing for easier scalability and reducing the operational burden on the development team.

BENEFITS

Increased Business Efficiency

Teaming with Plinqit, nClouds was able to bring several key benefits through AWS that increased business efficiency and solved technical challenges.



Enhanced Security and Compliance



The implementation of a multi-account structure fortified Plinqit's security posture, bringing it in alignment with industry standards and compliance regulations. nClouds' strategic approach ensured that Plinqit's AWS environment not only met but exceeded security expectations, fostering a robust and protected infrastructure.

Scalable and Reliable Infrastructure



The modernization effort orchestrated by nClouds resulted in a scalable and reliable AWS infrastructure. Plinqit now operates in an environment capable of efficiently handling increased workloads and traffic demands. This enhancement in scalability contributes to a seamless and dependable experience for Plinqit's customers.

Cost Reduction through Jumpstart Funding



Leveraging the AWS Jumpstart Funding Program, Plinqit witnessed a reduction in out-of-pocket costs. This initiative not only facilitated the modernization process but also demonstrated a commitment to cost-effectiveness. The financial benefits realized through the program highlight the practical advantages of strategic collaboration and efficient utilization of AWS resources.

ABOUT nClouds

nClouds is a certified, award-winning provider of AWS and DevOps consulting and implementation services. We partner with our customers as extensions of their teams to build and manage modern infrastructure solutions that deliver innovation faster. We leap beyond the status quo.