

Cloud Foundations Program



Accelerate your transition into the cloud with improved security, cost transparency, rapid time-to-value, and reduced risk with the Cloud Foundations program.

Solution Overview

What does the Cloud Foundations journey into the cloud typically look like?

Our team will perform technical due diligence, working with our customer to understand the requirements, longer-term strategy and suitability of work packages. The Discovery allows us to assess the existing technical landscape and run through best practices/layouts for customers starting their cloud journey.

The implementation phase focuses on laying the cloud Foundation layer with tighter customer integration, performance, and resilience. Knowledge transfer and enablement sessions also take place to empower our clients' teams. The foundations for the cloud should now have been set, and knowledge transfer sessions complete, leaving your organization ready to scale, migrate or modernize.

The Cloud Foundations program accelerates your journey to the cloud by efficiently establishing a foundational platform within large and highly secure Enterprise environments by creating a well-architected, multi-account strategy (Landing Zone).

Motivation

- **Security**
Enable security teams with cloud technologies, allowing them to be more efficient
- **Agility**
Scale the number of new features delivered, increasing velocity
- **Enable Governance**
Enforce governance controls with a ground-up approach
- **Empower Teams**
Empower teams through knowledge transfer and enablement sessions
- **Cost Reduction**
Reduce operational costs and current cloud costs

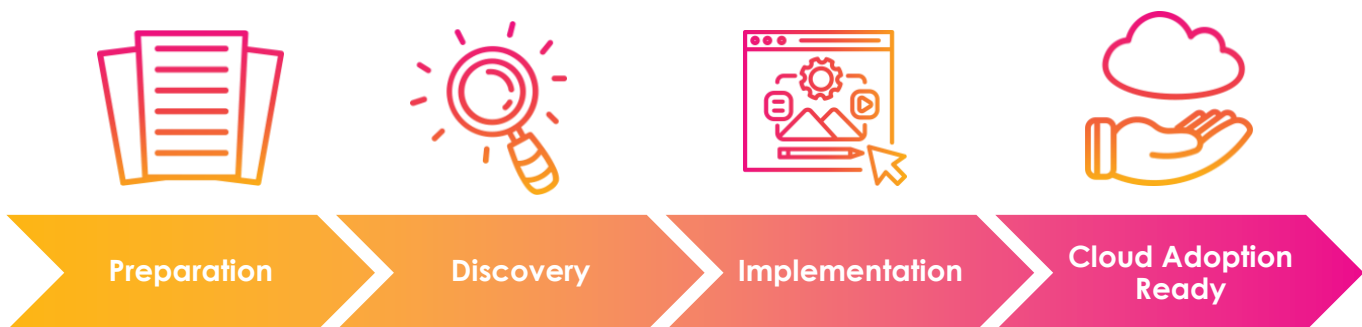


Figure 1: Typical Cloud Foundations journey into the Cloud

Laying the foundations with best practices in mind for building at Scale™ enables businesses to adopt cloud effectively and successfully.

Cloud adoption should be considered, mapped, and aligned to an enterprise organization. Laying the foundations with Cloud at Scale™ best practices in mind enables businesses to adopt cloud effectively and successfully.

The cloud allows for all resources needed to develop, test, and launch new applications and services with just a few clicks. However, this can also introduce the most significant risks for large Enterprises, particularly those in

highly regulated industries such as financial services, healthcare, and telecom. Cloud consumption can spiral out of control with improperly secured data. Shadow IT can be more significant than ever before, as resources can be spun up in seconds, making it harder to control and track without the correct foundations.

With the Cloud Foundations program, we build everything with best practices in mind. Everything is done from a cloud-native, everything-as-code approach, which eliminates waste with automation of configuration and maintenance, reducing human involvement. This reduces the likelihood of human error. Ensuring compliance, security, governance, and operational readiness, the Cloud Foundations program enables large Enterprises to adopt cloud quickly.

Why Multi-Account Strategies? Why Amdocs Cloud?

In 2018, IDC interviewed 27 enterprise-level organizations around the world running various workloads on AWS with an average revenue of \$12.58 billion and an average cloud spend of \$2.31 million. Many of these businesses reported massive improvements in many key metrics such as cost reduction, agility, staff productivity and security.

Businesses reported that on average, organizations will save \$1.76 million per year, per organization and infrastructure costs will be 31% lower than on-premises infrastructure within a 5-year TCO timeframe. Operational costs were 51% lower than on-premises environments, driven by a reduction in business disruptions and reduced cost of IT staff time because of operational efficiencies gained by leveraging the cloud. Agility was measured by time to market and the number of features and fixes per release. Within the IDC's research, **organizations observed almost 3x the number of new features delivered within the same timeframe.**

A 25% increase in developer productivity because of operational changes that the cloud enables, and one North American technology company even reported a reduced time to market for new features of 75%. Finally, customers observed that the security options that they had available to them, made their administrators more efficient due to built-in redundancy for PaaS offerings, and ease of security and patch management available on services such as RDS for databases.

With a decade of experience in helping highly regulated industries deliver compliance, security, and governance, we understand the technical challenges that our clients face in the cloud.

Amdocs takes a holistic approach to tailor solutions that work with your business – across people, processes, culture, and tooling. Amdocs is here to help; contact us to learn more about our Cloud Foundations program.

Customer Benefits

- **Best-in-Class Methodology**
Dedicated and experienced cloud consultants to assess your current maturity. A friendly and approachable team who are there to support your organization without judgment.
- **Consistent Governance, Security, and Compliance Controls**
Standards and practices are established for future cloud deployments and to enable consistency across all cloud workloads.
- **Accelerate and Scale**
Provide a method to scale cloud deployments from one team to any number of teams in a cost-effective, scalable manner.

Case Study

FSI Company

Motivation

Our industry leading banking client was embarking on an enterprise-wide cloud transformation journey seeking to accelerate innovation, deliver exceptional customer experience and enhance its competitive advantage. While being subject to strict security and compliance requirements. They needed a foundation layer allowing them to realize these ambitions and build out key financial services in the cloud.

Solution

In collaboration with the customer, we delivered an enterprise-grade foundation layer, consisting of cloud-native infrastructure and automation that helps the bank meet its regulatory and governance obligations with a minimum of manual effort. Working with application development partners we were able to build on this and successfully delivered the bank's first production workload on AWS.

Impact

Significant increase in velocity of innovation through the dynamic deployment of unlimited, robust, production-ready test environments, which enabled parallel feature development. This is achieved with industry-standard tools and workflows to automate the provisioning of infrastructure and applications resulting in increased agility, reliability, scalability, and security of the platform.