

## SOLUTION BRIEF

# CLOUD MIGRATION SERVICES

Make your journey to AWS fast, productive, and painless.

## OBJECTIVES

- Deep Migration Experience
- Efficient Migration Process
- Cost-Effective Execution



### Deep Migration Experience

- Certified AWS Premier Tier Services Partner with AWS Migration Competency
- 11+ years of experience managing & executing AWS migration projects



### Efficient Migration Process

- Applied automation to expedite the process
- Proven process based on AWS methods & tools to ensure a fast path to migration with minimum disruption



### Cost-Effective Execution

- Access to AWS funding to deliver your migration at the best cost

## Why move to the cloud on AWS?

Our clients tell us that their top reasons to migrate to the cloud include the following:

- Improved agility
- Accelerated innovation and idea-to-cash
- Reduced operational costs
- Retired technical debt
- Enhanced scalability, security, and operational resilience



## nClouds makes your journey to AWS fast, productive, and painless.

Are you ready to migrate workloads to the cloud but lack the right resources? nClouds, a leading AWS Premier Tier Services Partner for migrations to AWS, applies its deep experience in AWS migrations—from lift and shift to complex refactoring.



Migrate workloads from physical machines or VMs to AWS with minimal downtime using a containerization approach.



Build a hardened, modern operating infrastructure for continuous delivery of workloads with speed, reliability, predictability, and security.



Implement automation for faster time-to-business results.



Build everything with infrastructure as code (IaC) for improved productivity & configuration consistency.

# Our Process

We architect, migrate, and validate each application in your infrastructure to accelerate your cloud migration and achieve scalability. nClouds works with you during every phase of the process to ensure you achieve results that align with your infrastructure and business needs, with minimal downtime and service interruption during your cloud migration to AWS.

**Phase 1: Assess.** Our team develops a preliminary business case for cloud migration based on your existing infrastructure, objectives, and current applications' age, architecture, and constraints/dependencies. We conduct a Migration Readiness Assessment (MRA) to determine your organization's level of commitment, competence, and capability—your overall readiness.

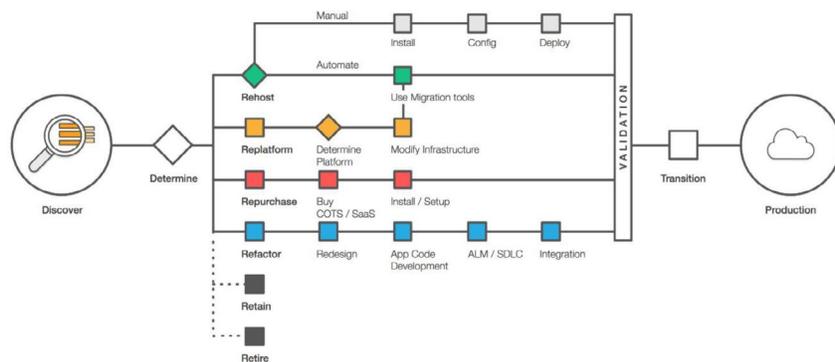
**Phase 2: Mobilize.** We work with you to determine the best migration plan to meet your business case objectives and build a migration plan: resource allocation, costs, estimated savings, time frame, workload selection, app portfolio analysis (application, server, network, storage data) of the current and future architectures, app backlog prioritization, downtime planning, and a contingency plan for rolling back the migration if unforeseen issues arise. A strong migration plan will have a deeper understanding of the strategy needs to meet your business case objectives.

**Phase 3: Migrate and Modernize.** Each application is designed, migrated, and validated. We create the application design based on the following:

- Your migration strategy: rehost (“lift and shift”), replatform (“lift, tinker, and shift”), or refactor/rearchitect
- The target state (AWS architecture, application architecture, and supporting operational components and processes)
- The general design principles and six pillars of the AWS Well-Architected Framework

The migration will:

- Integrate to make the connections or service calls to the app.
- Validate and build verification, functional, performance, disaster recovery, and business continuity tests.
- Execute the cutover plan and create a cutover rollback plan including Recovery Point Objective (RPO) and Recovery Time Objective (RTO) to ensure production continuity in case of cutover failure.
- Migrate a few apps and apply lessons learned to accelerate subsequent migrations and achieve scale



Six common application migration strategies, as described by [AWS](#)

## Migrate to AWS with confidence

We're experts at delivering successful migrations to AWS for organizations in a range of industries and of all sizes—from startups to enterprises.

### Experience

We have 11+ years of experience managing and executing migration projects on AWS for enterprises and startups. In fact, our co-founder started working with Amazon EC2 when it was still in beta in 2006.

### Credentials

We're a certified AWS Premier Tier Services Partner with Cloud Migration, DevOps and Data & Analytics Competencies; AWS Managed Service Partner; and AWS Approved Well-Architected Partner.

### Skills

The nClouds team has honed our cloud migration skills across a range of projects, from rehosting (lift & shift), to replatforming (lift, tinker & shift), to full refactoring and re-architecting solutions that move workloads from single-tenant, on-premises to multi-tenant, public cloud. What's more, we've applied powerful automation techniques to speed migrations. With one client, we reduced the migration of a complex application from two months to several hours.



We worked with the nClouds team to migrate our data management solution to the cloud. What's more important is the tremendous collaboration nClouds facilitated between our ops and engineering teams. They supported the migration to AWS, covered security, disaster recovery, and during roll-out, 24x7 support with 10-minute SLA."

— Anirudh Patel, Senior Manager R&D, *Informatica*

## Migration success stories

We've worked on lots of migration projects—and they're all different. Perhaps the best way to understand how we can help you is to learn how we've helped other organizations.



Cloud data management leader migrates a major on-premises app to AWS for improved user experience and sales velocity. [Read more.](#)

## PILL CLUB

Fast-growing telemedicine company migrates to AWS for faster time-to-market, improved reliability and availability, and enhanced scalability. [Read More.](#)

## AVAYA

Digital communications software, services, and devices leader migrates a strategic, on-premises service to AWS to improve scalability, developer experience, and sales velocity. [Read more.](#)



Disruptive fintech migrates from Heroku to AWS for improved uptime, performance, and control leveraging containers and DevOps. [Read more.](#)



IT services, product strategy and engineering company migrates from a legacy infrastructure provider to a modern, flexible, Kubernetes-based stack. [Read more.](#)



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.

 **Read what clients say.**  
Find 60+ nClouds AWS customer success stories.



- Amazon EKS Delivery
- Managed Service Provider
- Migration Services Competency
- Well-Architected Partner Program

