DEVOPS SERVICES

Let's build a sustainable system for delivering better software faster.

- Automate to innovate faster, with confidence and predictability.
- Detect and mitigate performance bottlenecks and security risks.
- Continuously tap into a broad set of DevOps skills & expertise.

Adopt battle-tested best practices in infrastructure development on AWS.

Re-architect your application stack with cloud-native design principles.

Implement fully automated CI/CD pipelines to support faster innovation.

Detect and mitigate performance bottlenecks and security risks.

Focus on innovation while we support your infrastructure.

Get ongoing access to a broad set of DevOps skills and expertise.

aws partner network

Premier
Consulting Partner

AWS CloudFormation
Data & Analytics Competency
DevOps Competency
Immersion Day Partner
Marketplace Seller

aws partner network

Premier
Consulting Partner

Migration Competency
MSP Partner
Public Sector Partner
SaaS Competency
Well-Architected Partner Program

THE CHANNEL CO. CRN MSP 500 2022

THE CHANNEL CO. CRN FAST GROWTH 150 2021

GOLD DATADOG PARTNER MSP RESELLER

CHANNEL TOP 250 PUBLIC CLOUD MSPs 2021 Edition

What we mean by DevOps

- DevOps applies core principles of collaboration, automation, and feedback to remove inefficiencies across the software delivery lifecycle so you can accelerate idea-to-cash. Ultimately, DevOps involves people, processes, and technology.
- **Engage and align stakeholders**, including software engineering and IT operations, as well as product management, QA/test, security, and more.
- **Automate everything** with tools and modern infrastructure.
- **Create feedback loops** that keep continuous delivery on target.

Signs that your business needs DevOps services

- Your business agility is impeded by **slow, resource-intensive software releases.**
- **Your best engineers are stretched thin** between innovating and maintaining current systems.
- You **want to improve quality of service (QoS) and customer satisfaction.**

> "nClouds is our extended team that manages DevOps services and provides ongoing support of our AWS infrastructure. This partnership has leveraged the Yewno team to focus on product innovation for our AI platform offering. This focus, combined with powerful automation like our CI/CD pipeline, has helped us deliver faster, with reduced costs, and better predictability."
>
> - Brendan Volheim CTO, Yewno

We're experts at delivering comprehensive and successful DevOps solutions for organizations in a range of industries and of all sizes, from startups to enterprise.

Experience

We bring more than a decade of experience to your DevOps initiative. nClouds has executed hundreds of AWS DevOps implementations and deployed hundreds of pipelines.

DevOps Credentials

We're a certified AWS Premier Consulting Partner, audited AWS MSP Partner, AWS Public Sector Partner, AWS Well-Architected Partner, and AWS Authorized Reseller, with AWS Competencies in DevOps, Data & Analytics, Migration, and SaaS. Our team members have earned designations including AWS Certified DevOps Engineer - Associate, AWS Certified DevOps Engineer - Professional, AWS Certified Solutions Architect - Associate, AWS Certified Solutions Architect - Professional, various Specialty Certifications, plus advanced certifications in Kubernetes, Datadog, and more.

Skills

Our integrated team of DevOps consultants, engineers, architects, developers, SREs, and project managers have cutting-edge skills, certifications, and a passion for delivering solutions across the DevOps landscape and toolchain. We combine open-source tools with paid solutions to create and maintain your DevOps infrastructure. What's more, nClouds' unique engagement style makes us an extension of your team, so we achieve effective collaboration and tight alignment.

"nClouds has been the trusted partner for my distributed team, across five countries. Within our first engagement, they partnered with us on a critical project that enabled us to automate and deploy services from our next-generation energy platform regionally and globally. We could not have hit these targets if not for their well-architected and well-executed work. Exceptionally talented folks!"

- CTO, Energy Platform, [Global Energy & Petrochemical Leader](#)

How we help:

Infrastructure Build-Out and Automation

Using top-of-the-line tools and services, nClouds streamlines the provisioning and maintenance of your cloud infrastructure.

What We Do

Build out cloud infrastructure, implement inventory and configuration management, automate provisioning, adopt governance

- Capture your entire cloud infrastructure as code.
- Adopt battle-tested practices in infrastructure development.
- Implement high availability (HA) and disaster recovery (DR).
- Adopt proper network design.
- Properly separate your environments.

Key Benefits

- Easily spin up your workload in other regions and create new environments on demand.
- Achieve consistency across all of your environments.
- Track and manage change with ease.
- Reduce exposure and security risks.
- Attain faster compliance.

Containers, Microservices, and Serverless

We develop your container strategy to help you deploy software quickly and efficiently. And, we'll help you adopt a microservices architecture to improve resource utilization and scalability, enable innovation, and accelerate time-to-market. With a serverless architecture, your developers can focus on your core product instead of servers or runtimes.

What We Do

Compute services, containerization

- Migrate your workload to a superior architecture.

Key Benefits

- Set up your infrastructure to handle growth.
- Adopt elasticity to handle spikes in demand.
- Improve resource utilization.
- Improve developer efficiency by eliminating intermediate steps from dev to prod.
- Achieve portability and deployment flexibility across environments and use cases.

Continuous Integration & Continuous Delivery (CI/CD) Pipelines

We can help you automate your software delivery process to initiate automated build, test, and deploy as your code changes. CI/CD pipelines will enable your application development teams to deliver code changes more frequently and reliably.

What We Do

Development and continuous integration services, software config management

- Create fully automated CI/CD pipelines with industry best practices.
- Enable one-click deployments and rollback.
- Adopt advanced deployment models like Blue/Green, Canary, and Rolling.

Key Benefits

- Improve operational efficiency.
- Build short feedback loops to iterate product features using an Agile approach.
- Accelerate delivery of value for your customers.

Monitoring, Logging, & Security

We will integrate monitoring and implement a single pane of glass to provide visibility into your infrastructure. We will implement best practices to improve your security posture and integrate tools to provide ongoing protection against evolving threats.

What We Do

Cloud management, governance, incident management, security/identity/compliance services

- Provide customized alerts to detect anomalies.
- Detect performance bottlenecks.
- Integrate your cloud infrastructure with internal communication tools and drive operations via chatbots.
- Provide secured internal access.
- Apply best practices for AWS Identity and Access Management (AWS IAM) configuration.
- Provide centralized log aggregation.
- Implement security incident response.

Key Benefits

- Track and optimize cloud costs, performance, and availability.
- Mitigate security risks, protect against data loss.
- Protect against DDoS/ business interruption.
- Support regulatory compliance.
- Monitor the end-user experience.

DevOps Consulting Services

We provide ongoing DevOps consulting to help you maintain and grow your cloud infrastructure. Select from our suggested modernization solutions and have us customize these solutions for your specific requirements. You can also use these services to implement your project roadmap or troubleshoot and solve one-off problems.

What We Do

- Assess your current infrastructure and processes using DevOps best practices, and provide a roadmap to solve pain points and retire technical debt.
- Automate the processes in your software delivery lifecycle to improve collaboration, monitoring, management, and reporting.
- Build infrastructures that are fully compliant and safe from external threats or data breaches and are designed to help improve your new product velocity and business agility.
- Develop PoCs for adopting new technologies.
- Provide ongoing DevOps Advisory Services and guidance to your team.

Key Benefits

- Augment your existing team in a cost-effective way.
- Stay within your budget with a fixed fee.
- Gain flexibility to scale your team up or down.
- Achieve better business results with fewer issues and surprises.
- Access a broader set of skills and DevOps experience.

Managed DevOps Service

nClouds' Managed DevOps Service automates your software delivery lifecycle processes to improve collaboration, monitoring, management, and reporting. Our on-call 24/7 Support Services help you maximize uptime and business continuity.

What We Do

Fully managed compute, source control, database, infrastructure, and governance services.

- Deliver DevOps-as-a-Service, a set of connected tools that facilitate collaboration between your dev and ops teams.
- Provide 24x7x365 support for incident resolution.

Key Benefits

- Your engineers can focus on developing new product features while we take care of your DevOps infrastructure.
- On-call support is available with or without DevOps services.

More than half of nClouds consulting clients use our on-call support services

" *I was impressed with nClouds' DevOps expertise and the application modernization solution they designed and implemented to enhance LYT's security, high availability, and fault tolerance."*

- Dustin Harber, CTO, LYT

nClouds embraces industry-leading frameworks, tools, and services to build sustainable systems for delivering quality software faster.

Automation & Configuration

ANSIBLE | CHEF | openstack. | puppet | Terraform

CI/CD

Jenkins | Travis CI | AWS CodeBuild | AWS CodeDeploy | AWS CodePipeline

circleci | HELM

Compute

Amazon EC2

Amazon EC2 Auto Scaling

Container Orchestration & Management

docker | RANCHER | HashiCorp Nomad

kubernetes | Amazon Elastic Kubernetes Service | Amazon Elastic Container Service

Managed Compute

AWS Elastic Beanstalk

AWS Fargate

AWS Lambda

Database

mongoDB

MySQL.

Amazon Aurora

Amazon DynamoDB

Amazon Athena

Amazon S3

Amazon Redshift

Amazon SageMaker

Amazon RDS

Amazon EMR

Amazon Glue

Management & Governance

Amazon CloudWatch

AWS Service Catalog

AWS CloudFormation

AWS CloudTrail

AWS Config

AWS OpsWorks

AWS Systems Manager

Monitoring, Logging & Log Analytics

DATADOG | elastic | solarwinds LOGGLY | logz.io | New Relic. | nOps

Infrastructure as Code

AWS CloudFormation | Terraform

Source Control

AWS CodeCommit | GitHub | GitLab | Bitbucket

Incident Management

OpsGenie

pagerduty

slack

Security, Identity & Compliance

ALERT LOGIC | Amazon GuardDuty | Amazon Inspector | AWS Identity and Access Management | AWS Secrets Manager | AWS WAF | OPENVPN Access Server

For more information, or to set an appointment to speak with us:

Email us | Set an appointment | Find us on the web