CLOUD4C

A CtrlS Company

Cloud4C DevOps Managed Services

DevOps practice at Cloud4C was built to increase collaboration and communication between the conventionally siloed Software Development and Operations teams in organizations. It is a philosophy for building and operating software encouraging teams to work in collaboration, focus on key business value delivered and deploy software more frequently in increments thereby building reliable solutions. Enterprises need to migrate to DevOps deployment models to bring agility to their processes and for a faster Go-to-Market.

Cloud4C combines our experience on native cloud tools and DevOps services with a variety of industry leading tools to create a cohesive and automated solution thus accelerating the product release process. It is done by automating testing and releasing new versions of the application code on the fly.

Cloud4C Managed DevOps Services Include

- DevOps Setup and Management
- Vulnerability Assessments
- Product Promotions
- Code Migrations
- Production Operations
- Test Automation
- Security Operations
- And More

Quick Business Outcomes

- Lesser time to deploy & deliver a DevOps environment using Dockers and Containers native to cloud
- Higher Security with Vaults, Keystores, IAM roles
- Industry Knowledge Base driven DevOps for better product adoption and operation
- Enhanced Security with Continuous Vulnerability
- Dashboard, audit logs for entire software & operational lifecycle to meet the regulatory requirements
- Assessment & Penetration Testing (VAPT) scans Guaranteed SLA for CI/CD Pipeline, test automation, response and resolution

Key DevOps Services

- Design and build DevOps architecture, environment and solutions
- Customization as per customer requirements
- Multi-Cloud DevOps and management capability
- Enterprise grade tools and services managing the complete DevOps lifecycle
- SLA based deployment for UAT and production
- CI/CD pipelines running on IAC model offering integration with any hyperscaler or private cloud
- Up to L4 level of DevOps Support delivered by experienced personnel

Cloud4C DevOps Practice

PLAN, CODE & TRACK

- Understands requirements and develops code from leading technologies
- Commits updated code to Version controls system with proper branching as part of Continuous Integration best practices
- Delivers continues Product increments using agile best practices & processes like SCRUM / KANBAN
- Identify, Plan, Develop, Deliver and Track whole processes and visualize using world class tools

BUILD & TEST

- Building continuously from latest code committed in version control system
- Imports and executes test cases from testing tools say
- Tests latest build using automating test engines as part of Continuous Testing best practices
- Finally, Continuously Release tested builds to various Deployments using building tools

DEPLOY

- Once tested & validated, each change is deployable using Continuous delivery practices
- With Continuous Deployment (CD), the entire process from code commit to production is automated
- Continuously deploys successfully built files anywhere to targeted environments -created by various virtualizations / containerization tools.

MONITOR & OPERATE

- Expertise in the leading configuration management tools that allows to manage infrastructure as part of Operations in DevOps
- Automates infrastructure management, that can deliver software faster and more securely
- Continuously monitors infrastructure using various monitoring tools. DevOps monitoring lets enterprises visualize events and get alerts in real time

Cloud4C DevOps Toolkit Expertise

Third Party Tools

Jira, GitLab, node, TestRail, puppet, php, docker, kubernetes, SALTSTACK, Nagios, CodeIgniter, Jenkins, Maven, CHEF, Prometheus, vmware, elasticsearch, React, ANSIBLE, ZABBIX

Azure Tools

Azure Repos | Azure Repos | Azure Pipelines | Azure Test Plans | Azure Artifacts

AWS Tools

ECS | EKS | Lambda | API Gateway | CodeCommit | CodeBuild

Amazon S3 | CodePipeline | CodeDeploy | OpsWorks | CloudFormation | AWS Config

ElasticBeanStalk | CloudWatch | AWS IAM | XRay

About Cloud4C: Cloud4C is a global cloud managed services company providing integrated security and compliance solutions with Single SLA at application level on all major public cloud platforms such as Microsoft Azure, AWS, GCP and a fully managed hybrid cloud locally hosted across 25+ countries. We cater to the needs of enterprises across various industries like BFSI, Public Sector, Oil & Gas, Retail, Travel & Tourism, FMCG, etc., through our Zero Friction delivery framework.

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