CLOUD NATIVE APPLICATION PLATFORM (CNAP)

The challenge

Modern organisations must be agile and quick, adopting cloud platforms for essential applications and services. Developers face challenges in accelerating software delivery while ensuring quality and reliability.

These challenges include:

- Integrating legacy systems with the cloud, managing technical debt, and diverse open-source software adoption hinders standardisation.
- Security isn't always built into development processes, increasing risk in a growing threat environment.
- An abundance of tools, complex integrations, skill shortages, and inadequate infrastructure slow down development pace.
- Developers need to rework applications for cloud-native architectures to achieve scalable and resilient systems.

Service offering

The Cloud Native Application Platform (CNAP) service offered by Computacenter delivers a thorough suite of assessment, implementation, and adoption services. These services are designed to offer customers, including those in regulated environments a multi-cloud platform for securely developing, building, testing, and operating cloud-native applications.

Service features

- Advice and assessment on the selection and adoption of a multi-cloud container management platform.
- Discovery, planning, design and rollout of enterprise scale container platforms that help customers mature existing "Roll Your Own" Kubernetes deployments. This also includes security aspects and integration into ITSM.
- Consolidate the management of existing cluster sprawl across multiple private and public cloud platforms.
- Discovery of runtime and operations software and services used across current container environments.
- Define and create a pathway to standardising deployments/consumption through an approved software catalogue.
- Provision of platform and software engineering services to create the library of standard and tailored Kubernetes operators, and the GitOps required.
- Provision of software and platforms engineering services for assessing, planning and executing application modernisation.
- Advice and engineering services to assess and implement the leading API management platforms in a cloud native or hybrid architecture.

Our approach

Computacenter has been building cloud-native application platforms for customers across multiple industries since 2015, hence we draw from a wealth of experience and best practices.

By adopting a robust security and operations mindset, along with an automation approach that includes day 2 operations using GitOps, a small cross-functional platform team continually enhances and optimises the platform.

This enables them to meet the application teams' requirements.

To understand more about how Computacenter can support your organisation with our Cloud Native Application Platform services, please contact your Computacenter account manager.

www.computacenter.com

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Customer benefits

- Businesses can deploy new features and applications to their consumers at a greater speed with automation and reusability using containerisation.

- Enable developers to deploy applications using their familiar languages and tools across any cloud and infrastructure.

- Run applications identically across multiple clouds as part of a disaster recovery or cloud exit strategy.

- Handle increased demand better, improving customer experience with more scalable applications that incorporate modernised APIs and IaC.

- CNAP is build to meet and apply specific security requirements and provides support to build secure applications.

- A high degree of automation and central management reduce operational overheads and cost.

Our experts focus on best-fit-for-purpose solutions	We take a vendor agnostic, holistic approach	End-to-end structured engagement	Leverage both near- and offshore capability to optimise delivery	Deep, long-standing vendor and customer relationships

Services

Assessment services
- Value stream assessment
- Application platform review and readiness

Deployment services
- CNAP implementation as code
- CNAP integrations

Adoption services
- Open-source software ways of working
- Platform engineering adoption
- Platform concierge and operations
- Platform use case development

2015	>30,000	85+	30+
We've been bringing Kubernetes cloud native workloads into production since 2015	days of delivered cloud native consulting	CNCF CKA and Red Hat certified experts	cloud native projects delivered for our global customers

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