CloudOps vs. DevOps

What's All the Buzz About?

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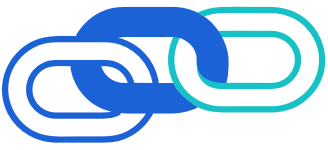

CloudOps and DevOps share an organic link. But what exactly binds them together?

DevOps unites teams responsible for development, testing, operations, and business analysis by providing an uninterrupted channel for communication.

CloudOps is an effective way of doing DevOps with the help of cloud computing.

The worldwide market for intelligent CloudOps software will grow to a whopping **$27.1 billion** by **2025**.

Source: IDC Forecast for Intelligent CloudOps Software Market

Key Distinctions Between DevOps and CloudOps

Factors	CloudOps	DevOps
Scalability	**Scale up or scale down** based on demand and business needs	**Limited scaling options,** additional investments and resources required
Availability	**High availability**, thanks to contracted cloud providers who oversee the systems around the clock	Internal teams need to constantly monitor the tools and infrastructure to ensure availability
Back up and Recovery	The option to back up and recover applications and data is **already in place** so teams can focus on other important tasks	**Need a dedicated disaster recovery center** and follow guidelines for timely back up in case of business disruption or disaster
Performance	CloudOps teams can **increase or decrease computing power** to match demand and get high performance 24x7	**Performance is impacted by** the **server** and **network capabilities** of the data center
Accessibility	CloudOps teams can access data and resources from **anywhere, anytime**, and this ensures high productivity and connectivity	**Limited onsite data and application accessibility** because physical proximity to the infrastructure needs to be maintained
Automation	**Higher levels of automation** are possible with respect to configuration, development, testing, governance, etc.	**Limited automation** and control capabilities across testing and development lower efficiency
Cost	**Pay-per-use model** brings down the CapEx and streamlines OpEx through SaaS-based model	On-premises tools and heterogenous systems need **high investment costs** when carrying out DevOps projects

CloudOps for Enterprise: Endless Possibilities

Enterprises adopting CloudOps are streamlining application delivery while focusing on digital growth to enhance their sales pipelines and customer experience. Apart from this, they are simplifying and strengthening the building, deployment, operations, monitoring, and management of web application deliveries in the cloud.

CloudOps help:

- **Deploy, manage, and secure cloud environments**
- **Experiment and innovate with new tech and services**
- **Achieve agility and market more quickly**
- **Optimize and track cloud budgets**
- **Ensure security compliance**
- **Allocate resources in a better way**
- **Save costs and enhance performance**
- **Scale cloud services without impacting QoS**

> *Enterprises are increasing investments in cloud infrastructure and services as they reset business priorities and plan ahead for uncertain conditions. As more and more mission-critical workloads move to connected cloud architectures that span public, private, hybrid, and multicloud environments, enterprises recognize they need to invest in the tools that will help them to ensure consistent policies and performance across all platforms and end users.*
>
> **Stephen Elliot**
> Group Vice President, I&O, Cloud Operations, and DevOps at IDC

CloudOps in Action

A multinational cloud unified communications platform provider incorporated CloudOps into its applications and systems to optimize unified communications app delivery, achieving rapid deployment, global scalability and robust security of Azure cloud resources delivering 20% cost savings on cloud spend/month.