

EOH Cloud Services

CLOUD SERVICES

EOH DevOps



Technology makes it possible...
People make it happen.





Introducing DevOps

Technology moves fast and consumer behaviour changes quickly in response.

Businesses are in a hurry to adapt: they need to implement digital technologies that service CX and other business strategies as soon as possible. This means accelerated application deployment, and the speed is only going to increase.

However, rapid implementation comes with its own costly pitfalls, including:

- not understanding the full scale of the challenge/issue
- unforeseen technical difficulties
- inaccurate financial forecasting and planning
- making costly mistakes that damage reputation or lose customers

There is clearly a need for solutions that will allow businesses to troubleshoot digital implementations without running any of these risks. A new approach to rapid application deployment and development.

This has given rise to a new model: DevOps.

Harness the full power of the cloud to ensure your applications and systems run flawlessly before deployment.

Cut development and deployment times – rapidly respond to digital transformation and customer experience demands.

What Is DevOps?

DevOps is not only a highly sophisticated version of a staging environment. It also comprises development, testing and operations, based on the principles of continuous integration and delivery. Enabling this requires a highly flexible, cost-effective and agile environment devoted to quick deployment while allowing for constant change.

This requires a transformation that can embrace rapid, frequent and consistently reliable roll-out of digital technology.

EOH Cloud DevOps provides exactly this environment.



EOH Cloud DevOps

Effective rapid application deployment, enabling digital transformation for leading-edge customer experience.

EOH Cloud DevOps is a test and development platform that can be used by organisations of any size, or for those running a single server or a complex multi-tier ecosystem.

Recognising the fluid nature of a development and testing environment, and the flexibility it requires, we offer this platform on a per-hour billing basis. This allows organisations to test anything from a full-scale architecture deployment to a quick online form submission.

The cloud provides the ultimate environment for successful, cost-effective application testing and deployment. It combines the power of several highly effective existing cloud-based technologies that EOH provides:

- Platform-as-a-Service (PaaS)
- Software-as-a-Service (SaaS)
- Cloud Backup
- Cloud Manager

ADVANTAGES OF CLOUD-BASED DEVELOPMENT AND TESTING

There is growing demand for cloud-based testing environments that combine with continuous integration. There are several reasons for this:

- Per-hour billing makes it an extremely cost-sensible solution
- The cost of the necessary computing resources is significantly reduced by a cloud delivery model
- Execution time is reduced due to the flexibility, quick availability and unlimited storage of the cloud
- The ability to run automated tests on different machines in different environments without having to build the actual testing infrastructure
- Excellent scalability that provides exactly the right resources at the right time, for optimal cost-efficiency
- Full control over the test environment and the platforms that comprise it

EOH Cloud DevOps allows companies to spin up as many virtual machines as they require to replicate real-world usage scenarios and traffic. Hardware, network bandwidth and workloads can be simulated in ways that exactly match real-world conditions.

Production-scale testing ensures that stress points are exposed and fixed before real-world deployment, resulting in higher quality, more reliable offerings to the market.

WHAT EOH CLOUD DEVOPS OFFERS YOUR BUSINESS

An easily scalable, on-demand service that you fully control, paying only for your hourly usage.

Like all cloud-based services, EOH Cloud DevOps solves the problem of hardware provisioning to support development and testing. Replicating the anticipated customer experience can be prohibitively expensive if undertaken in-house. This stumbling block completely disappears using cloud-delivered infrastructure. PaaS allows you to recreate the exact environment to match the real-world customer experience.

Continuous delivery

DevOps has completely replaced previous lengthy development, testing and release cycles. It provides a continuous flow of updates that has transformed the iterative approach to development.

A production-like environment can be created, in which testing is done in small increments, with code updating at frequent short intervals. This improves early problem detection.

Not only speed – a better product

EOH Cloud DevOps also allows for better Quality Assurance (QA) testing, a business-critical element of digital transformation. The same developers responsible for ensuring correct coding also test the engineering quality aspects of our systems.

You can expand or shrink the environment at will, with the ability to spin up as many virtual machines as you need in a matter of minutes rather than days.

This instant provisioning and flexibility allows you to precisely match your DevOps infrastructure to your business needs at any given time.

This gives the double benefit of ensuring that you always have enough resources available, and that you don't waste any resource investment by having parts of your infrastructure lying dormant.

This emphasis on QA doesn't only translate into more reliable, better performing platforms and systems – it also helps to realise faster time to market, with better cost-efficiency, for a higher return on investment.

Multi-tenancy testing with complete interoperability

Interoperability is a crucial part of a successful cloud service, if it is to cater for the individual needs of each business user. This is why EOH Cloud is completely agnostic at all levels. From the underlying platform infrastructure to the email application delivered via SaaS, anything will fit with anything else, allowing companies to exactly match its testing environment to the real world conditions in which they operate.

WHY EOH CLOUD?

The cloud model, as provided by EOH Cloud - offers several powerful benefits that are either not available in any other model, or out of the reach of all but the most well-heeled organisations.

- Cost efficiency - you only pay for what you use, billed at a daily rate
- Constant upgrades and improvements with our Continuous Delivery model
- Simple backup and fast disaster recovery, for business continuity peace of mind
- Constant availability with optimum performance
- High security
- Interoperability through completely agnostic systems and software

EOH CLOUD MANAGER PLAYS A CENTRAL ROLE

- It gives you full control of all aspects of your environment, through a single interface. Not only can you provision all your virtual machines and precisely configure each one, you can also control the platform and environment on which they run. The environment itself is just as quickly scalable and flexible as its components.
- EOH Cloud Manager also gives you much enhanced cost visibility and efficiency. You can personalise the entire provisioning workflow to match your internal approval and commissioning processes, to ensure that the right processes are followed, with the correct oversight and governance.
- The efficient control that you get with EOH Cloud Manager allows you to manage your DevOps environment with only a fraction of the resource commitment. This frees up resources so that they can be used in other areas.



EOH Cloud

MORE RESPONSIVE THAN EVER.

EOH Cloud

+27 11 607 8100, info@eohcloud.co.za

Block C, EOH Office Park,

10 Osborne Lane, Bedfordview, 2007

www.eoh.co.za