Efficiency: What DevOps means for mainframes

Introduction

In its purest form DevOps is simply a means of improving operations performance. The term is now a catch-all buzzword for anyone targeting IT organizations with products and services purporting to improve productivity. A properly executed DevOps strategy travels the entire delivery pipeline from end to end. It can reduce time to market, reduce the failure rate of new releases, shorten the lead time between fixes and cut crash recovery times.

Business Challenge

Developers are under pressure to get more done despite limited mainframe time, additional test requirements and the organizational drive to contain MIPS cost.

Business responsiveness rates and time to market are substantial issues which often impact customer experiences.

DevOps specifies a level of collaboration, visibility, agile development and rapid delivery to address concerns of low throughput and lengthy projects that may not be suitable for the enterprise.

DevOps on the mainframe is harder to achieve because older processes are generally hard to change and collaboration is difficult with more established technology.

Many organizational set-ups – defined test cycles, inefficient tech – are inadequate or not efficient enough for development teams to be as productive enough to meet business requirements.

Solution

- DevOps is about using software and processes to improve efficiencies and productivity to each development stage.
- Micro Focus technology aligns with each development stage to lift those restrictions and enables developers to work to full capacity and achieve their DevOps aspirations.
- Utilizing the full Enterprise product stack enables the customer to focus on their specific area of development operations' improvement – analyze, access, develop, test and transform.
- Improved overall efficiency and individual development stage-specific productivity increases replicate the DevOps experience for those running older technology.

Why Micro Focus

- We have been enabling customers to achieve contemporary levels of efficiency from longer-established technologies for more than 30 years.
- Because we understand what the market requires and the challenges our customers face, our solutions and technologies are developed to resolve specific business issues.
- Because we put improved efficiency at the core of everything we do, the Micro Focus solution set is able to help our customers across different sectors achieve DevOps levels of performance improvements from their current technologies.

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Product Set	**Micro Focus streamlines the entire enterprise IT journey to deliver more value, faster:**
	▪ Knowledge: Enterprise-wide insight will support superior IT decision-making
	▪ User Experience: Creating modernized user interfaces for your applications via desktop, mobile or web
	▪ Develop: Deliver flexible options throughout the development cycle to maximise efficiency and improve quality.
	▪ Quality: Improving enterprise testing for rapid, cost- effective service delivery and removing capacity bottlenecks for faster time-to-delivery
	▪ Deploy: Low-cost, low-risk, flexible enterprise workload optimization for deployment flexibility
Customer References	**Steria** A collaborative application integration platform merges all developer workspaces with a shared mainline several times a day. This continuous control improves the software quality and reduces the time taken to deliver it. Steria case study › **CSC** Cost-effective development tools improved mainframe and server environment capability and helped to increase developer productivity by 25% CSC case study ›
Key Questions	▪ Are you being asked to test more – and more complex – applications across more platforms than ever before?
	▪ Are you looking to adopt a DevOps approach for your application development process?
	▪ Would you like to empower your development team to improve efficiency and productivity at each stage of the cycle?
	▪ Would the successful adoption of DevOps enable your developers to deliver valueback to the business faster?
	▪ Could an increase in developer efficiency enable innovation in your development operations?
Resources	White paper: Real World DevOps for mainframe enterprises White paper: Towards the Modern Mainframe White paper: Move up to Enterprise Developer White paper: Deliver mainframe applications with confidence Top five: Top 5 reasons to move up to EDZ Visit: www.microfocus.com/DevOps

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