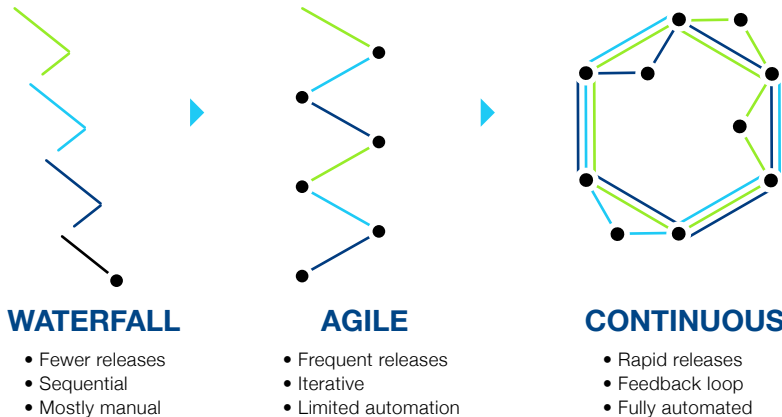


# Why Make the Move to DevOps?

Is DevOps just another buzzword, or does it have the power to make your job easier, giving you the tools, processes and culture to deliver innovative software?

Challenged by long software delivery cycles due to complex, siloed development and rework from delayed testing, IT organizations are turning to DevOps to:

- Accelerate the software delivery cycle
- Free up resources for innovative projects
- Deliver quicker feedback that improves the customer experience



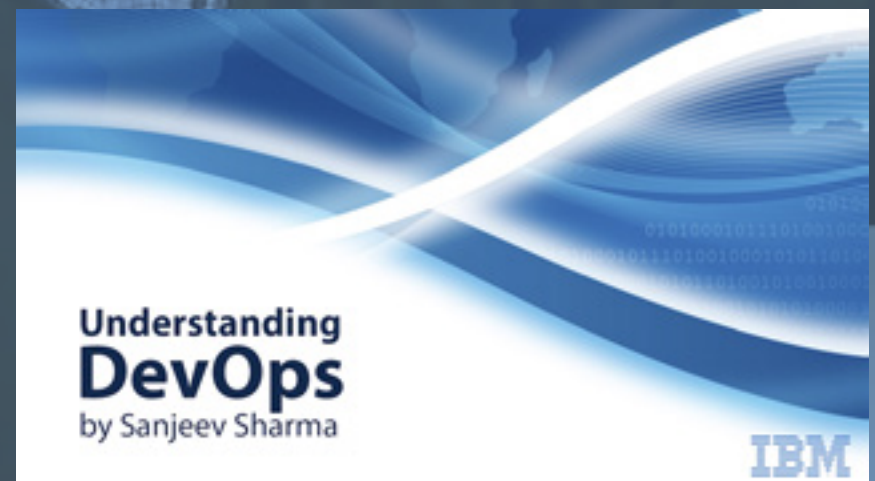
Evolution of software delivery cycles: DevOps goes beyond Agile because it is a holistic approach that involves everyone from practitioners to lines of business and analysts.



Sanjeev Sharma

IBM Worldwide Lead – DevOps Technical Sales explains the DevOps approach and how it significantly improves the software delivery lifecycle.

Understanding DevOps (6:13)



# Change Isn't Easy: Tackling the Challenges

Practitioners face a number of challenges in the software delivery cycle. But the most pervasive obstacle is working with teams that use different tools and processes required of their environment.

As systems grow more complex, integrated, and virtualized, ineffective processes and tools hinder collaboration in the software delivery cycle.



**Tim Hahn**

Tim Hahn, IBM Distinguished Engineer and CTO for Enterprise Modernization, shares the IBM point of view on Integrating Systems of Engagement with Systems of Record.

 **PLAY PODCAST (23:21)**

(Note: This link directs you to the podcast on IBM.com, where you can download the file. Depending upon your connection and network bandwidth, this may take a few minutes.)



## Enterprise Architect

*How can I rapidly deliver solutions that integrate a wide range of languages, tools, and platforms – including web, mobile, mainframe, and cloud?*



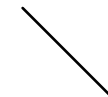
## Developer

*How can I quickly develop, debug, test, and deploy enterprise applications consisting of various types of code and designed for multiple platforms?*



## Quality Assurance / Tester

*How can I test continuously and reduce time spent setting up realistic test environments that access third-party services, databases and mainframes?*



## Release Engineer

*How do I keep up with an increasing number of complex deployment environments that are based on different platforms and require different processes, tools and connections?*

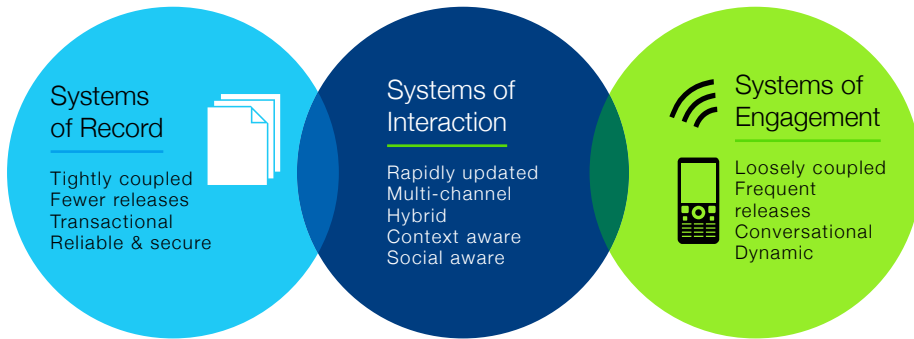




# Embracing Integration of Enterprise Systems

The IBM DevOps solution is differentiated by its ability to unite trusted and secure multi-platform applications and environments. This improves collaboration and accelerates software delivery across distributed platforms, including IBM System z hardware and IBM Power Systems solution.

By helping teams work together efficiently, DevOps streamlines the integration of systems of record and systems of engagement. And when this happens, organizations improve the economics and value of software delivery.



Systems of Interaction emerge when Systems of Record and Systems of Engagement teams work together using a standardized set of processes and tools.



## Rosalind Radcliffe

IBM Distinguished Engineer and Enterprise Modernization Architect explains how organizations develop, test and deploy applications across systems of engagement and systems of record.

DevOps for System z (4:31)



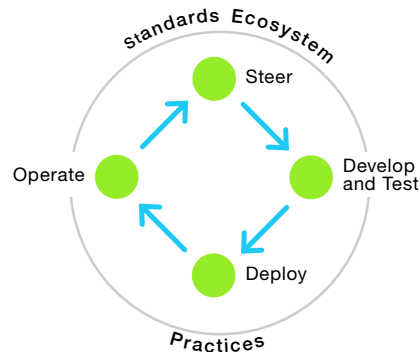


# Why Choose IBM DevOps?

What differentiates the IBM DevOps approach is that it addresses people, processes and technologies to optimize the software delivery lifecycle across the organization.

IBM DevOps provides a holistic approach for software delivery so you can:

- Accelerate and sustain software-driven innovations, whether you are involved in planning, developing, testing or deploying multi-platform applications.
- Collaborate effectively in different development environments, including cloud, mobile or enterprise systems.



IBM DevOps helps you establish enterprise capabilities for faster, continuous software delivery that enables your organization to seize market opportunities and reduce time to customer feedback while balancing speed, quality and cost.

# DevOps Practices



Continuous business planning



Collaborative development



Continuous testing



Continuous release and deployment



Continuous monitoring



Continuous customer feedback and optimization

IBM® DevOps:  
Continuous Delivery of  
Software-Driven Innovation



# Experience the Difference with IBM DevOps

Explore more content at IBM developerWorks. Access the links below to try free evaluation software and learn how to apply DevOps key principles and best practices.

[Steer](#)

[Develop/Test](#)

[Deploy](#)

[Operate](#)

Connect with the IBM DevOps Community:

[IBM DevOps Overview](#)

[IBM Enterprise Modernization Overview](#)

[DevOps with System z](#)

[developerWorks DevOps digest](#)

[DevOps for Enterprise Systems blog](#)

[Best Practices for Adopting a DevOps Approach with System z](#)

## Take the next step.



Sanjeev Sharma, IBM Worldwide Lead – DevOps Technical Sales, explains next steps for implementing DevOps based on your organization's needs.

IBM® DevOps: Where to Start (6:59)



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