



End to End Devops Solution V1.0

The collaborative solution with an end to end project management capabilities designed to accelerate time to market and better response system.

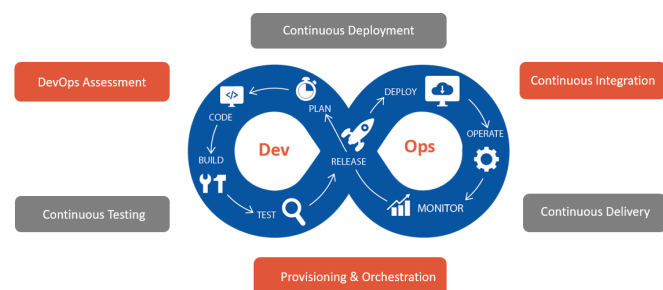
Control on the flow of product / application development has been a demand of organizations for many years. IBM end to end DevOps can help you take control of your process. Robust requirement management capabilities to track down changes in requirement at any point of time in the project, managing product timeline is now easy for managers. It helps you keep a track of team activities and meet deadlines. The set of tools is seamlessly integrated with each other which can help you link test artifacts with other engineering artifacts.

Rich traceability provided by these tools among all engineering artifacts makes it easier to track down project activities at the unit level.

Deployment and Release management capabilities come integrated with a toolset to perform deployment on enterprise environments. In short words, IBM DevOps governs end to end product (software) delivery lifecycle.

Continuous engineering and continuous delivery using IBM DevOps helps development to adjust project plans and priorities, helps business to manage changes in release plans. Collaboration is kept at the heart of IBM DevOps which basically gets everyone headed in the same direction. As an idea or business need evolves into the product, ALM is a fundamental concept underlying in IBM DevOps process.

We at IBM have adopted DevOps company-wide and it continues to evolve. IBM DevOps is One Team approach which combines product management, design, development, deployment and release management.



Solution Function

- ❑ A Compact and resourceful automated solution for all stages of the software lifecycle. Orchestrated, scalable distributed automation and consistent deployment feature across the multi-tier environment
- ❑ Collaborative release management solution to plan, execute and trace complex release through every stage of the software delivery lifecycle with impact analysis and process visibility.
- ❑ Seamless integration of all PLM and ALM software products to deliver quality output with clear visibility.
- ❑ A wide range software lifecycle traceability and tracking with the report and comprehensive dashboard functionality.
- ❑ Continuous integration of activities provided by various team and sequential execution as per plan.

Solution advantage

- ❑ Optimized package to collaboration, communication and verify requirement throughout the development lifecycle.
- ❑ Collaborative software solution to manage project plan and tracking, software changes and configurations.
- ❑ Effective test management capabilities to test business and test objective with estimated test efforts on every stage of environments.
- ❑ A continuous phenomenon to develop, test, build, deploy and manage the environment for small to complex day to day changes efficiently.
- ❑ The constructive approach to carry business requirement accurately till production with an automated deployment with quality gates and approval mechanism.
- ❑ Release management with visual release pipeline, manage deployment plan and federated release dashboard.
- ❑ Dashboard and traceability of lifecycle in all domain facilitate quick and real-time decisions making to stakeholders.

Solution Component

Rational Team Concert	IBM uBuild
Rational Quality Manager	IBM UrbanCode Deploy
Rational Engineering Lifecycle Manager	IBM UrbanCode Deploy with Patterns
Rational Method Composer	IBM UrbanCode Release
Rational Publishing Engine	Rational Application Developer Standard Edition for WebSphere Software
Rational Rhapsody	Rational ClearCase Change Management Solution Enterprise Edition
Rational Rhapsody Architect for Software	Rational Collaborative Lifecycle Management Solution
Rational Rhapsody Architect for Systems Engineers	Rational DOORS
Rational Rhapsody Design Manager	Rational DOORS Web Access
Rational Rhapsody Designer for Systems Engineers	Rational DOORS Web Access Reviewer
Rational Rhapsody Developer	Rational DOORS Next Generation
Rational Synergy	Rational Team Concert Developer
Rational System Architect	Rational Test RealTime
Rational Test RealTime	Rational Lifecycle Package
Rational Software Architect Standard Edition	Rational Performance Tester Extension for SAP Solutions
Rational ClearCase	Rational ClearCase Multisite
Rational ClearCase and Multisite	Rational Software Architect (Version: 9.6)
Rational ClearQuest	Rational Performance Tester Extension for Siebel Test Automation
Rational Lifecycle Package with ClearCase (Version: 9.0)	Rational Test Virtualization Server
Rational Performance Test Server (Version:9.1)	Rational Test Workbench
Rational Functional Tester	Rational Test Workbench Mobile Edition
Rational Performance Tester	WebSphere Application Server Community Edition
Rational Performance Server	WebSphere Application Server Liberty Core
WebSphere Application Server – Base Version 6.1	WebSphere Application Server Network Deployment
WebSphere Application Server – Base Version 7	
WebSphere Application Server – Base Version 8	
WebSphere Application Server – Base Version 8.5+	