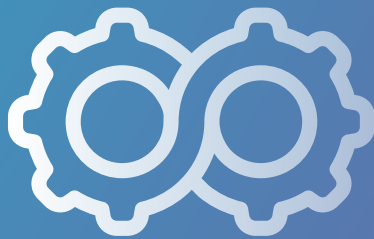


Continuous Integration, Continuous Delivery, Continuous Improvement



How to build a DevOps CI/CD cycle that self-improves with repeated use for IBM® i+

When implemented systematically with the right DevOps tools or platforms, CI/CD pipelines can be continuously improved with every cycle, streamlining development, and shortening time to market for products. Here's how you can build a continuously improving CI/CD practice.

Step 1 Set Strong Foundations

Begin by standardizing tools and processes, strengthening requirements gathering, performing due diligence on your processes, and establishing consistent scoping requirements. Where possible, centralize the tools and processes above within an end-to-end DevOps platform.

Step 5 Conduct a Post-Mortem

Set time aside to evaluate every CI/CD cycle, with an emphasis on identifying gaps and areas of improvement. Incorporate beneficial processes as part of standardization processes in Step One. This enables step improvements to future CI/CD practices.



Step 2 Coordinate and Align

Ensure stakeholders and teams are aligned on project scope and requirements. Establish clear lines of communication, using a meeting format and methodology of choice, to keep everyone on the same page and preserve the agile velocity of CI/CD development.

Step 3 Simultaneous Build and Test

While development is in full swing, managers must constantly communicate feedback, align scope, and track progress with stakeholders. Leverage a centralized DevOps platform and repo here to track code changes and shift testing left, allowing for bugs to be detected and fixes to be solutioned before production

Step 4 Delivery and Deployment

Thanks to prior standardization, code can be committed with minimal integration and changes, speeding up delivery. Employ automation during deployment where sensible to minimize manual errors, ensure consistency, and free up teams for higher-value tasks.

Establish continuously improving development today with [Rocket® DevOps](#), a modernization platform specifically designed to enable end-to-end Continuous Integration and Continuous Delivery (CI/CD) practices for your multi-code environments that include IBM® i.

Get the guide to implementing DevOps CI/CD practices that accelerate development, empower experimentation, and improves time-to-market for IBM® i systems.

Trial the Rocket® DevOps modernization solution that's designed to enable end-to-end CI/CD practices for multi-code environments like IBM® i.

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