



What Is DevOps?

DevOps is a software engineering practice that emphasizes collaboration between development and IT operations teams, the use of automation, and real-time feedback to quickly and efficiently deliver products and services in the cloud.

DevOps at a Glance

Business challenges:

Phase-based software development life cycles have fewer, larger releases, which delay business and customer value.

Project teams have siloed workstreams and rely heavily on manual processes.

Late feedback and a rigid process delay defect and security issue detection, slow delivery, and limit changes.

Solution:



DevOps is a continuous process emphasizing team collaboration, automation, and real-time feedback.



DevOps embraces rapid iteration with frequent, small-scale changes that minimize risk while accelerating delivery.



DevOps helps deliver usable functionality and business value within days or weeks instead of years.

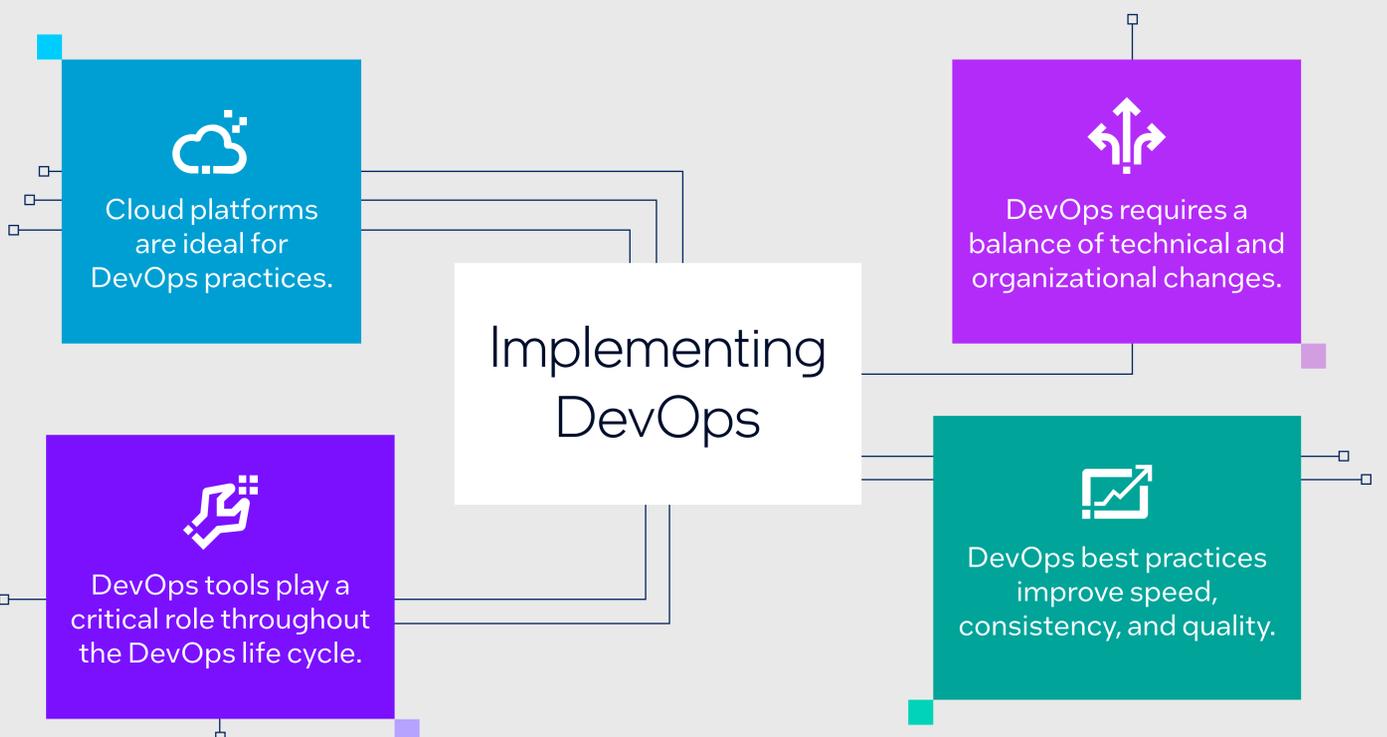
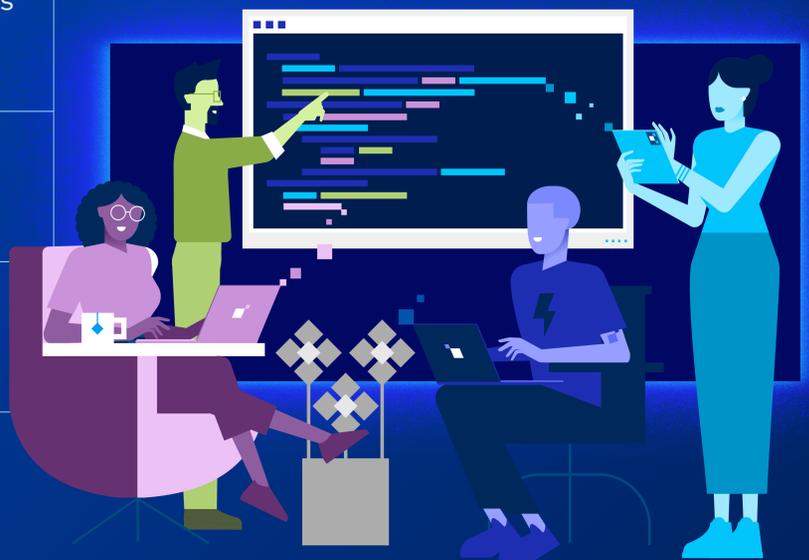
Benefits of DevOps

Businesses that implement DevOps best practices can realize a host of benefits.

Efficiency: Continuous life-cycle iterations result in more-frequent releases that add business value.

Agility: Teams can build and deliver applications quickly to fix issues or meet customer and market demands.

Improved compliance: Integrated security and compliance best practices help identify issues earlier in the process.



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