

DevOps: Vision to Reality

A collection of strategies for rapidly and reliably delivering high-quality software, DevOps has been gaining considerable traction. Based on the concepts of sharing, collaboration, measurement, and automation, DevOps breaks down silos, eliminates bottlenecks, and raises efficiency. Inspired by the lean and agile movements, DevOps is all about continual improvement. By speeding up application development and delivery, DevOps can accelerate go to market and raise competitive advantage.

Going all the way from vision to strategy to roadmap to operations, Marlabs can help you get going with DevOps. Implementing DevOps may require making changes to technology and processes. With our DevOps toolkit comprising best practices, processes, and tools and frameworks, we will help you navigate these changes, so as to realize continuous, accelerated flows, moving development from unwieldy release cycles to an agile methodology, ultimately scaling DevOps from individual teams to the entire enterprise.

DevOps - the Benefits

- Step up quality through software engineering best practices
- Boost transparency and predictability in IT project execution
- Speed up time to market by leveraging agile methodologies
- Maximize deploy frequency leading to faster time to market
- Lower failure rate and shorten mean time to recovery
- Increase efficiency by managing infrastructure as code

Supporting the DevOps Journey

Let us take you on the DevOps journey—from concept to implementation—through a five phase approach.

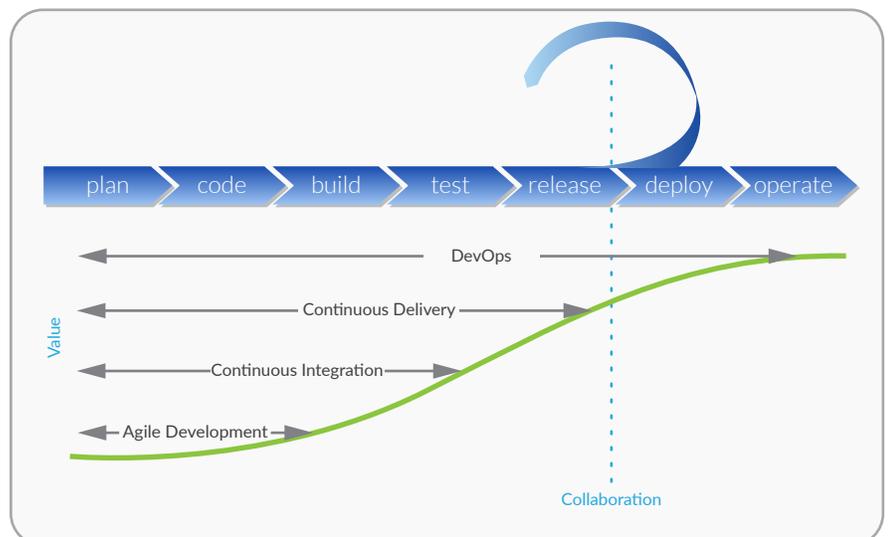
Phase 1: DevOps Continuous Assessment

Be it discussions between apps and ops teams or analyzing infrastructure and assessing gaps or laying out development standards or inserting continuous improvement feedback, we will help you get started.

Phase 2: DevOps Continuous Integration and Test

From automating and scheduling processes to setting up systems to testing and moving code to integrating systems, we will establish a continuous integration and testing environment for delivering code.

DevOps Cycle



Phase 3: DevOps Continuous Release and Deployment

Seamless transition to staging and production will be followed by continuous release and deployment. Merging release and change management into DevOps provides an end-to-end feedback cycle.

Phase 4: DevOps Continuous Delivery

Continuous delivery brings together continuous integration

Services that Guarantee Results

An array of service offerings can be leveraged independently or together in order to get DevOps going:

- Education and knowledge transfer: Training and coaching on the principles and practices of DevOps.
- Assessment: Providing feedback on the initiative, assisting with priorities, and identifying any gaps.
- Business case: Developing business case for DevOps that balances costs, risks, and agility.
- Strategy definition: Helping set DevOps vision, strategy, and roadmap.

and test as well as continuous release and deployment, both of which can be implemented individually or collectively.

Phase 5: DevOps Continuous Operations

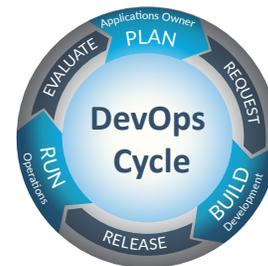
Closing the loop on end-to-end DevOps is continuous operations addressing the integration between ops and apps after your application has been put into production.

- Architecture design: Advising on architecture and design, including DevOps processes and tools.
- Automation maturity: Assessing maturity levels in the continuous delivery chain.
- Metrics and dashboard: Identifying performance indicators to step up alignment and agility.
- Organizational change: Helping nurture organizational and cultural changes for agile development.
- Production integration: Supporting IT operations in accelerating new release deployment.

The Marlabs Advantage

- Expertise and knowledge in DevOps tools
- Practitioner experience in integrating and implementing DevOps
- Knowledge, expertise, and experience in change management and transformation
- Processes and reusable artefacts to jumpstart the initiative
- Tool and technology frameworks to enable DevOps across the enterprise
- Deployment facilities that make for effective collaboration
- Dedicated and focused team of release engineers, build engineers, and process specialists
- Experience in continuous delivery, provisioning, release management, and automated testing

Provide Transparency to the business



Restore services faster and reduce costs

Accelerate releases with fewer errors

Marlabs helps drive digital agility for our clients. We deliver innovative business solutions using digital technologies such as cloud, mobile, analytics, Internet of Things and social. With a dedicated team of over 2,100 associates, a network of delivery centers in USA, Canada, Mexico and India, and strong partnerships with industry leaders, Marlabs offers a wide range of IT services across industries. Through our emphasis on quality driven by CMMi, PCMM, ISO 9001-2000, ISO 27001 and SSAE 16 Type II best practices and a customer-centric client engagement model, Marlabs has achieved a dependable track record of meeting high standards of excellence in every customer engagement. This has resulted in several awards and recognitions, including being consistently ranked in the Deloitte Technology Fast 50 and Fast 500 programs. Marlabs is headquartered in New Jersey, United States.

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