

# HPE DevOps Services

## Executive summary

The DevOps movement is gaining traction in organizations around the world because it is the best way to address many of the competitive challenges that enterprises are facing. It extends the most valuable aspects of agile development throughout the application lifecycle, removing the bottlenecks that slow down application development and delivery. Gaining a competitive advantage can mean the difference that gets that new customer, increasing your revenues and further enhancing your reputation in the industry.

But DevOps is not always easy for organizations to understand—or to implement. When organizations first grasp the concept of DevOps, it makes inherent sense—after all, removing silos to encourage collaboration, quality, and speed is clearly a winning proposition. But DevOps requires changes to technology, processes, and culture, making it challenging for organizations to adopt.

Hewlett Packard Enterprise (HPE) Software Services has created a unique DevOps evolution model that details how organizations should implement some or all parts of DevOps, taking into account that not all organizations want or even need to implement DevOps entirely. Using this best-practice DevOps roadmap, we guide you through the process and mentor you on how

to optimally implement DevOps in your organization, carefully considering your business needs.

The HPE DevOps Service Portfolio has been designed specifically to support your DevOps needs, and is comprised of several key services including our [HPE DevOps Solution Discovery Workshop](#) and our [HPE DevOps Transformation Workshop](#) to jump-start you on your journey.

These workshops cover the whole DevOps end-to-end perspective, starting with Continuous Assessment, progressing to Continuous Delivery—the core piece of any DevOps implementation—and closing the loop with Continuous Operations.

### DevOps Continuous Assessment

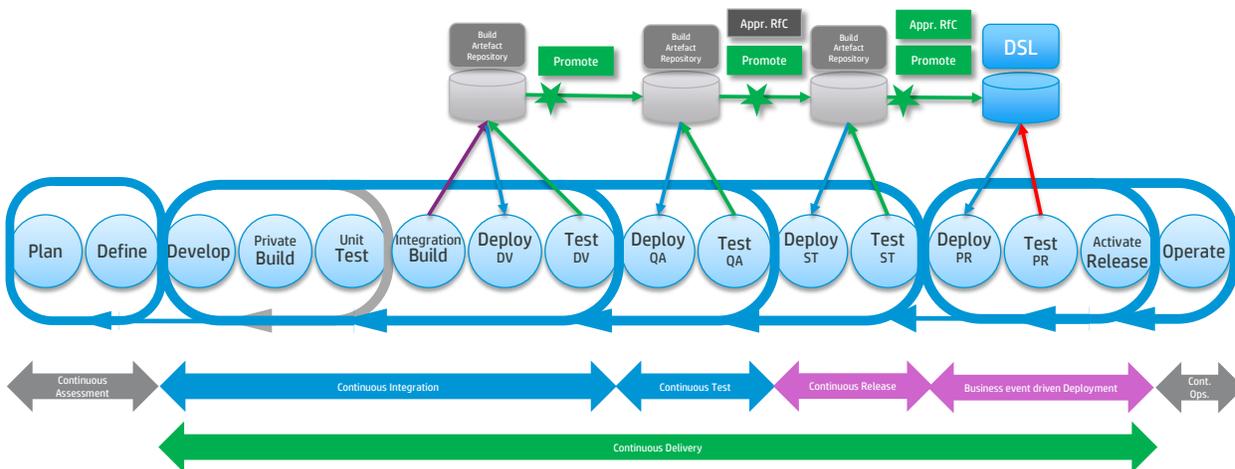
This first phase is extremely important when beginning to implement DevOps within your organization. This is where Applications and Operations come together to begin their discussions on what is going to be developed, whether everything is in place, and whether the infrastructure exists to support the needs of this development effort. Another significant area to consider is whether these development efforts will adhere to the standards put in place by Operations. These considerations, combined with feedback on continuous improvement across the service lifecycle, clearly demonstrate the importance of early communication between Apps and Ops, and

the resulting wasted investment of time and money that can result if not done right. HPE Software Services can help your organization by providing mentorship and guidance on how to complete this phase of your journey into DevOps.

### DevOps Continuous Integration and Test

After the Plan and Define phase is complete, you are ready to implement Continuous Integration and Test, which focuses on automating processes around the code that is being built and all the systems that touch that code before, during, and after testing. Collectively, Apps and Ops need to have a schedule of what is happening and when. Success begins with an understanding of the supporting infrastructure and the systems that will store and move the code to the right server(s). Integrations of these systems are critical to implementing DevOps. HPE Software Services can create those integrations to assist with automating and delivering a continuous integration and testing environment. Successful implementation reduces your risk of errors with automation, decreases your time to market, and ensures that if issues arise, they are uncovered much earlier in the process.

Our DevOps Continuous Integration and Test service gives you a choice of several blueprints and the experience of our consultants to successfully implement and provide technical guidance on this process in your DevOps journey.



## Service brief

### DevOps Continuous Release and Deployment

When the integration and automated test process is in place and you are ready for staging and production, the DevOps journey continues with Continuous Release and Deployment. Again, process, integration, and automation are needed in and around HPE Service Manager and all other systems of record. You begin to create a better feedback loop by integrating release and change management into DevOps. Throughout every step of this process, information is stored in the DSL and uCMDB, and can be rolled back at any point. HPE Software Services experts help you to put better quality code into production faster than before.

As with DevOps Continuous Integration and Test, our DevOps Continuous Release and Deployment service gives you a choice of several blueprints and the experience of our consultants to successfully implement and provide technical guidance on this process in your DevOps journey.

DevOps can be implemented in phases or in its entirety, depending on your organization and the business needs. Continuous Delivery—a combination of the Continuous Integration and Test service and the DevOps Continuous Delivery

Continuous Release and Deployment service—can be implemented at the same time or separately. Whatever fits your organization's needs, our HPE Software Services consultants can help you take on as much or as little as you need.

### DevOps Continuous Operations

As the final phase of the end-to-end DevOps vision, our DevOps Continuous Operations service addresses the integration between Ops and Aps, to close the loop after your application has been put into production.

## The HPE Software Services difference

HPE provides unmatched capabilities with a comprehensive set of DevOps consulting and implementation services and unique intellectual property that help you deliver high-quality applications faster and accelerate innovation. Commence or accelerate your journey to DevOps with the HPE DevOps Transformation Workshop. To enable this journey, HPE can provide:

- Expertise and knowledge in HPE tools and their practical usage for DevOps
- Practitioner experience in integrating and implementing DevOps within complex organizations
- Knowledge, expertise, and experience in management of change and transforming organizations

- A global reach with vast expertise in providing IT transformation consulting solutions to enterprise customers
- Tool frameworks to enable DevOps with continuous integration and agility through the enterprise
- Extended professional and education services for DevOps, Enterprise Agility, and Application Lifecycle Management

Only HPE Software Services brings together DevOps consulting expertise and an industry-leading DevOps software platform to help you break down the silos to encourage collaboration, and increase the quality and speed of application development and delivery.

## For more information

Contact your HPE representative or email HPE Software Services in your region:

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HPE Software gives you the power to gain connected intelligence for the new style of enterprise IT—anytime, anywhere, quickly and securely.

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