Applying DevOps best practice in Pega

Drive faster, high-quality application delivery with Pega Infinity

DevOps is a generally accepted best practice to deliver high-quality applications faster. Most enterprises are at some stage of adopting it to deliver the best first experience. Applying Agile best practices isn't enough though; you need the tools to automate deployments and testing to achieve the best results. Embracing DevOps methodologies doesn't happen overnight. Teams need a flexible approach and tooling that aligns to their place in their DevOps journey.

At Pega, we are committed to delivering a flexible approach to DevOps regardless of where you are on your journey. With robust out-of-the-box tools and a flexible application program interface (API) to integrate with best-in-class DevOps tools, Pega provides the choice you need for success.

- **Ease the adoption of DevOps**

  At its core, DevOps is a mindset that enterprises adopt for releasing software continuously. Pega provides the capabilities for teams to frequently make small changes, add features, and fix bugs. If you have invested in DevOps tools, you can simply integrate them using the Pega DevOps API.

- **Apply governance to meet compliance**

  Automated testing capabilities available within the Pega Platform™ allow teams to apply governance to development efforts. Incorporating security and compliance checks along the way ensures applications are released that meet your policy requirements.

- **Manage cost and staffing**

  Pega's DevOps tools are built with low-code developers in mind and common pipeline templates help you get started faster. Pega is designed to apply DevOps best practices whether you have a seasoned team or are just starting on your DevOps journey.

Challenge

Customers and users alike demand continuous improvements to applications that deliver value through increased functionality, eliminating manual tasks, and driving innovation. Without a strong DevOps practice supported by the right tools, teams lack the agility needed to keep up with ever increasing demands. Application delivery becomes hampered by a lack of visibility and collaboration between development and operations teams.

Solution

A winning DevOps approach needs best practices, hands-on knowledge, and proper discipline at its core. The Pega Platform comes with a suite of DevOps solutions that support your team in driving a collaborative culture, deliver top-quality applications, and apply Agile methodology. By delivering a flexible approach, your teams can use Pega's low-code, model-driven tools or the DevOps toolkit currently used at your organization.

Pega Infinity

Pega DevOps capabilities help you deploy Pega applications faster and ensure predictable releases, all while reducing operational costs and increasing efficiency.

Flexible approach to DevOps

Whether your team is just starting out trying to apply DevOps principals to low-code application development or is part of a seasoned DevOps center of excellence, Pega has you covered. We provide out-of-the box solutions for agile project management, branching and versioning, pipelines and packaging, unit testing, quality management to support low-code teams, and a robust DevOps API to connect your Pega development lifecycle with your selected tools.

Low-code tools for low-code teams

DevOps tools included with your Pega Platform subscription enable developers to employ low-code best practices – like branching and versioning, pipeline deployments, and automated testing – while collaborating with professional developers. This helps extend your DevOps teams without extensive training on best-in-class DevOps tools. With Pega, low-code applications can be developed with the same speed and quality you expect from all your DevOps workflows.

Insightful monitoring

Pega Platform subscriptions include access to Predictive Diagnostic Cloud (PDC). PDC actively and securely gathers and analyzes real-time performance and health indicators from all active Pega applications, predicts potential system performance and business logic issues, and alerts business stakeholders and IT administrators of potential issues.