The state of DevOps automation at retail companies

From freeing up overworked staff, to neutralizing issues before they become full-blown problems, automation is a game-changer for retail-focused IT teams everywhere. DevOps automation has gone from simply making things more efficient to being an irreplaceable part of a company's cloud delivery strategy.

Here's what IT experts from some of the world's largest retail companies say about how automating DevOps practices has benefited their organization, taken pressure off staff, and helped make their jobs easier.

Respondents see clear benefits to DevOps automation.

59% Improved analytics and insights
53% Improved software quality
51% Faster time-to-market
51% Increased customer satisfaction
47% Reduction in manual labor costs

But less than two-thirds of organizations have automated their DevOps processes:

64% Software testing/chaos engineering
64% Continuous integration/continuous delivery
63% Observability/monitoring
61% Toolchain orchestration
58% Release validation

As organizations look to the future, 91% say observability will play a vital role in DevOps automation strategies going forward.

78% As organizations look to the future, observability will play a vital role in their DevOps strategies.
76% As an observability tool, observability enables release validation automation, improving security and quality of software release.
72% As an observability tool, observability enables observability to ensure compliance.
69% As an observability tool, observability enables organizations to confidently, securely and reliably deliver cutting-edge innovation.

With tangible benefits, organizations look to continue to invest in DevOps automation.

55% Infrastructure provisioning/management
54% Security and compliance management
54% Testing and release validation
53% Progress bar/management
45% User experience performance
44% Reliability automation

Want to know more and dive deeper into what you can do?

Dynatrace: the market leader in AI-driven observability for DevOps.

Dynatrace exists to make the world's software work perfectly. Our unified platform combines broad and deep observability and continuous runtime application security with the most advanced AIOps to provide answers and intelligent automation from data at an enormous scale. This enables innovators to modernize and automate cloud operations, deliver software faster and more securely, and ensure flawless digital experiences. That is why the world's largest organizations trust the Dynatrace platform to accelerate digital transformation.

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And while that number is growing, organizations still face roadblocks —

- Concerns over security, governance, and compliance stand out.
- 55% Security concerns/fears that faster delivery will increase risk
- 41% Complexity of migrating legacy systems incompatible with DevOps automation
- 41% Toolchain complexity/limited resources to integrate multiple CNCF tools
- 60% Difficulty operationalizing data to support automation
- 45% Siloed teams — each team has its own charter, budget, tools, and ways of working

Want to know more and dive deeper into what you can do? Read the full report to learn other actionable insights from industry practitioners, and how to progress your DevOps automation maturity.

You'll also learn how Dynatrace can help retail organizations such as your own tame observability data and overcome cloud complexity, in order to confidently, securely and reliably deliver cutting-edge innovation.

Read the report
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