

CA DevOps Assessment and Roadmap

At A Glance

The CA DevOps Assessment and Roadmap helps organizations improve DevOps capabilities and remove obstacles to sustainable transformation. DevOps experts from CA assess your current state and collaborate with stakeholders to clarify your desired future state. Topics include technical environment, work processes, team skills, practices and behaviors.

Through quantitative surveys and qualitative analysis, the team captures your software development and delivery value stream. The assessment scope covers requirements management, application development, security, automation, testing, release management and monitoring. Our team then provides recommendations and works with your organization to co-create a transformation roadmap.

KEY OUTCOMES

- Understand your full DevOps value stream, including deep-dive analysis for security and automation
- Identify DevOps gaps, challenges and likely implications
- Benchmark DevOps capabilities against industry and peers
- Establish metrics aligned to goals and desired outcomes
- Create a prioritized, organization-specific roadmap for DevOps transformation

KEY SERVICES FEATURES

- **Cross-silo coverage** encompasses all aspects of DevOps, from ideation to monitoring.
- **Multi-modal approach** includes pre-engagement survey, "gemba walks"/ in-person observation, facilitated workshops and software-based system scans.
- **Quantitative and qualitative findings** with recommendations delivered in actionable context.
- **Integrated view** of people, process and technological aspects of DevOps.
- **Individual elements** include DORA® assessment of DevOps maturity, security assessment and CA Veracode scan, automation technology assessment, desired future state workshop and prioritized DevOps transformation roadmap.

Business Challenges

Incomplete view of the value stream. Many organizations lack full visibility into the concept-to-cash flow of their software asset value stream. Complex systems of contributors and stakeholders make tracking value and understanding upstream, downstream and "side-stream" inefficiencies and dependencies difficult. The result is that even with great effort, DevOps transformations are likely to achieve only partial success.

Accumulated, poorly synchronized technical complexity. Organizations have in their portfolio powerful legacy technologies, innovative point solutions, sophisticated integrations and impressively engineered processes. Many struggle to determine what to keep, optimize, replace or retire to create a more productive DevOps environment.

Established working norms. Arguably, long-standing technical skills, IT domain loyalties and mastery of established processes provide employee job security and organization stability. Many people perceive DevOps as challenging these sources of power. To succeed, DevOps transformations must overcome skepticism and passive resistance, IT territorialism and reluctance to change without disavowing employee concerns.

Making security and automation seamless. Organizations are determined to add security and automation to existing software development and delivery value streams. When attached as an addendum to DevOps transformation, security and automation fail to address risks and opportunities and may in fact impede DevOps results. Security and automation must be seamlessly woven into DevOps.

Offering Overview

The CA DevOps Assessment helps organizations accelerate their DevOps transformation.

Conducted by DevOps subject matter experts from CA Services, the CA DevOps Assessment and Roadmap service uses a structured approach to capture detailed understanding of your overall DevOps environment (people, processes and technologies), your desired future state and obstacles your organization should overcome to improve DevOps success.

To develop a level of understanding needed to create a strong, actionable DevOps transformation roadmap, the information is gathered and analyzed over 8 to 12 weeks.

Specific work includes:

Assessing your current state

Through an initial current state workshop and advisory sessions with stakeholders, the team identifies your DevOps value stream, maps dependencies and high-level strengths and weaknesses. This information is used to tailor the assessment strategy needed to uncover the greatest insights quickly and build a strong DevOps transformation roadmap.

Conducting a future-state workshop

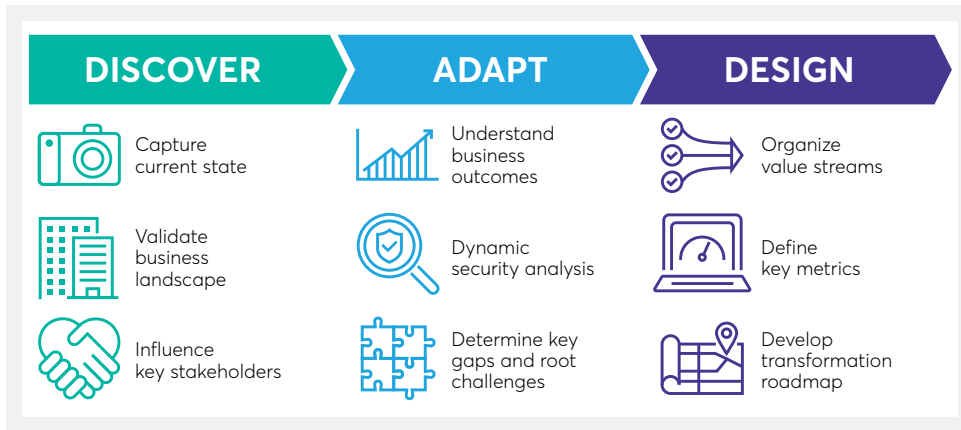
Collaboratively identifies and clarifies your desired future state with stakeholders. Building consensus on a well-conceived future state is necessary for defining and prioritizing the next and subsequent actions needed for sustainable transformation.

Delivering insights and recommendations

Quantitative and qualitative activities are summarized with prioritized recommendations for improvement. This information is used as the basis for discussion that leads to the transformation roadmap.

Preparing a DevOps transformation roadmap

From the assessment findings, CA Services works with your team to co-create a transformation roadmap that includes recommendations for specific activities to remove obstacles to sustainable DevOps transformation and drive continuous improvement. To help you monitor progress, the roadmap includes metrics tailored to your organization and objectives. It is designed to evolve over time as your DevOps transformation proceeds.



- **DORA assessment and benchmarking.** Quantitative data is gathered using the DORA assessment, which is used to benchmark results against 23,000 global teams previously surveyed by [DevOps Research and Assessment \(DORA\)](#). This provides detailed data across four dimensions: cultural, technical, process, and metrics and monitoring.

This includes an organization discovery session with senior management to identify teams or individuals to survey, plan communications, and outline logistics to launch, monitor and conduct the DORA survey. An analysis of the results is presented with recommendations for improvement.

- **Security assessment and CA Veracode scan.** Includes interviews and a review of the security governance, process and practices to understand effectiveness and identify opportunities to speed up and optimize. A CA Veracode Dynamic Analysis provides objective data.
- **Software development lifecycle review and analysis.** Includes interviews and observations to understand the current ways of working and opportunities for improvement within the context of the organization.

For more information, please visit ca.com/devopsservices

CA Services has an unwavering commitment to your success, from managing the technology solutions you have now to helping you manage technology decisions for your future. We lead with our experience from thousands of engagements to deliver business value quickly, work beside you to navigate complex business and technology challenges and stand behind you with exceptional support throughout the entire solution lifecycle, from strategy, consulting and solution design to implementation and management.

Our experience is your advantage, with best practices that enable organizations to plan, manage, develop and secure complex IT environments. CA Services provides the unsurpassed expertise you demand to select, implement and run your enterprise IT solutions with confidence.

CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate—across mobile, private and public cloud, distributed and mainframe environments. Learn more at ca.com.