DevOps Maturity Assessment Report

Your Path to DevOps Maturity

Report Prepared For:
Email:
Company:
Country:
PDF Report URL: https://assessment-tools.ca.com/tools/devops-maturity-assessment-tool/reports/.pdf

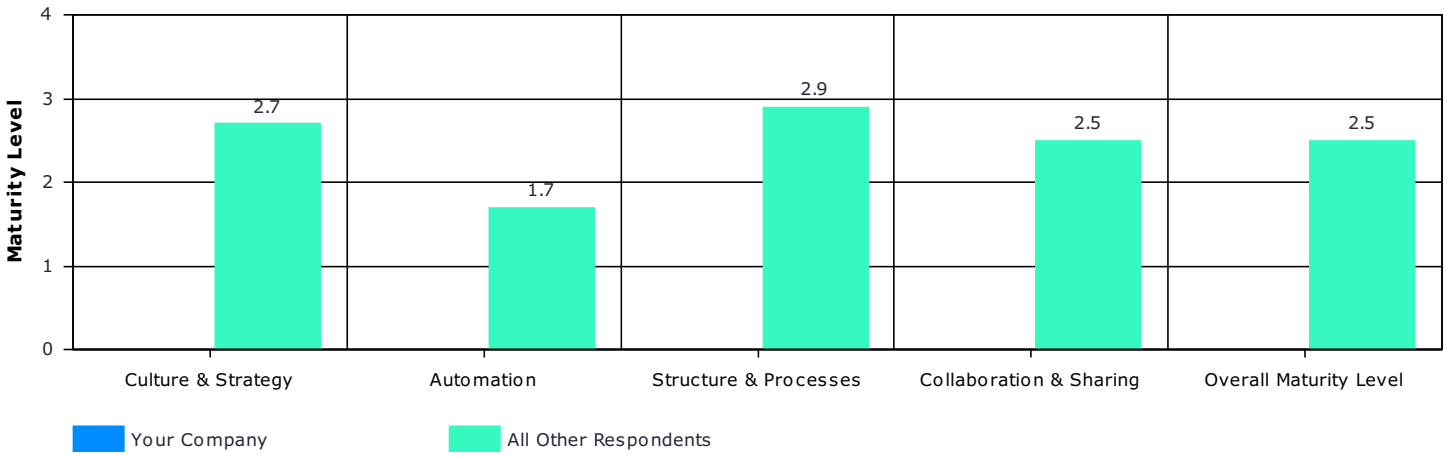
Where are you in your DevOps Maturity?

No matter what your overall DevOps maturity level is, you are now one step closer to fully understanding where you are in your DevOps practices. More importantly, you're also one step closer to knowing exactly how you can advance your DevOps efforts.

Next Steps

1. Compare your company's DevOps Maturity to the average of all other respondents below.
2. Review the recommendations below.

Your Company's Maturity Level Compared To All Other Respondents



Recommendations:

Culture & Strategy

To get started, organize base level Agile & DevOps awareness events to enhance your team's understanding of Continuous Delivery. You must send dedicated individuals to Agile & DevOps Foundation training and support them to build skills on Infrastructure-as-Code and DevOps tools chains. Best practice would be to incentivize their learning them during this phase.

Automation

Automating your software build is your first goal. At the base stage in the maturity model, an organization has to practice unit-testing by selecting a Unit Test Framework and automating unit tests. You must start scripting simple repetitive deployment steps such as an EAR file deployment - even if parameters have to be set manually for each deployment and automating VM Provisioning.

Structure & Processes

To get started prepare your organizational change by orienting development teams on business lines and processes rather than technology. Start using Agile methodologies (Scrum, Kanban...) for the development part of some pilot projects. Also, extract repeatable elements from your last deployments and create a first version of a repeatable process for deployments to unit environments and system test environments

Collaboration & Sharing

To get started, establish basic sharing of status information between dev, infra and ops teams during the release process (e.g. status

and content of new deliveries, environment, and deployment status). Establish release note standard, which will help you to ease the hand-over between Dev and Ops, and allow you to industrialize it later on. Your Dev & Ops teams could start working together by using a common basic dashboard and setting up joint post-release sessions to share experience and feedbacks between Dev and Ops.

Overall Maturity

To get started, we recommend building a basic DevOps awareness with key individuals and teams. Send them to events & trainings. Incentivize them to build knowledge in areas such as infrastructure-as-code. Document your current deployment process. Start with basic automation of your software build and some deployment steps, and establish some sessions between Dev and Ops to share experiences. You can also start to standardize simple things such as release notes and create the first version of a joint Dev and Ops dashboard.

Question & Answers

Culture & Strategy

Q. How aware are your employees of core DevOps principles and their benefit for your organization?

A. 0 - Rare conversations and no internal education on DevOps

Q. How skilled is your organization in DevOps methods and practices?

A. 0 - DevOps experience & skills are not existent within the organization

Q. How incentivated and motivated is your workforce to apply DevOps practices?

A. 0 - No particular incentives to align dev & ops - sentiment towards change is predominantly defensive

Automation - .NET

Q. How mature is your release and deployment automation?

A. 0. Manual provisioning of new releases by skilled IT staff

Q. How mature is your test automation?

A. 0. All tests are executed manually. The testing process itself is fairly ad-hoc and not repeatable

Q. How mature are your build and integration processes?

A. 0. Builds are infrequently triggered manually and validated. Packaging is done manually

Q. How automated is your environment provisioning process?

A. 0. No automation

Automation - Java Enterprise

Q. How mature is your release and deployment automation?

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Automation - SAP

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Automation - PHP

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Automation - Ruby

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Automation - Oracle Siebel

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Q. How automated is your environment provisioning process?

A. 0. No automation

Automation - Mainframe

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Q. How mature is your test automation?

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Q. How mature are your build and integration processes?

A. 0. Builds are infrequently triggered manually and validated. Packaging is done manually

Q. How automated is your environment provisioning process?

A. 0. No automation

Automation - Other

Q. How mature is your release and deployment automation?

A. 0. Manual provisioning of new releases by skilled IT staff

Q. How mature is your test automation?

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A. 0. Builds are infrequently triggered manually and validated. Packaging is done manually

Q. How automated is your environment provisioning process?

A. 0. No automation

Structure & Processes

Q. How good is your organizational structure fit for DevOps?

A. 0 - Org. structure is technology-driven (dev & ops), siloed approach to releases

Q. How well aligned is your delivery methodology with DevOps principles?

A. 0 - Dev methodologies are purely non-agile / waterfall

Q. How repeatable is your release process?

A. 0 - Release & deployment is managed as separate activity with very limited repeatability

Collaboration & Sharing

Q. To which extent are you align and share your processes between dev & ops?

A. 0 - Dev and ops use separate and redundant processes with limited sharing

Q. To which extent are you integrate and share your tools between dev & ops?

A. 0 - Dev and ops use separate and redundant tool sets

Q. How strongly do you collaborate to building shared knowledge?

A. 0 - No knowledge sharing between dev, ops & infrastructure

For More Information Contact:

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