

 A love letter to DORA 

Head of Engineering Practice cinch

Toli 
3,501 Tweets



Toli 
@apostolis09

Head of Engineering Practice at [@cinchuk](#) advocating for DevOps & O11y | 1/2 🇬🇷, 1/2 🇬🇧 | Citizen of Nowhere

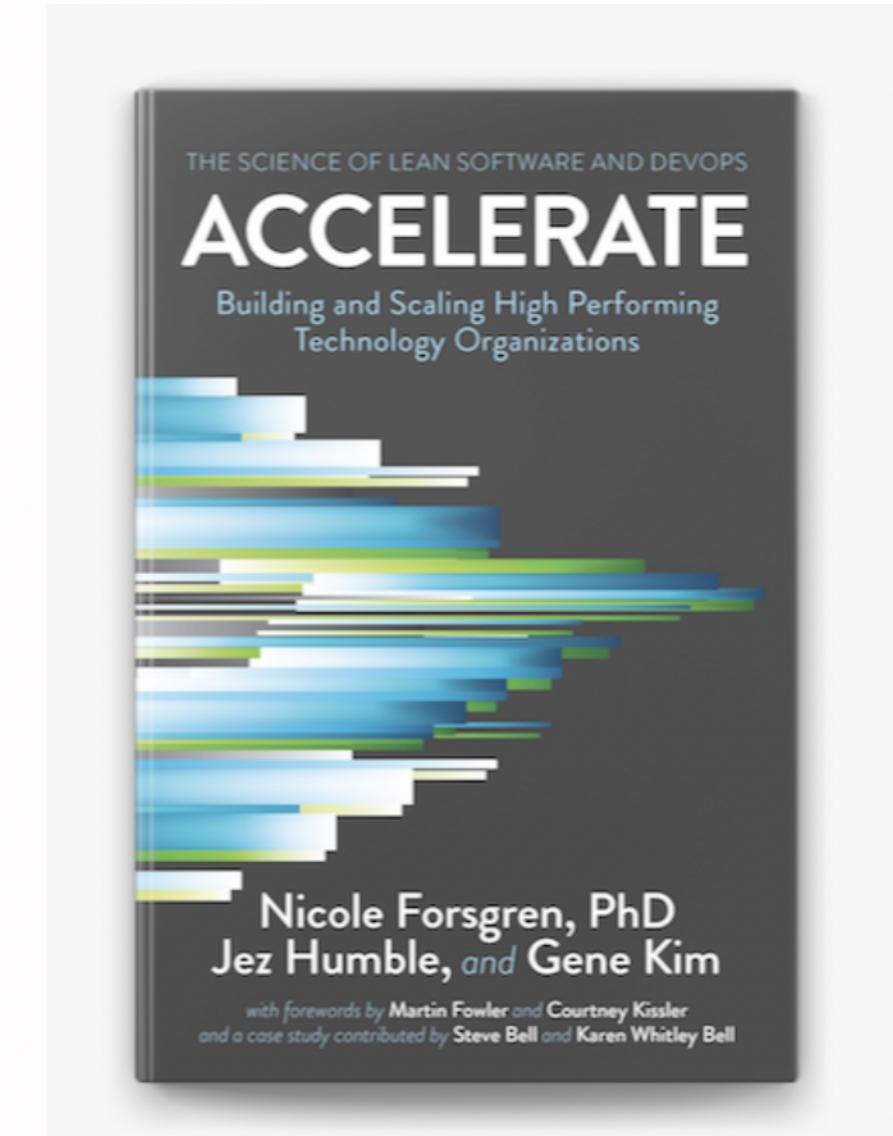
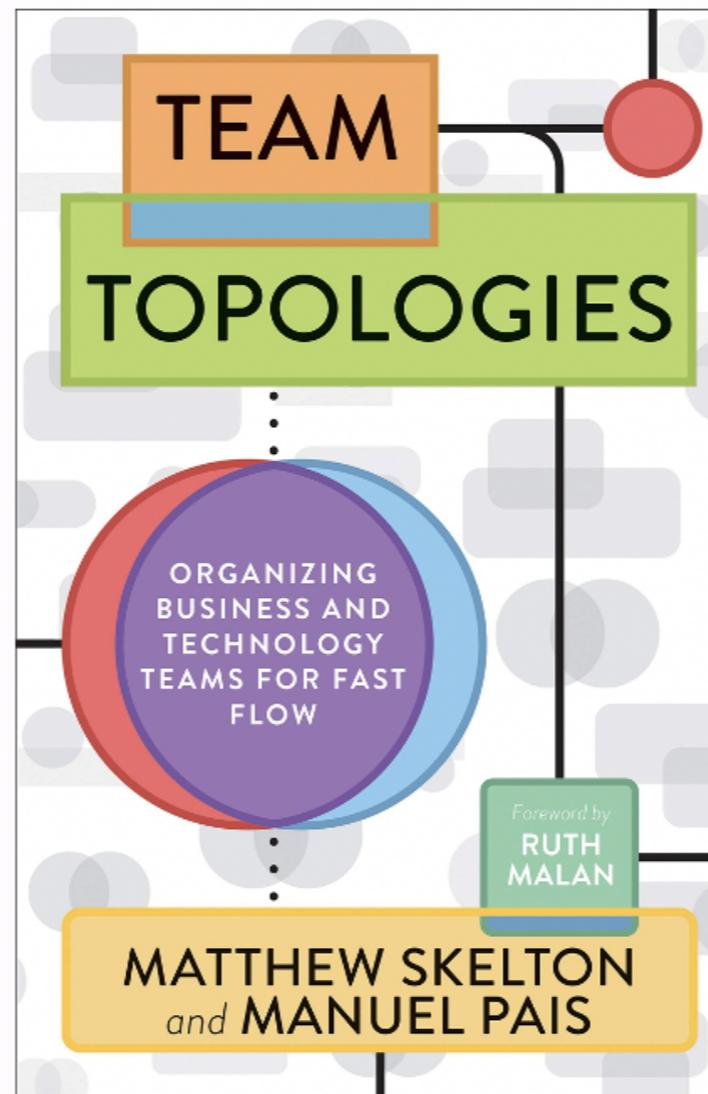
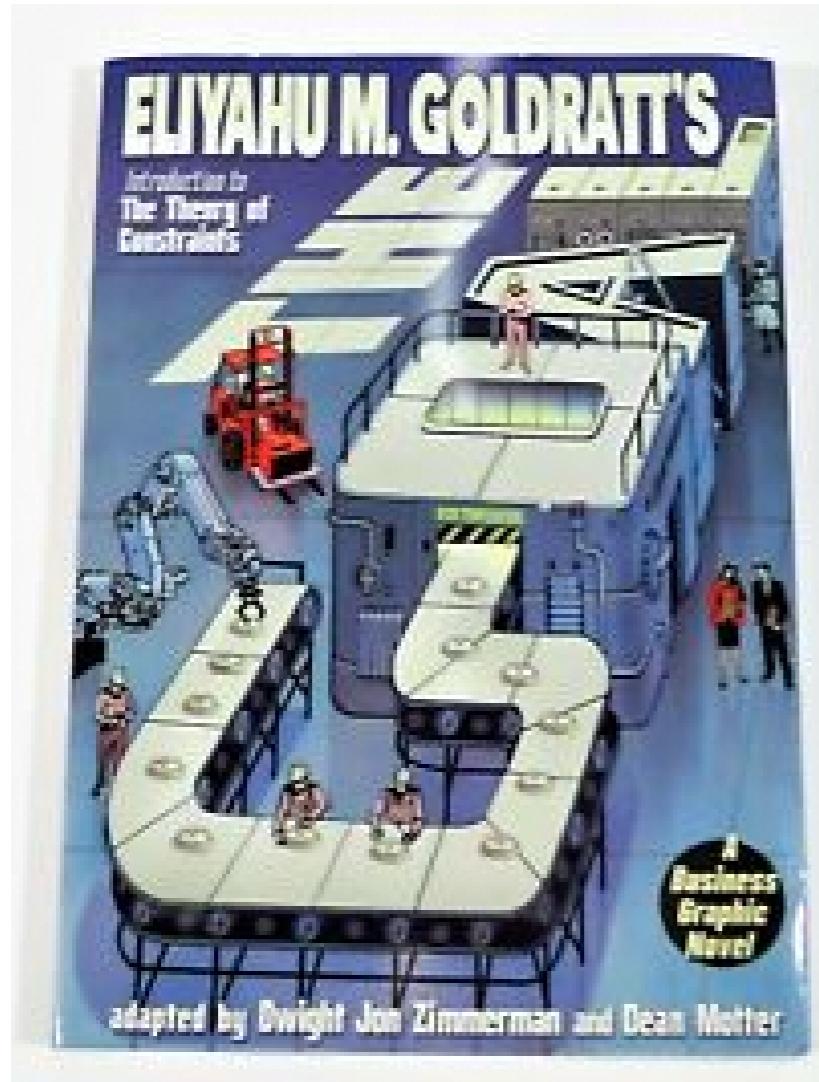
linktr.ee/toliapostolidis

📍 Leeds, England [toli.io](#) 🎂 Born April 8, 1987 📅 Joined April 2009

1,630 Following 609 Followers



The 'starting a start-up in 2019' starter pack





Continue the conversation:
<http://dora.community>

cinch

"What Does Your Business Think of IT?"



Continuous Delivery Ltd

Source: Gregor Hohpe "Enterprise Architecture - Architecting the Enterprise" YOW! 2017

Matt Tuplin
Engineering
Director



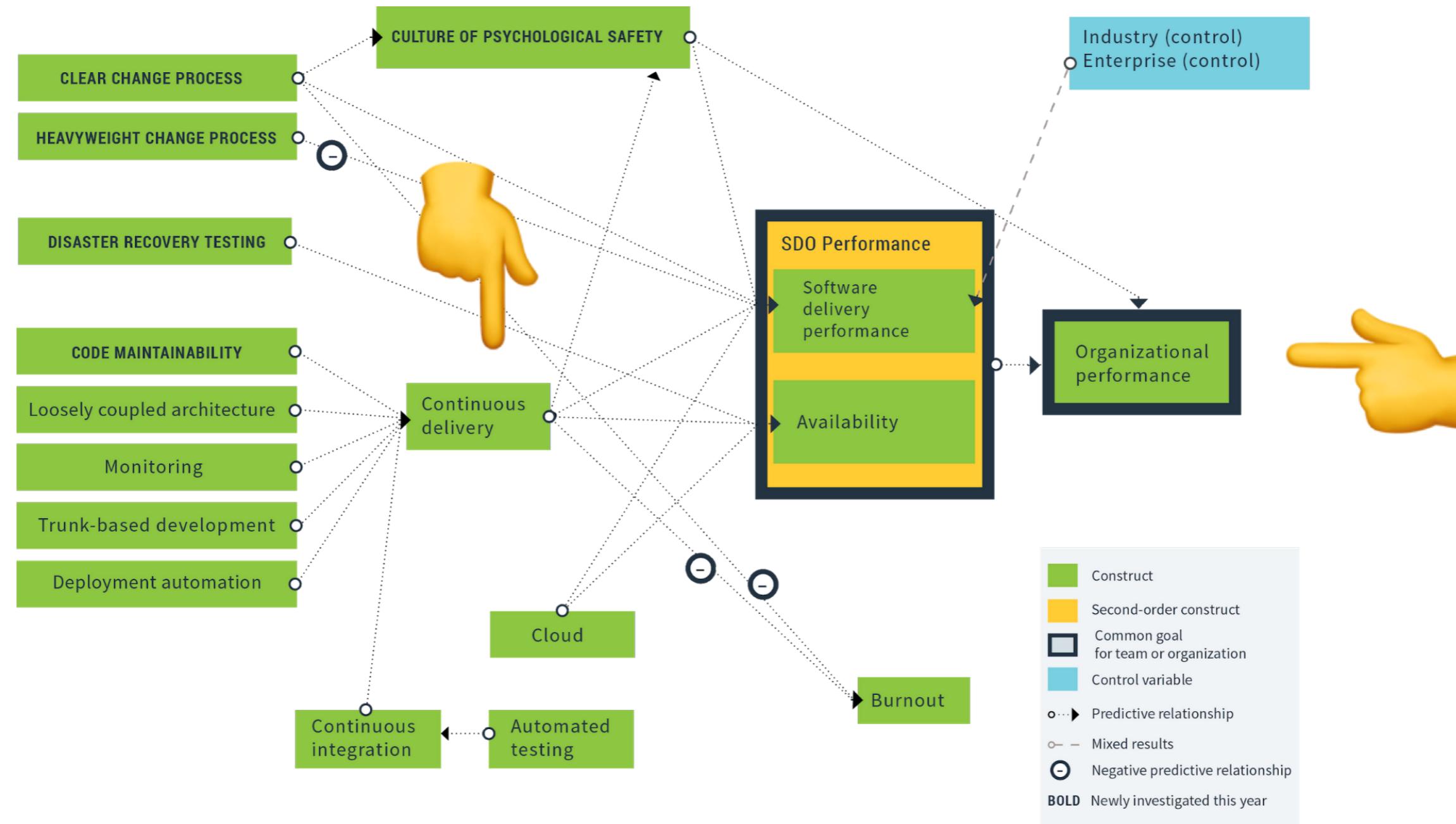
"It is now **scientifically proven** that speed **and** stability predict organisational performance"

Jaz Chana
Technology
Director



"Let's do it, have **DevOps-first mindset**. Let's start a **book club** on Accelerate"

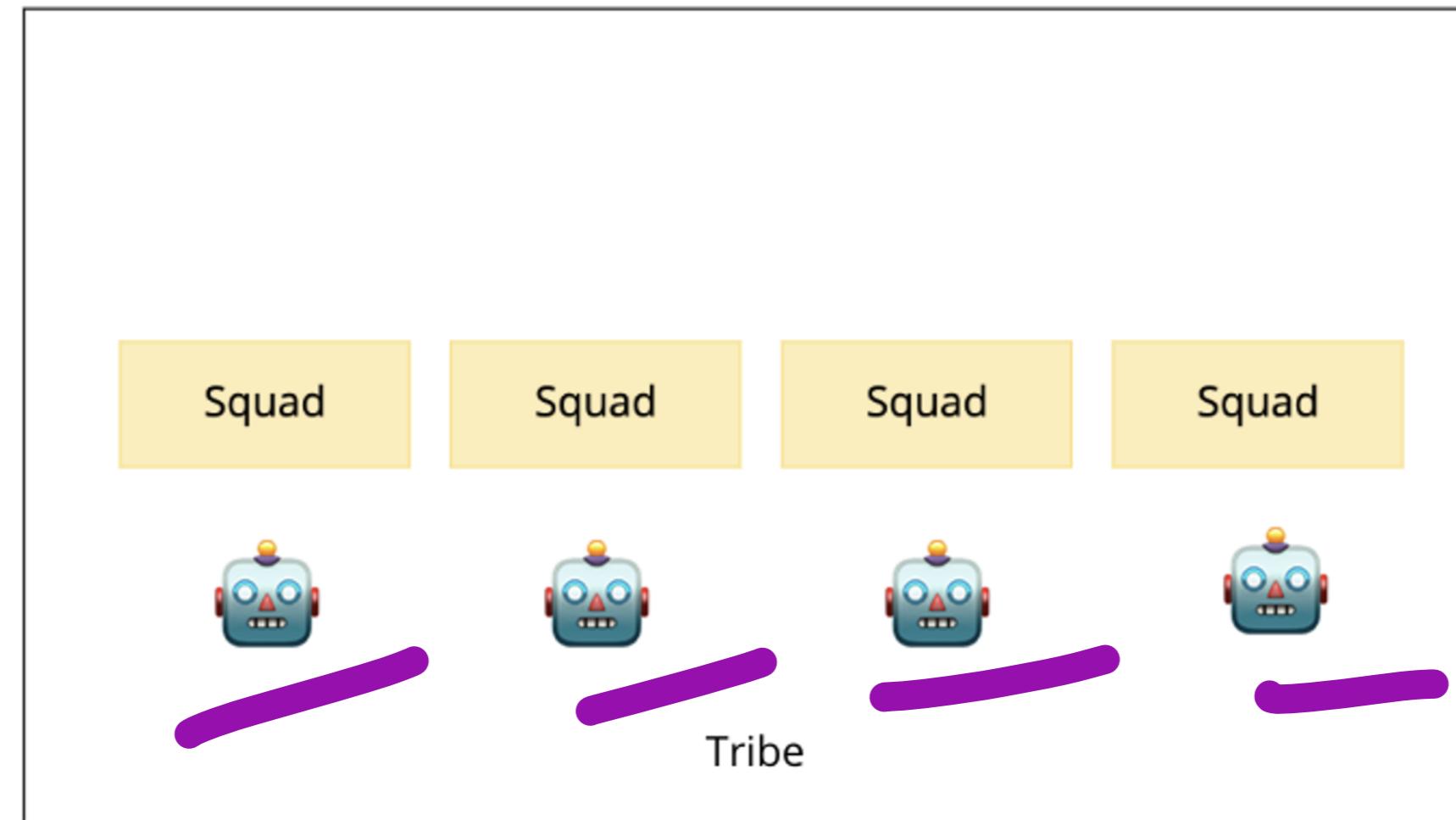
Continuous Delivery was not "hip" any more. It was facts.



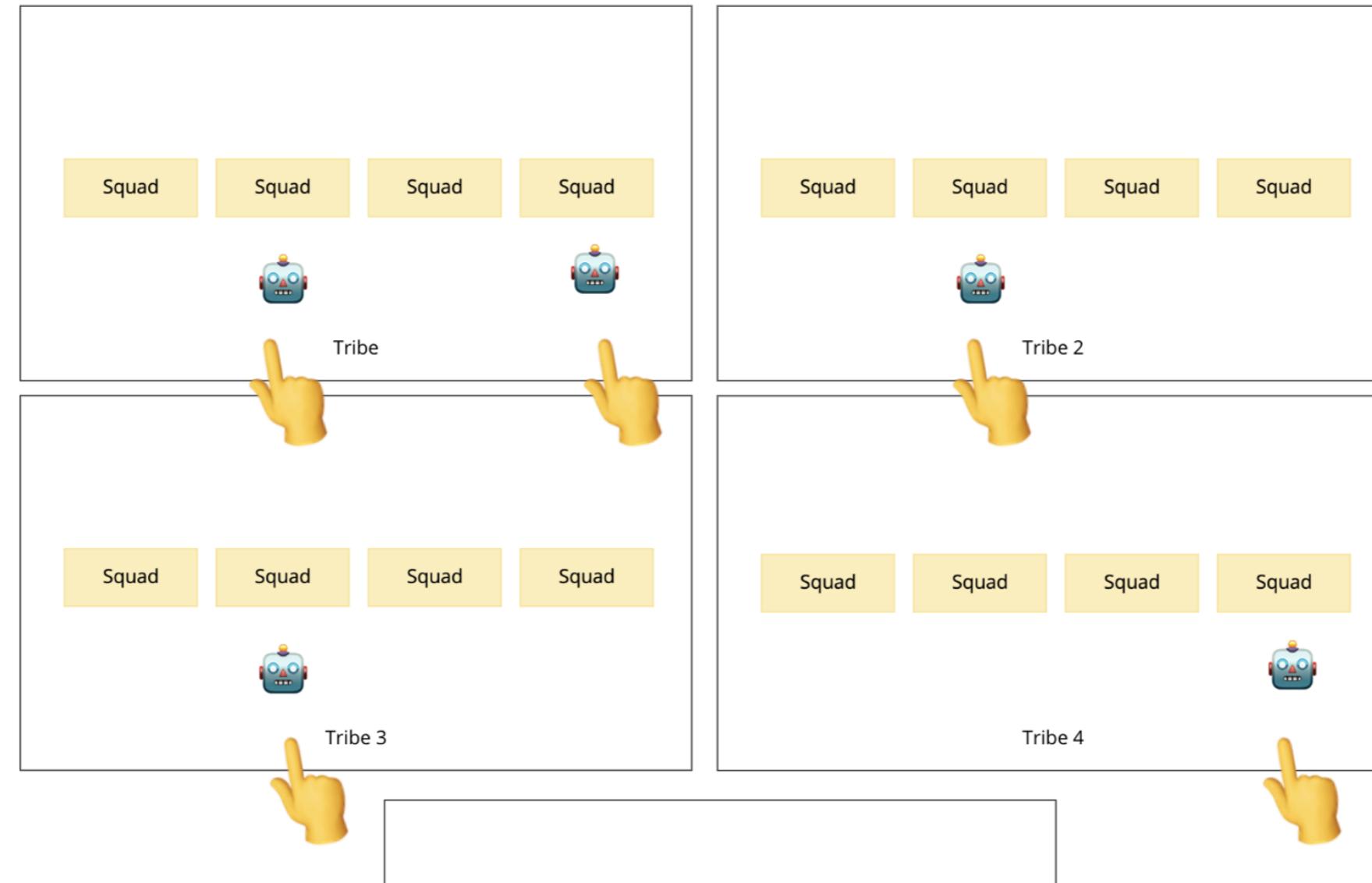
They hired a DevOps guy



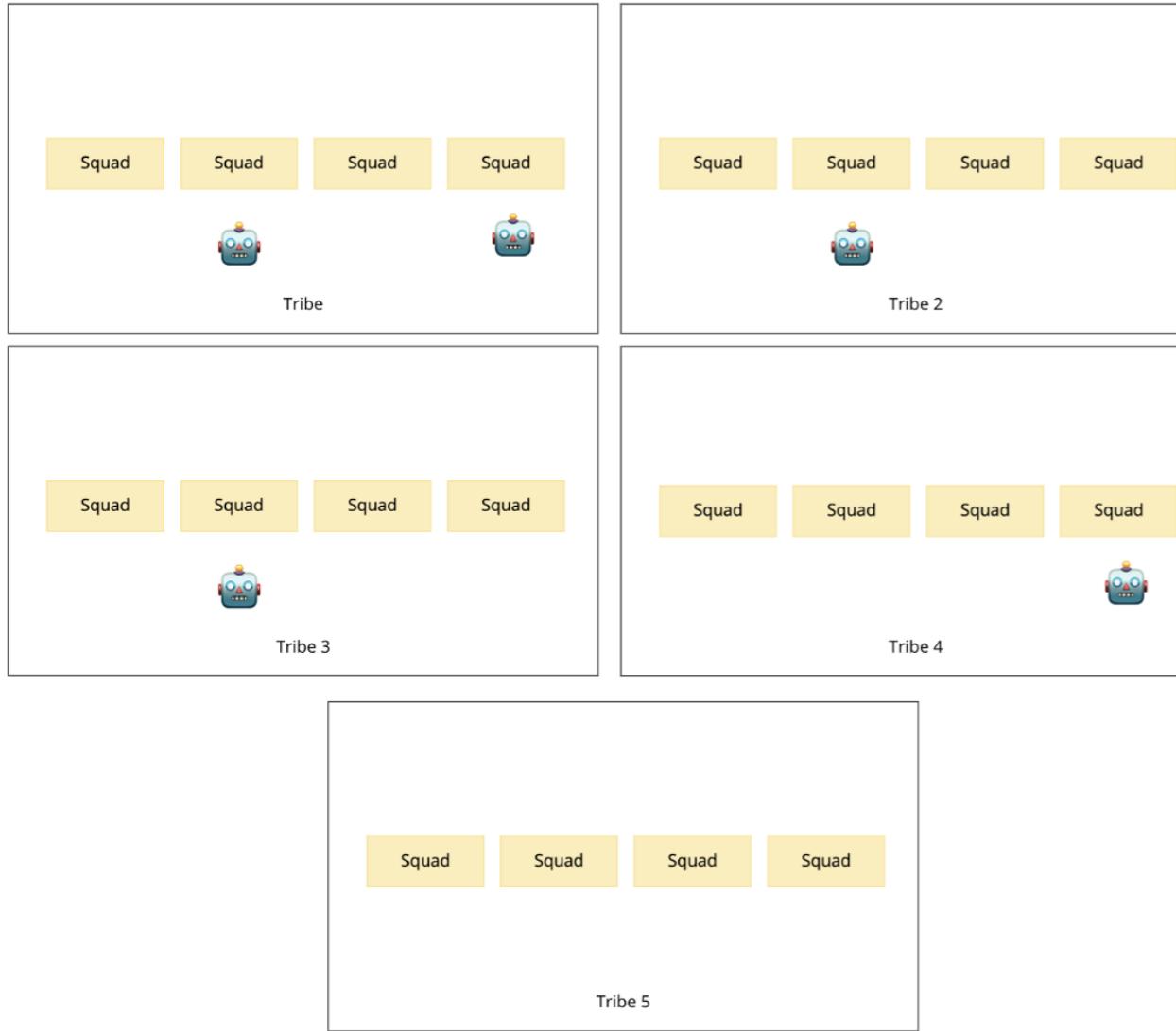
Every squad gets an Automation Engineer



In reality...



Automation Community



DevOps Community



How do we make sure squads
keep improving
their DevOps practices?

- 1. Delivery Lead Time
- 2. Deployment Frequency

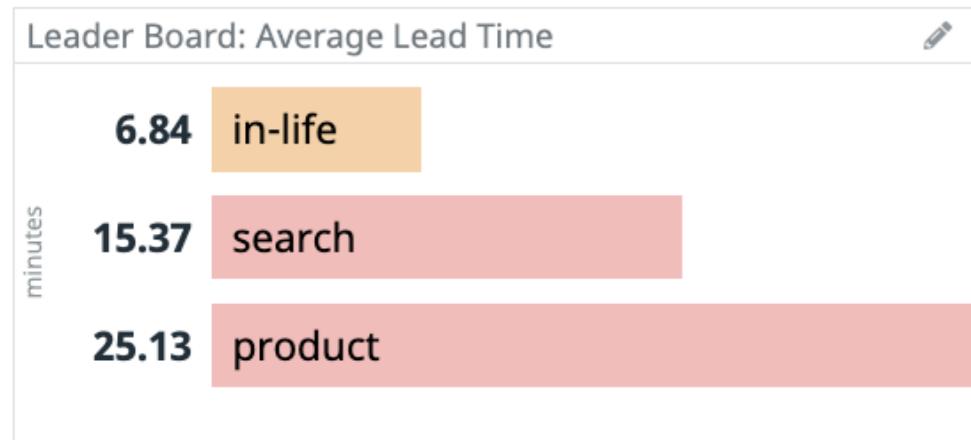
Speed

- 3. Time to restore service
- 4. Change fail rate

Stability

We can **measure** them!

▼ Leader Board

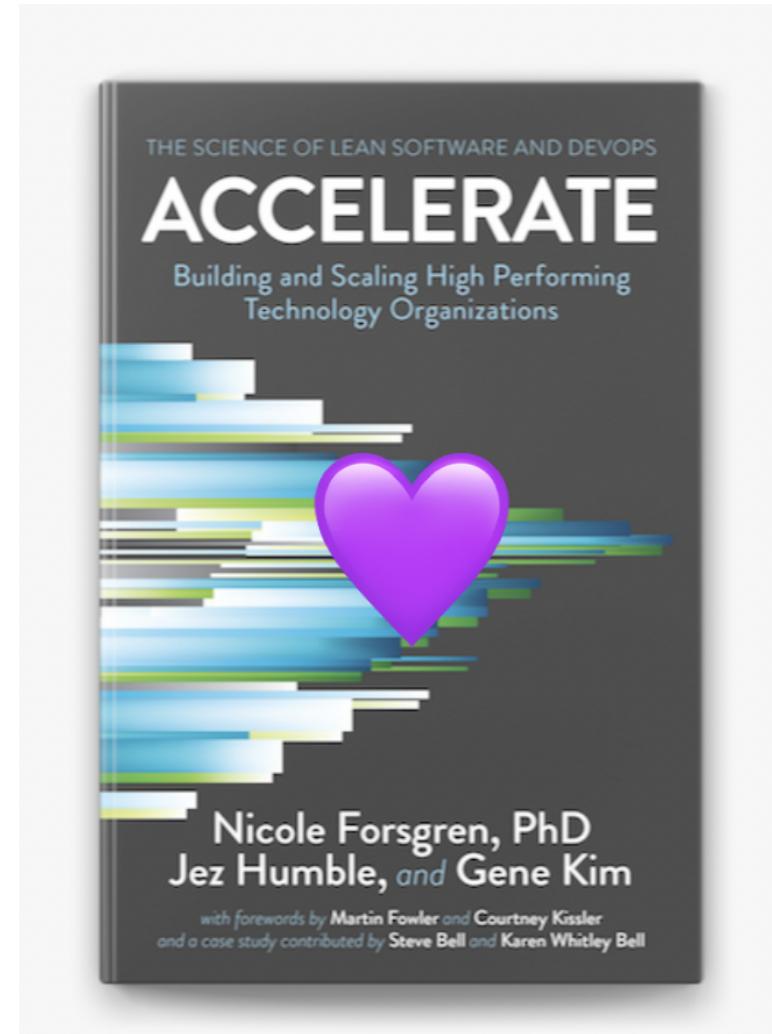


Deployments

SQUAD	TRIBE	ENV	SERVICE	AVERAGE	TOTAL DEPL
in-life	incremental-	prod	vaps-compor	6m 50s	8
search	ecommerce	prod	vehicle-searc	15m 22s	22
product	ecommerce	prod	product-com	25m 8s	25



How do we make sure squads
keep improving
their DevOps practices?



The DORA logo is displayed at the top, consisting of a stylized brown hexagon icon followed by the word 'DORA' in large blue letters, with 'DEVOPS RESEARCH & ASSESSMENT' in smaller blue text below it. Below the logo, there are three main navigation links: 'State of DevOps Reports' (with a purple heart icon), 'Capability catalog' (with a downward arrow icon), and a blue button labeled 'Take the Quick Check'.

Take the DORA DevOps Quick Check

Measure your team's software delivery performance in minutes! Compare it to the rest of the industry by回答 **multiple-choice questions**. Compare your team's performance to others, and discover which DevOps capabilities you should focus on to improve. We don't store your answers or personal information.

[Take the Quick Check](#)



2019

20%
Elite

23%
High

44%
Medium

12%
Low



Capability catalog

Explore the technical, process, measurement, and cultural capabilities which drive higher software delivery and organizational performance. Each of the articles below presents a capability, discusses how to implement it, and how to overcome common obstacles. You can also learn how to deploy a program to implement these capabilities in our article ["How to Transform."](#)

TECHNICAL

PROCESS

MEASUREMENT

CULTURAL

Version control

A guide to implementing the right version control practices for reproducibility and traceability.

[Learn more →](#)

Continuous integration

Learn about common mistakes, ways to measure, and how to improve on your continuous integration efforts.

[Learn more →](#)

Deployment automation

Best practices and approaches for deployment automation and reducing manual intervention in the release process.

[Learn more →](#)

Trunk-based development

Prevent merge-conflict hassles with trunk-based development practices.

[Learn more →](#)

We use **maturity** to highlight **capabilities**



Steps:

1. Vote on each question as a group attempting to answer where you think your squad is at with these questions (15 mins each)

2. Enter results in [DORA DevOps Quick Check](#)

3. Identify capabilities using the next board

 **Tip**

Lead time: Think about the journey of a commit from the moment it has been pushed to the moment code is ready to be used in production

Speed: Think about how often you *can* make changes to production - not only how many times you actually do (on demand is the best possible)

Restore service: Factor in the time it takes typically to become aware of an incident

Failed Deployments: Think any change that requires manual intervention

Guess!: If you don't have any data to backup your answer, use your best guess based on your knowledge of the domain and code base!

1

Speed

For the primary application or service you work on, what is your **lead time for changes** (that is, how long does it take to go from code committed to code successfully running in production)?

Lead Time:
More than
six months

Lead Time:
One to six
months

Lead Time:
One week
to one
month

Lead Time:
One day to
one week

Lead Time:
Less than
one day

Lead Time:
Less than
one hour

Deployment
Frequency:
Fewer than
once per six
months

Deployment
Frequency:
Between once
per month and
once every six
months

Deployment
Frequency:
Between once
per week and
once per month

Deployment
Frequency:
Between once
per day and
once per week

Deployment
Frequency:
Between once
per hour and
once per day

Deployment
Frequency:
On demand
(multiple
deploys per day)

3

Stability

For the primary application or service you work on, **how long** does it generally take to **restore service** when a service incident or a defect that impacts users occurs (for example, unplanned outage, service impairment)?

Time to
Restore
Service:
More than
six
months

Time to
Restore
Service:
One to six
months

Time to
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One week to
one month

Time to
Restore
Service:
One day to
one week

Time to
Restore
Service:
Less than one
day

Time to
Restore
Service:
Less than one
hour

Change
Failure
Rate:
0-15%

Change
Failure
Rate:
16-30%

Change
Failure
Rate:
31-45%

Change
Failure
Rate:
46-60%

Change
Failure
Rate:
61-75%

Change
Failure
Rate:
76-100%

For the primary application or service you work on, how often does your organization **deploy code to production** or release it to end users?

Speed

2

DevOps Checkpoints



Created by Apostolis Apostolidis
Last updated: Jan 11, 2023 by Varuna Venkatesh • 1 min read • 90 people viewed

💡 What is a DevOps checkpoint

The 'DevOps checkpoint' is a squad wide collective workshop. The aim of the workshop is to take a deep dive in **your squad's DevOps maturity, continuous delivery and Observability and Monitoring**. The squad discusses, votes and decides on the most important improvements collectively. Ultimately, at the end of the workshop the squad has a clear vision and agrees on concrete actions to actually implement the improvements.

⌚ How long does it take

The workshop needs around 2 hours to complete. It can be done in 2 parts of 1 hour or in a 2 hour slot.

🏃 How do I arrange a DevOps checkpoint

Schedule some time with your squad. Use the Miro template 'DevOps Checkpoint v7' (available to cinch-labs team) as a basis for the workshop. Include your tribe's Principal Engineer to help facilitating. The 'source' for the DevOps Checkpoint Miro template is at [M DevOps Checkpoint](#).

🕒 How often should we perform a DevOps checkpoint

We intend to run these workshops quarterly or biyearly so that we have a clear emphasis on continuous improvement.

🏃 How do I run a DevOps checkpoint

If you have scheduled the time in, please take a look at [Running a DevOps Checkpoint](#) for more detail on how to run the workshop.

Running a DevOps Checkpoint



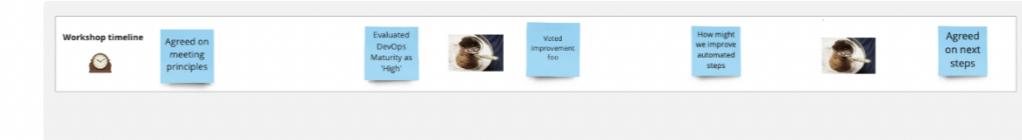
Created by Apostolis Apostolidis
Last updated: Jun 10, 2022 by Sergejs Katusenoks • 5 min read • 30 people viewed

- Evaluating maturity
- Overall outcomes expected
- Start with framing the workshop
- Deployment principles & patterns
 - Build it, ship it, support it
 - Continuous Delivery & Feedback
 - Accelerate Metrics
 - CI/CD Principles
- Interactive sessions
 - Interactive section #1: Accelerate Metrics
 - Interactive section #2: Design delivery flow & identify most important improvements
 - Interactive section #3: Break down the improvements to actionable items
 - Interactive section #4: Create summary using the template provided
- Send a survey to the participants
- Wrap up

The goals and aims of [DevOps Checkpoints](#) are outlined but how do I run one for my squad?

Given that you have some time scheduled with the squad, you can facilitate the session.

- ✓ While going through the session, make sure you update the timeline as it does help with quickly recapping at the end of each session or at the start of the second session. Or simply when you come back to it in 3 months time



Evaluating maturity

Use the workshop to:

- ✓ what DevOps maturity the squad is at according to DORA research
- ✓ what capabilities the squad should emphasise based on the maturity estimated from the squad's answers to the 4 'Accelerate' questions

Welcome to your DevOps Checkpoint

DevOps Checkpoint

Agree on meeting principles

What is a DevOps Checkpoint?

- Squad level **self-evaluation** of DevOps practices & patterns to **identify** areas of improvements
- We want to be **continuously improving** so serves as a benchmark on which we can build on
- Feeds into **service readiness** for new services or new features
- **Regular** (quarterly or biyearly) review of **DevOps maturity**
- View all past DevOps checkpoints on [Confluence](#)

Agenda

- Deployment Principles & Schematic Approach
- DevOps maturity
- Design current deployment approach
- Identify areas of improvement
- Review & create DevOps Summary

Outcomes from today's session

We have identified our DevOps maturity capabilities we need to work on and we have some collectively agreed improvement actions

Principles for today's session

- Everyone's input is equally valued
- We keep things simple and jargon free
- Share your experiences
- Close down Teams and another things that might distract you
- Keep conversations on track, and make it clear when we're moving onto another topic
- We always respect each other
- Have fun

Deployment Principles

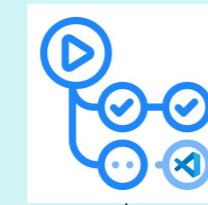
Set the DevOps scene



DevOps at cinch

CI/CD

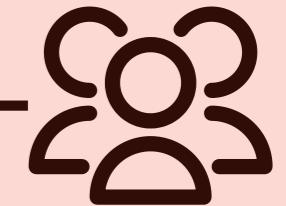
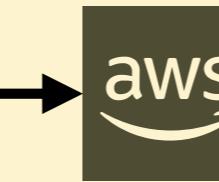
github actions



dev

prod

integration/e2e tests



People

integrate/test

deploy

deploy

browse/buy cars

Write/Feedback Loop

source code



Feedback

write code / unit test



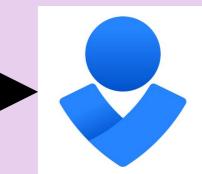
Squad

alerting



DATADOG

On Call Alerts



opsgenie

exploration

Accelerate metrics

Through six years of research, the [DevOps Research and Assessment \(DORA\)](#) team has identified four key metrics that indicate the performance of a software development team:

- **Deployment Frequency**—How often an organization successfully releases to production
- **Lead Time for Changes**—The amount of time it takes a commit to get into production
- **Change Failure Rate**—The percentage of deployments causing a failure in production
- **Time to Restore Service**—How long it takes an organization to recover from a failure in production

At a high level, Deployment Frequency and Lead Time for Changes measure velocity, while Change Failure Rate and Time to Restore Service measure stability. And by measuring these values, and continuously iterating to improve on them, a team can achieve significantly better business outcomes.

Deployment frequency

Lead time for changes

Change failure rate

Time to restore

How might we strike the **right balance** between velocity and stability?

How might we **minimise time to acknowledge and time to restore**?

CI/CD principles

A few principles that guide what good CI/CD mechanisms look like.

Principles:

- shouldn't feel like a rule
- should feel like suggestions, not commandments
- are things that we believe contribute to good CI/CD mechanisms

😎 A tale of confidence



Commit and push often

🚀 Be comfortable with your change going straight to prod

🌐 Make pipelines visible and transparent

↳ Reduce toil

💜 Automation is trustworthy

🌐 Life as code

✍️ Make pragmatic, informed decisions about security

⌚ Create timely feedback loops

😎 A tale of confidence

The below principles should lead to the most important property of a good CI/CD practice: having confidence in changing your software.

⌚ Commit and push often

Smaller changes are less risky and they adhere to "Lean Principles". They also avoid "sunk cost fallacy".

🚀 Be comfortable with your change going straight to prod

Take a Continuous Integration and Continuous Deployment (CI/CD) approach to making changes to our software. Choose Continuous deployment by default.

CD can also interchangeably stand for Continuous Delivery. When practicing Continuous Delivery, code is integrated and delivered to be evaluated, but not promoted to prod. Continuous Deployment includes promoting atomic changes to production without a manual gate. The differences are explained by this Google document

🌐 Make pipelines visible and transparent

Pipelines are easy to understand and observable. They communicate in the right place, at the right time. When something fails, it is clear what it is. They are easy to measure.

Measurable pipelines allow for behaviour to be observed over time. We can focus on things that matter, like:

- increasing reliability
- reducing cycle time.

↳ Reduce toil

Make our lives easier by reducing toil. Reducing toil helps us to focus on small, frequent, and reliable changes.

▶ What is toil?

💜 Automation is trustworthy

Automated tasks are consistent and predictable. They work a very high percentage of the time. Automated tasks help to improve quality in the delivered product.

🌐 Life as code

Code-ification over click-ification. Prefer code declarations over manual configuration.

✍️ Make pragmatic, informed decisions about security

Security is important. It's a balancing act between high levels of security and high levels of throughput. Tooling helps to provide visibility of security concerns.

⌚ Create timely feedback loops

When running automated tasks - locally or remotely - feedback is timely. Getting quick feedback on the effect of changes is important. It allows focusing on the change itself at the time the change is happening.

DevOps Maturity

Evaluate DevOps Maturity

Steps:

1. Vote on each question as a group attempting to answer where you think your squad is at with these questions (15 mins each)

2. Enter results in [DORA DevOps Quick Check](#)

3. Identify capabilities using the next board

Tip



Lead time: Think about the journey of a commit from the moment it has been pushed to the moment code is ready to be used in production

Speed: Think about how often you *can* make changes to production - not only how many times you actually do (on demand is the best possible. Ask yourselves:

- Can you complete multiple deploys in less than two hours?
- Can sustain that rate without negative impacts (e.g., burnout) for weeks?

Restore service: Factor in the time it takes typically to become aware of an incident

Failed Deployments: Think any change that requires manual intervention

Guess!: If you don't have any data to backup your answer, use your best guess based on your knowledge of the domain and code base!

1

Speed

For the primary application or service you work on, what is your **lead time for changes** (that is, how long does it take to go from code committed to code successfully running in production)?

Lead Time:
More than six months

Lead Time:
One to six months

Lead Time:
One week to one month

Lead Time:
One day to one week

Lead Time:
Less than one day

Lead Time:
Less than one hour

Speed

2

For the primary application or service you work on, how often does your organization **deploy code to production** or release it to end users?

Deployment Frequency:
Fewer than once per six months

Deployment Frequency:
Between once per month and once every six months

Deployment Frequency:
Between once per week and once per month

Deployment Frequency:
Between once per day and once per week

Deployment Frequency:
Between once per hour and once per day

Deployment Frequency:
On demand (multiple deploys per day)

3

Stability

For the primary application or service you work on, **how long** does it generally take to **restore service** when a service incident or a defect that impacts users occurs (for example, unplanned outage, service impairment)?

Time to Restore Service:
More than six months

Time to Restore Service:
One to six months

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One week to one month

Time to Restore Service:
One day to one week

Time to Restore Service:
Less than one day

Change Failure Rate:
0-15%

Change Failure Rate:
16-30%

Change Failure Rate:
31-45%

Change Failure Rate:
46-60%

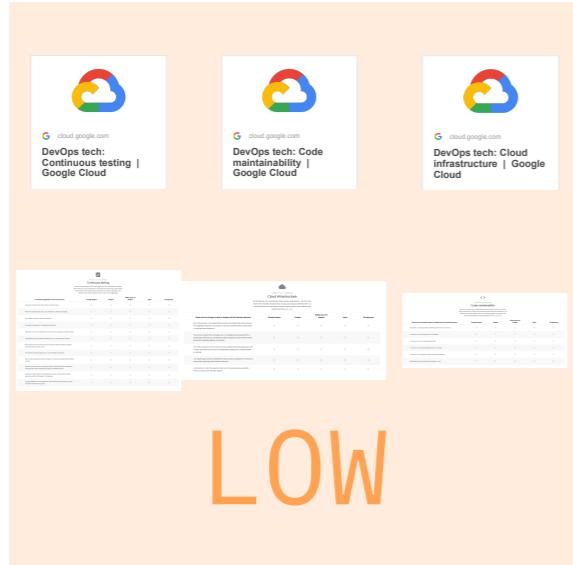
Change Failure Rate:
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Change Failure Rate:
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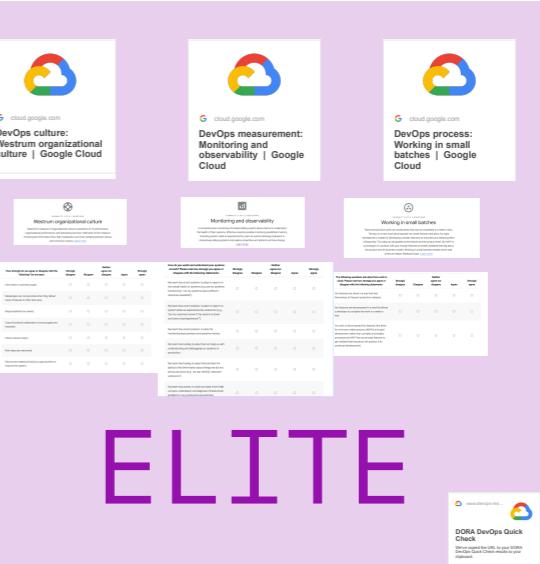
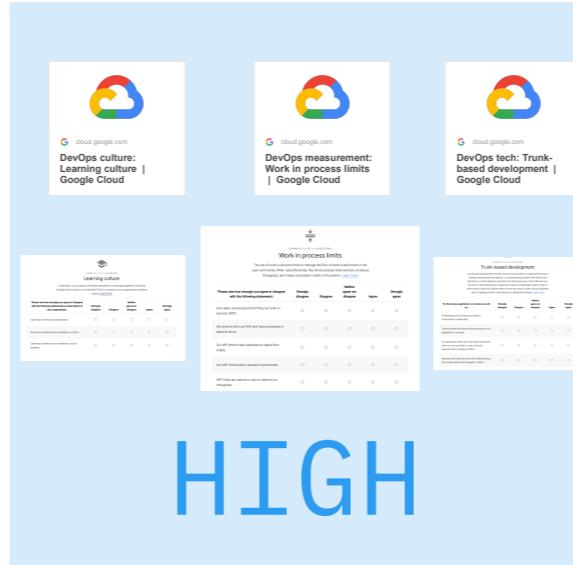
Stability

4

LOW MATURITY



HIGH





cloud.google.com

DevOps culture:
Westrum
organizational culture
| Google Cloud



cloud.google.com

DevOps measurement:
Monitoring and
observability | Google
Cloud



cloud.google.com

DevOps process:
Working in small
batches | Google
Cloud

Lack of design + product presence in team

Westrum organizational culture

Westrum's measure of organizational culture is predictive of IT performance. Organizational performance is often measured by how much "Hallmarks" of its measure include good information flow, high cooperation and trust, bridging between teams, and conscious inquiry. [Learn more](#)

Firefighting app

Monitoring and observability
Opportunity with alerting?
Generally happy

Pairing

Working in small batches
No feature flagging tool
Trunk based

How strongly do you agree or disagree with the following? On my team:

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
Information is actively sought.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Responses are re-estimated when they deliver news of failures or other bad news.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Requirements are shared.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cross-functional collaboration is encouraged and rewarded.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Failure causes inquiry.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
New ideas are welcomed.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Failures are treated primarily as opportunities to improve the system.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How do you work and understand your systems at work? Please rate how strongly you agree or disagree with the following statements:

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
My team has a rich solution in place to report on the overall health of systems to us, and my systems are functioning well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My team has a rich solution in place to report on system state as experienced by customers (e.g., do my customers know if my system is down and have a bad experience?).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My team has a rich solution in place for monitoring key business and systems metrics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My team has tools in place that can help us with understanding and debugging our systems in production.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My team has tools in place that provide the ability to feed information about things we did not previously know (e.g., we can identify "unknown unknowns").	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My team has access to tools and data which help us track, understand, and diagnose infrastructure problems in our production environment.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The following questions ask about how work is sized. Please rate how strongly you agree or disagree with the following statements:

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
Our features are sized in a way that allows them to fit our production capacity.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Our features are decomposed in a way that allows a developer to complete the work in a week or less.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Our work is decomposed into features that allow for minimum viable products (MVPs) and rapid development, with their complex and lengthy processes (e.g. QA) having just enough features to get validated learning about the product & its context and development.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

ELITE



www.devops-res...

DORA DevOps Quick Check

We've copied the URL to your DORA DevOps Quick Check results to your clipboard.

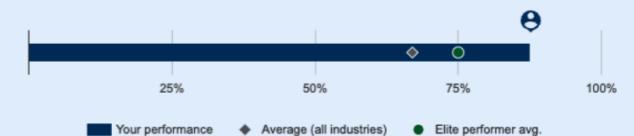
Key DevOps capabilities recommended for you

Based on your performance profile, we think you should work on the three capabilities listed below. Based on your responses to the capabilities assessment, **we recommend you focus on monitoring and observability first.** [?](#)

Monitoring and observability KEY FOCUS AREA

A comprehensive monitoring and observability system allows teams to understand the health of their systems. Effective solutions enable monitoring predefined metrics, including system state as experienced by users as well as allowing engineers to interactively debug systems and explore properties and patterns as they emerge.

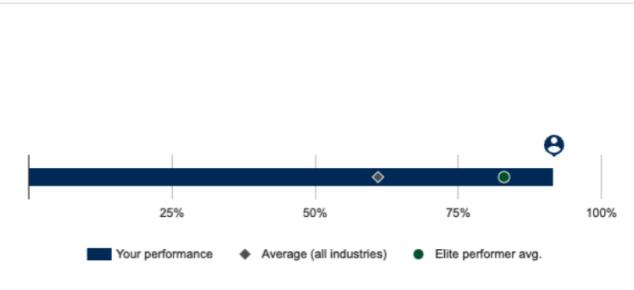
[View solution](#)



Working in small batches

Teams should slice work into small pieces that can be completed in a week or less. The key is to have work decomposed into small features that allow for rapid development, instead of developing complex features on branches and releasing them infrequently. This idea can be applied at the feature and the product level. (An MVP is a prototype of a product with just enough features to enable validated learning about the product and its business model.) Working in small batches enables short lead times and faster feedback loops.

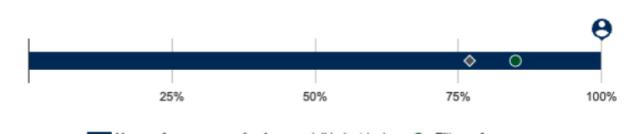
[View solution](#)



Westrum organizational culture

Westrum's measure of organizational culture is predictive of IT performance, organizational performance, and decreasing burnout. Hallmarks of this measure include good information flow, high cooperation and trust, bridging between teams, and conscious inquiry.

[View solution](#)

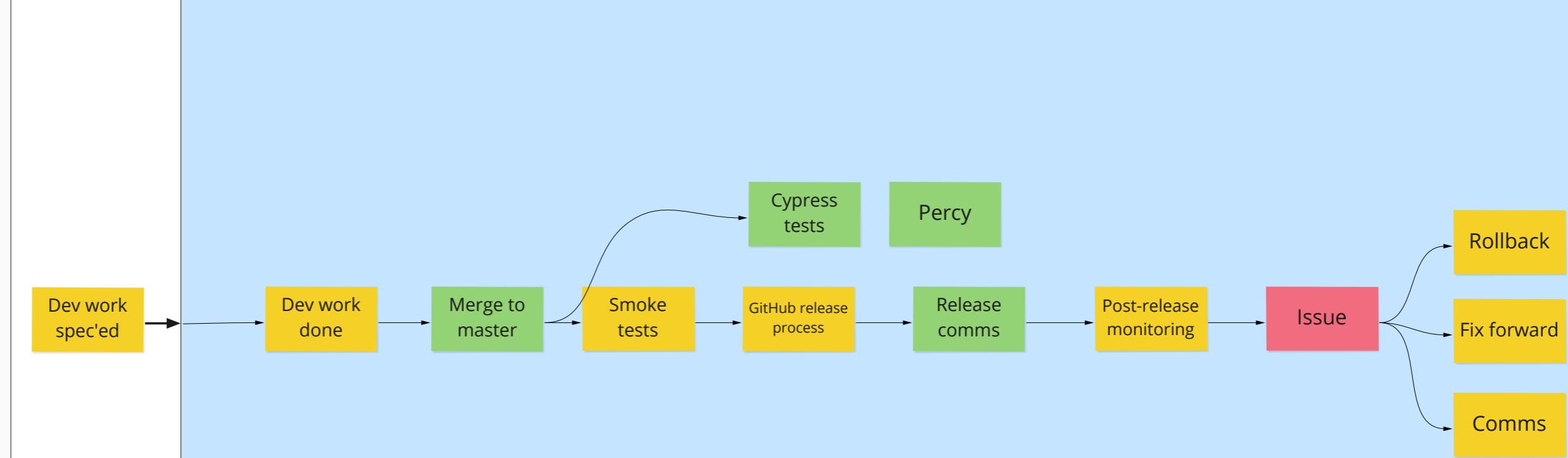


Design Current Approach

Design Path to Production
Vote for the things to improve

✓ Steps:

1. Design your squad's current deployment process (⌚10 mins)
2. Identify areas of improvements by applying the sticky notes to the deployment process (⌚10 mins)
3. Vote on the improvements you think are the most valuable? (⌚5 mins)



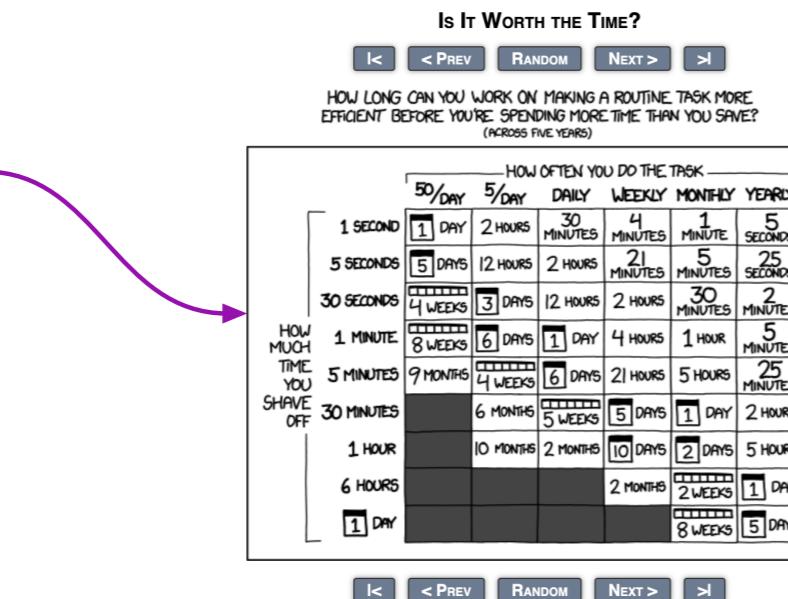
Deploy to prod: think about small batches, how do I know that our 'thing' still works as expected

Testing in prod: what do you do after a deployment to prod (manual or automated)

Manual vs Automated: indicate what is manual and what is automated using colour coding

Be ambitious: what are the bits you always wanted to improve?

CI/CD principles: think about the principles outlined on the cinch blueprint



Manual
work

Manual
work

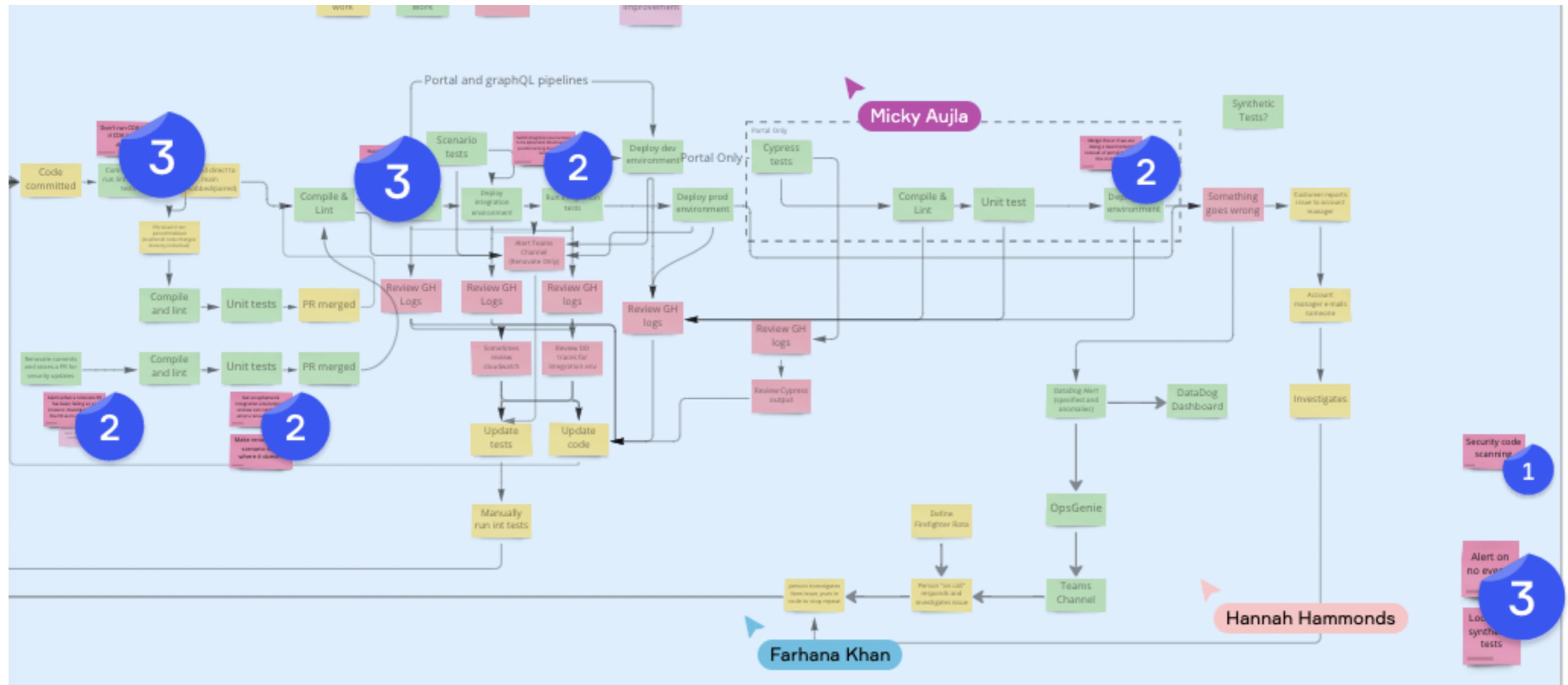
Automated
work

Automated
work

Failed
Deployment

Failed
Deployment

Improvement



DevOps Checkpoint Summary

<Month> 2022

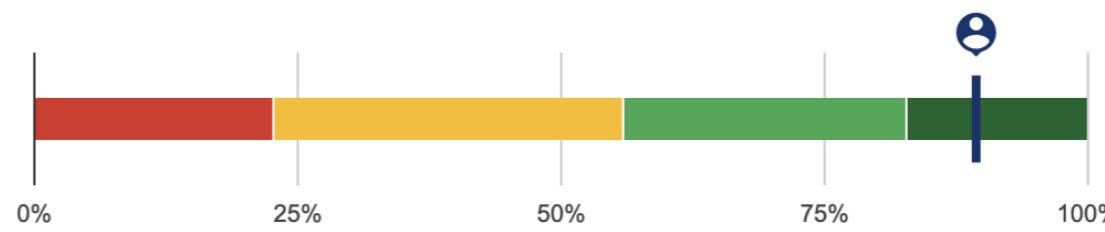
DevOps maturity is... <Maturity>!

Your software delivery performance

Your performance:

Elite

You're performing better than 89% of State of DevOps Survey respondents. ?



SAMPLE - Enter screenshot of maturity here

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IMPROVEMENT AREAS

PERFORMANCE COMPARISON

ELITE PERFORMERS

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Based on this maturity, the **capabilities** the squad should be focusing on are:

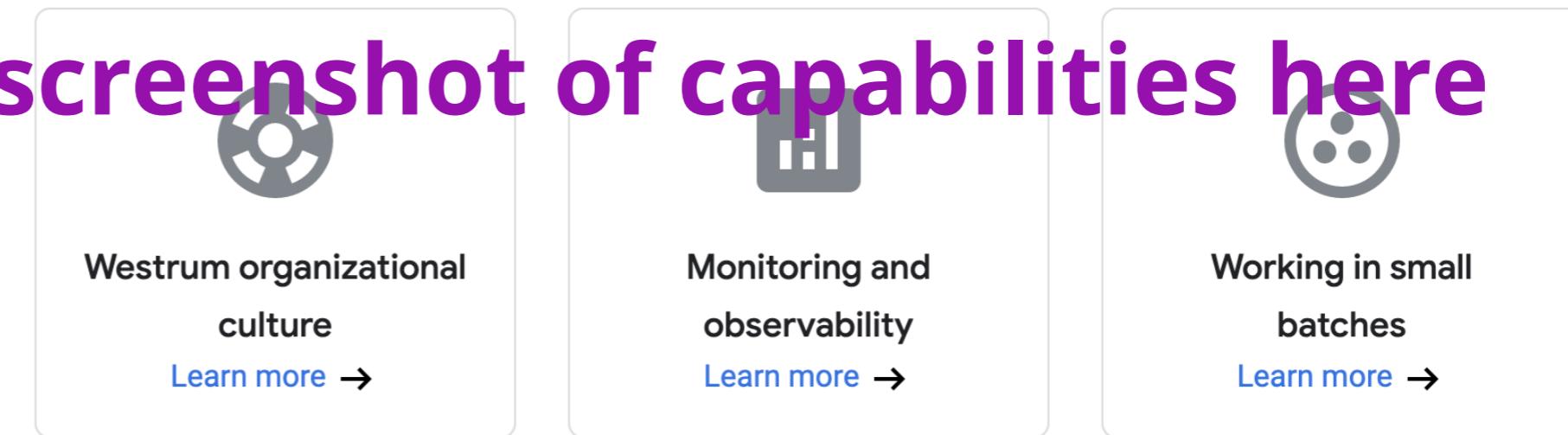


Key DevOps capabilities for elite performers

When we analyzed the responses of other **elite** performers, we found that working on these three capabilities had the most impact on improving their software delivery performance.

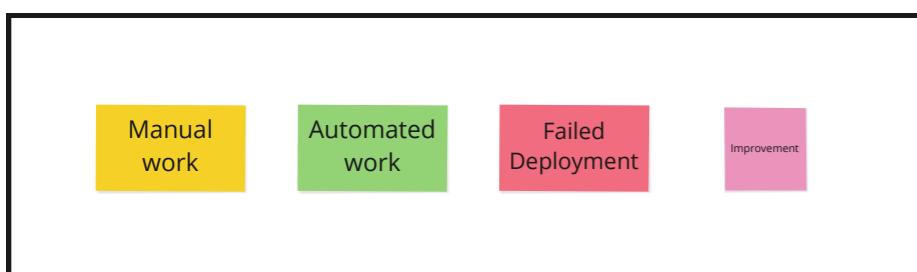
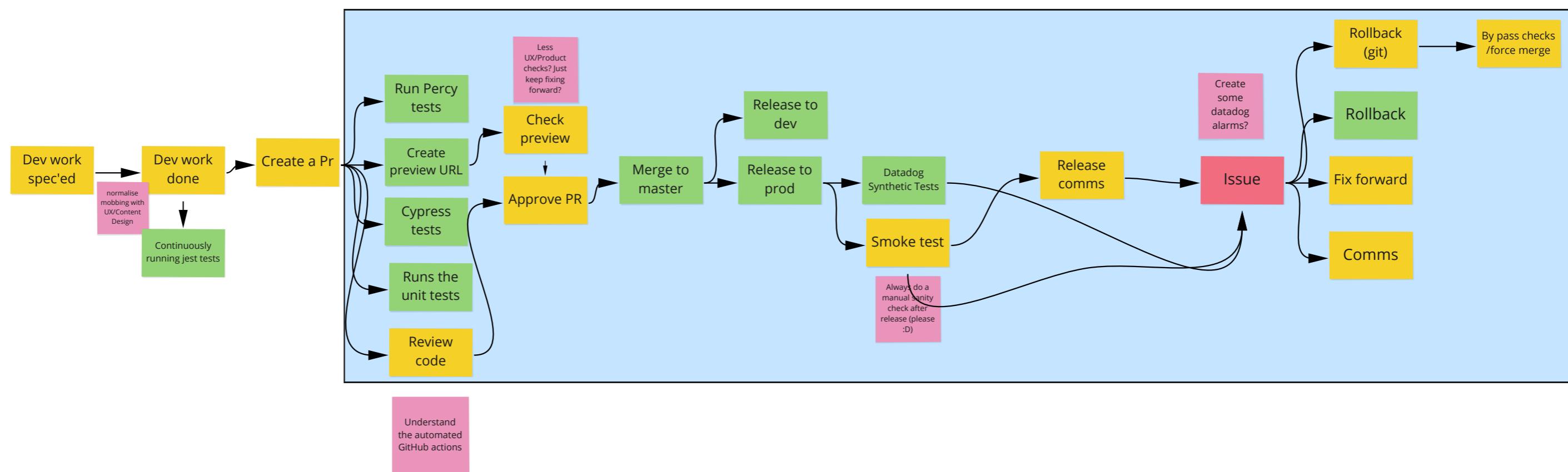
Help me prioritize

Rank your responses to a series of 3-12 questions for each of these three capabilities, to determine how you perform and which to consider focusing on first.



Software delivery flow & top improvements identified

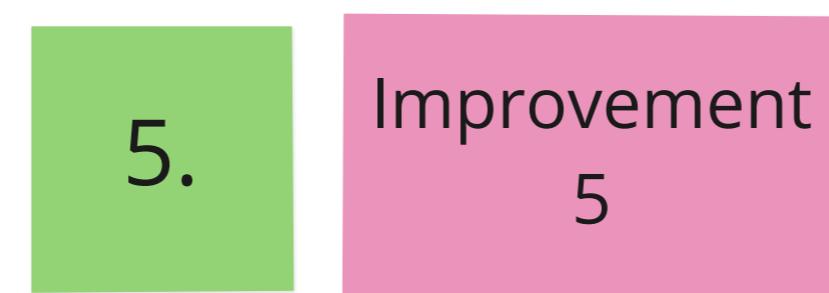
SAMPLE - Copy delivery flow here



Top improvements identified



SAMPLE - Enter improvements here



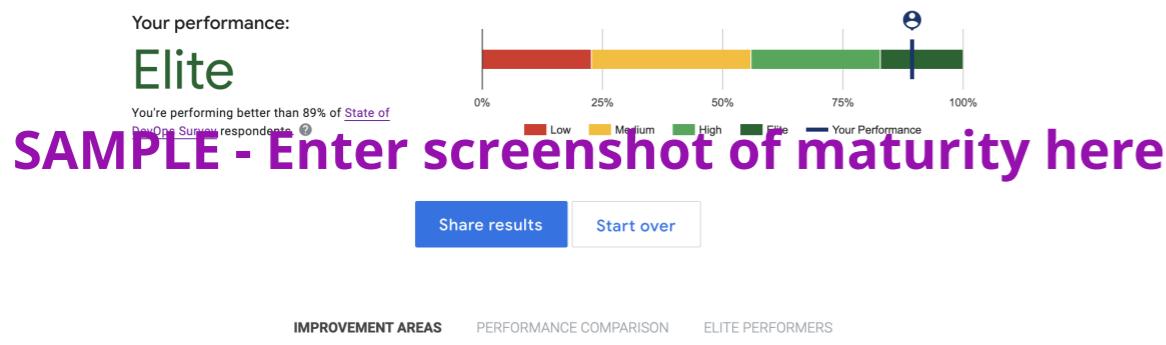
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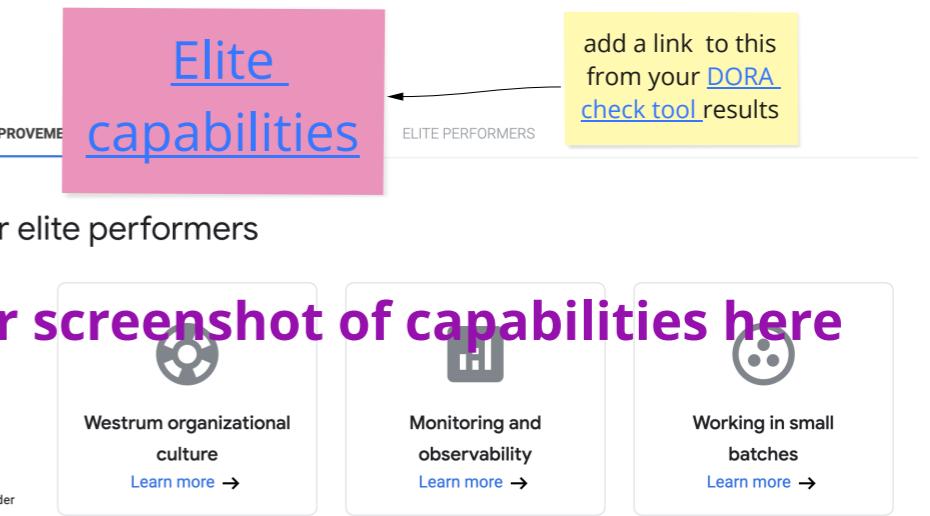
[Go to workshop - ENTER LINK HERE](#)

DevOps maturity is... <Maturity>!

Your software delivery performance



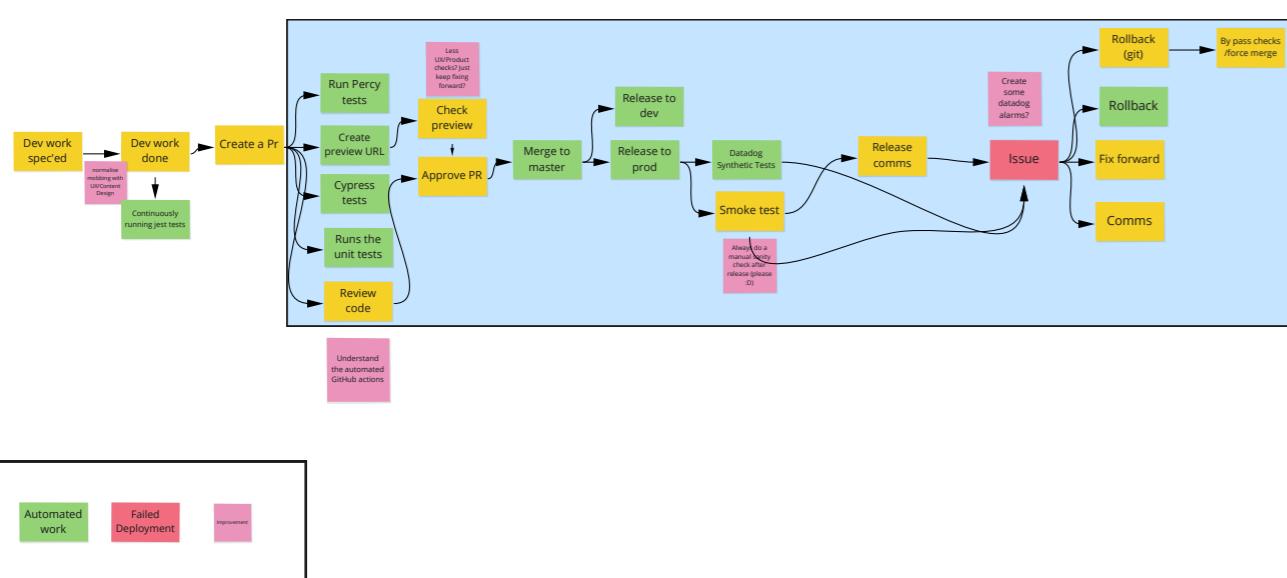
Based on this maturity, the **capabilities** the squad should be focusing on are:



cinch | <Squad Name>

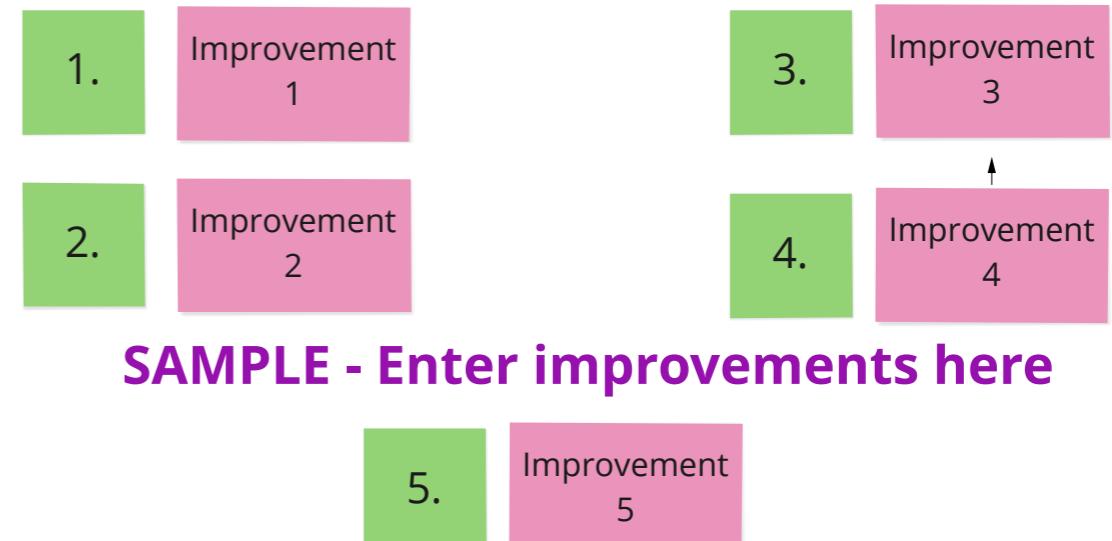
Software delivery flow & top **improvements** identified

SAMPLE - Copy delivery flow here



cinch | <Squad Name>

Top **improvements** identified



cinch | <Squad Name>

cinch | <Squad Name>

Partner Tooling | 2023-01 | DevOps Checkpoint



Created by Varuna Venkatesh
Last updated: Jan 11, 2023 • 1 min read • 2 people viewed

	Squad	Partner Tooling
	Workshop Date	10 Jan 2023
	Facilitator	@Varuna Venkatesh
	Miro Board	Board Link
	DevOps Maturity	Elite
	Capabilities	Monitoring and observability

DevOps Checkpoint Summary Jan 2023

DevOps maturity is... **Elite!**

Your software delivery performance

Your performance: **Elite**
You're performing better than 89% of [State of DevOps Survey](#) respondents.

The chart shows a horizontal bar from 0% to 100%. A blue dot is positioned at approximately 90%, indicating the user's performance is higher than 89% of respondents. The legend below the chart indicates: Low (red), Medium (orange), High (green), Elite (dark green), and Your Performance (blue).

cinch | Partner Tooling

Based on this maturity, the **capabilities** the squad should be focusing on are:

The recommendations section displays three cards:

- Monitoring and observability:** A comprehensive monitoring and observability system allows teams to understand their infrastructure and application health in real-time. This includes metrics, logs, and traces that allow for proactive detection of issues. This is a key capability for DevOps success.
- Working in small batches:** Teams should break down work into smaller, more manageable pieces that allow for faster development, testing, and deployment cycles. This leads to faster feedback loops and reduces the risk of introducing bugs. Smaller batches also make it easier to identify and fix problems quickly.
- Medium organizational culture:** Medium is a measure of organizational culture as a position of IT performance. It's characterized by a focus on collaboration, communication, and shared responsibility. This culture promotes high engagement and strong alignment between teams, which leads to better outcomes.

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Software delivery flow & top **improvements** identified

The diagram illustrates a complex software delivery flow. It starts with code generation, followed by multiple parallel paths for unit tests, PR merges, and build steps. These lead into various stages of integration, deployment, and monitoring. Key nodes include 'Configure CI/CD', 'Build', 'Unit Test', 'PR merge', 'Deployment', 'Monitoring', and 'Alerts'. The flow is highly interconnected with many feedback loops and dependencies.

Top improvements identified

- Alert on no events:** Alerts when a renovate PR is failing so we know to investigate or kill the PR as needed.
- Commit Hook - Don't run CDK tests if CDK has not changed:** Commit hook to prevent unnecessary CDK tests from running.
- Run CDK tests in parallel with unit tests:** Run CDK tests in parallel with unit tests to speed up the CI/CD process.
- Switch integration environment to use the same one for parallel running of integration tests + catch more errors, renovate cause:** Switch to a single integration environment for parallel runs and catch more errors.
- Partner Portal - Merge Dev & Prod deployment pipelines:** Merge Dev and Prod deployment pipelines into a single partner portal.

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Past DevOps checkpoints

A circular profile picture of a man with dark hair and a beard, wearing a dark t-shirt. He is standing in front of a brick wall.

Created by Apostolis Apostolidis

Speed is more about ability to deploy

Teams love feeling "elite"

Operational Performance always felt "missing"

Stability metrics are hard to measure

Improve the thing, don't measure it

The bottleneck is rarely in CI/CD

What should we be measuring in 2023?

How to "measure" operational performance?

Should we actually slow down?

How does any of this change for serverless?

Thank you!