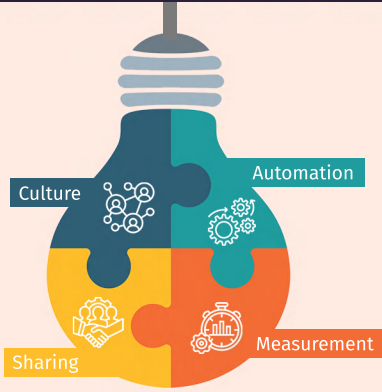


MEASURING DEVOPS WITH DORA METRICS

The CAMS model consisting of Culture, Automation, Measurement, and Sharing, is a framework that assesses an organization's ability to adopt DevOps processes.



In practice however, businesses tend to focus on the culture and technology aspects of the model and neglect measurement and sharing.

When done right, measurement can be the pivotal ingredient to any DevOps transformation. With the right metrics in hand, businesses can leverage the insights from experiments to avail accelerated success.

So, to know where you stand in your DevOps journey, the DevOps Research and Assessment (DORA) organization has chalked out four metrics to measure- two for speed and two for stability.

Here are the questions that these metrics help you answer:

Deployment frequency



How often can an organization successfully release to production?

What is the amount of time that it takes for changes to get deployed to production?



Lead time for changes

Change failure rate



What is the percentage of deployments that cause a failure in production?

How long does it take for an organization to recover from a failure in production?



Time to restoration

By measuring these values continuously and iterating to improve them, you can significantly boost your business outcomes.

DORA uses these metrics to identify Elite, High, Medium, and Low performing teams.

DORA Metric	Elite	High	Medium	Low
Deployment frequency	Multiple deploys per day	Between once per day to once per week	Between once per week and once per month	Between once per month and once every six months
Lead time for changes	Less than one day	Between one day and one week	Between one week and one month	Between one month and six months
Change failure rate	Less than one hour	Less than one day	Less than one day	Between one week and one month
Time to restoration	0-15%	0-15%	0-15%	46-60%

Use these metrics to analyse the effectiveness of your software development and delivery pipelines over time as well as your performance amongst the larger DevOps community.

Want to learn about where you stand and how you can improve the effectiveness of your DevOps practices? Get in touch with us now!



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