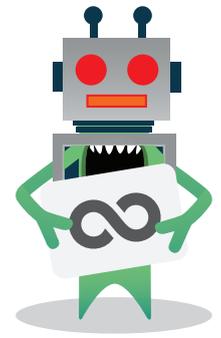




DevOps



- 1 Look up definitions on what 'DevOps' is and share your own definition on The Club.
- 2 Have a coffee with a member of your team and discuss what 'DevOps' means to them.
- 3 Pick up a book to read about 'DevOps' and share on The Club why you picked it.
- 4 Sign up and explore an ops focused tool e.g. Docker.
- 5 Visualise your current deployment pipeline to better understand it. You can use this as an opportunity to discuss it with your team.
- 6 DevOps arose from the need to maintain shared systems. Where do you see shared ownership of systems in your organization?
- 7 Watch the AMA on DevOps and join the conversation on The Club.
- 8 Find out how your team/company are alerted for production problems, and how they respond. Do they have a runbook or have "game days" to practice responding to prod failures?
- 9 Follow 5 people on social media who are sharing or working in the 'DevOps' space.
- 10 Find out what tools your company/team uses to do logging, monitoring, tracing, analytics, and/or observability. Choose one to learn more about and share on the Club.
- 11 Share one advantage you can see that cloud technology brings to testing.
- 12 Read and share a blog post on DevOps.
- 13 Share a misconception about 'DevOps' and your thoughts on it.
- 14 Learn about your team's source code control branching model and the reason for following it. Does the team practice trunk- or master-based development, use feature branches, or some other approach?
- 15 Listen to a podcast episode on a topic related to DevOps. Share on The Club.
- 16 Use a Test Suite Canvas such as Test Suite Design from Ashley Hunsberger and discuss one automated test suite with teammates in other disciplines. (If you don't have automated tests, talk about a potential one you might need.)
- 17 Look up the principles of continuous delivery (continuousdelivery.com). Discuss with a colleague: how do these relate to agile and testing principles that you follow?
- 18 Contribute to the discussion on how 'DevOps' impacts the role of testing and QA.
- 19 Automate a repetitive task. For instance, if you have a manual validation task that involves repeatedly filling out the same Web forms, you can automate that by installing and configuring Fake Data.
- 20 Explore how you could integrate GUI Functional tests into your deployment pipeline. Learn more about TestIm's free tool Playground
- 21 Pair with someone outside your company and visualize/explain your deployment pipelines for each other.
- 22 Explore outages that your team has experienced. What could be done to reduce the risk of these outages being repeated?
- 23 Make and share a list of different activities that are carried out in 'DevOps'.
- 24 Explore and share definitions on Infrastructure as code.
- 25 Does your team use feature toggles/flags? Why and how are they implemented? If not, discuss what using feature toggles could do for your product quality.
- 26 Share an example of infrastructure as code that needs to be tested.
- 27 Share one piece of advice you would give for someone starting out in a 'DevOps' culture.
- 28 Research different approaches to exposure control (for example, canary releases) and share one you have experience with or would like to try.
- 29 Contribute to any discussion on The Club about 'DevOps'.
- 30 Share on The Club what you learned from the book you chose on Day 3.
- Bonus** Share your 30 Day Challenge experience on YouTube, Twitter, Instagram, LinkedIn or a blog post.



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