



# Performance Testing



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- 1 Buy or download a performance testing related book and read it by day 30.
- 2 Listen to a performance testing podcast.
- 3 Find 5 performance testing experts to follow on Twitter.
- 4 Share a performance issue you've read in the news recently.
- 5 Arrange a meeting with your team to talk about your current approach to performance testing.
- 6 Think about who are the stakeholders for your performance testing.
- 7 Refresh your knowledge of the basics of web application architectures.
- 8 Find the top ten slowest API/Database transactions in your application.
- 9 Read a performance testing blog and share it with someone.
- 10 Explore the difference between *load* testing and *stress* testing.
- 11 Inspect and document the differences between your production database and your test database.
- 12 Design a performance test for your most visited site or called API.
- 13 Share a photo of your applications CPU utilisation on production.
- 14 Install an open source performance testing tool and familiarise yourself with it.
- 15 Watch and then share a video on performance testing.
- 16 Compare and contrast performance testing and monitoring.
- 17 Explore how easy it would be for you to create data for a 10,000 user performance test on your application.
- 18 Research Workload Models and share your findings.
- 19 Use a proxy tool to monitor the traffic from a web application.
- 20 Explore the difference between *causation* and *correlation*.
- 21 Share your favourite performance testing tool and why.
- 22 Try an online performance testing tool.
- 23 Calculate the basic statistics for your response time results.
- 24 Do you know what caused the last huge spike in your application's performance?
- 25 Share three benefits of monitoring your application in production.
- 26 Explore the differences between your test and production environments, could they impact performance tests?
- 27 How do you share your performance testing results with your team?
- 28 Design, draw and share your ideal performance dashboard.
- 29 Explore how Service Virtualization can assist with performance testing.
- 30 Share some potential challenges with performance testing in the mobile/IoT space.
- 31 Bonus! Checkout the PerfGuild conference lineup!

