

Performance testing

Performance Testing checks if the application response is within the range defined by the team in the non-functional requirements. Hence, ensure response parameters are included in the non-functional requirements.

Performance testing should capture metrics on an application to ensure that it works within acceptable parameters, including:

- 1) speed
- 2) response times
- 3) latencies
- 4) resource usage
- 5) reliability

When conducting performance testing, testers can use various performance testing tools to help design test cases, execute tests, and analyze test results. Common performance testing tools include but not limited to:

- 1) Apidog: is suitable for more comprehensive teams and businesses to perform comprehensive performance testing.
- 2) Apache JMeter: is suitable for agile teams to perform simple and quick performance testing.
- 3) LoadRunner: is suitable for large enterprise-level application performance testing and advanced load testing.

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