

Performance testing basics



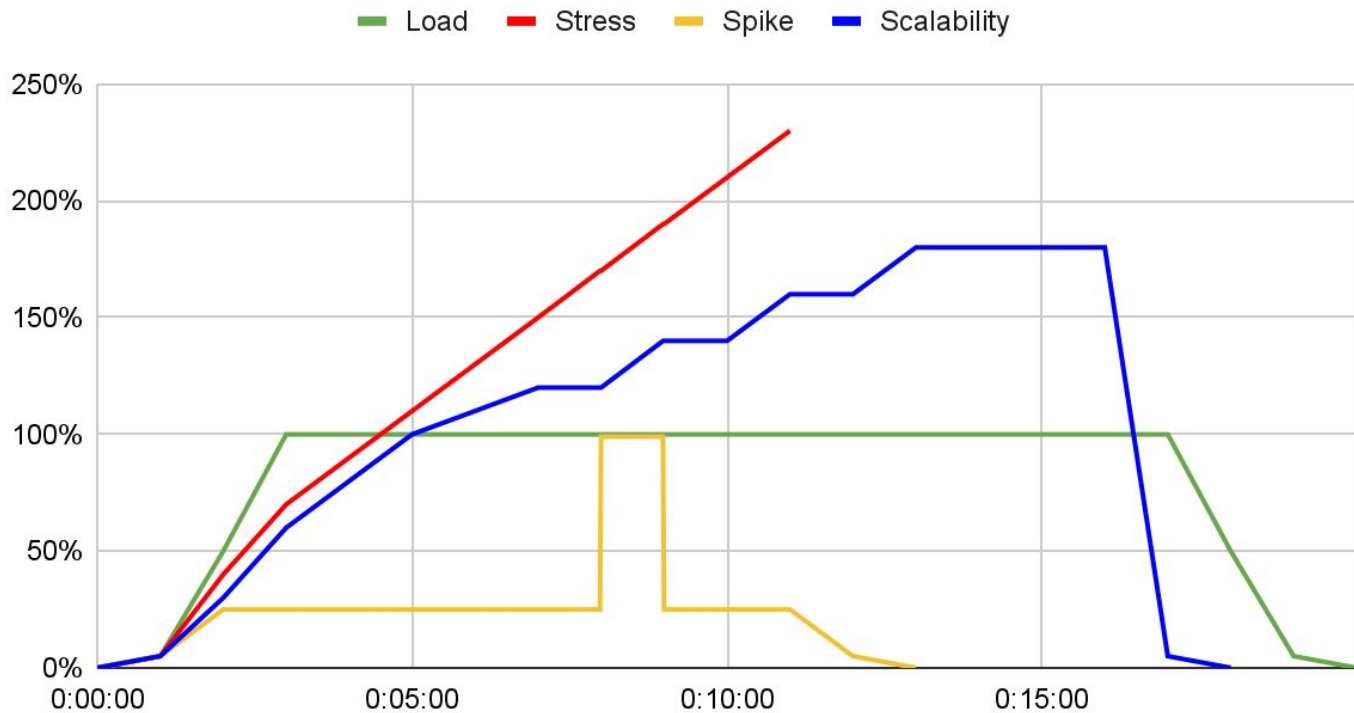


Remark

Terminology

Common Types

Load over time

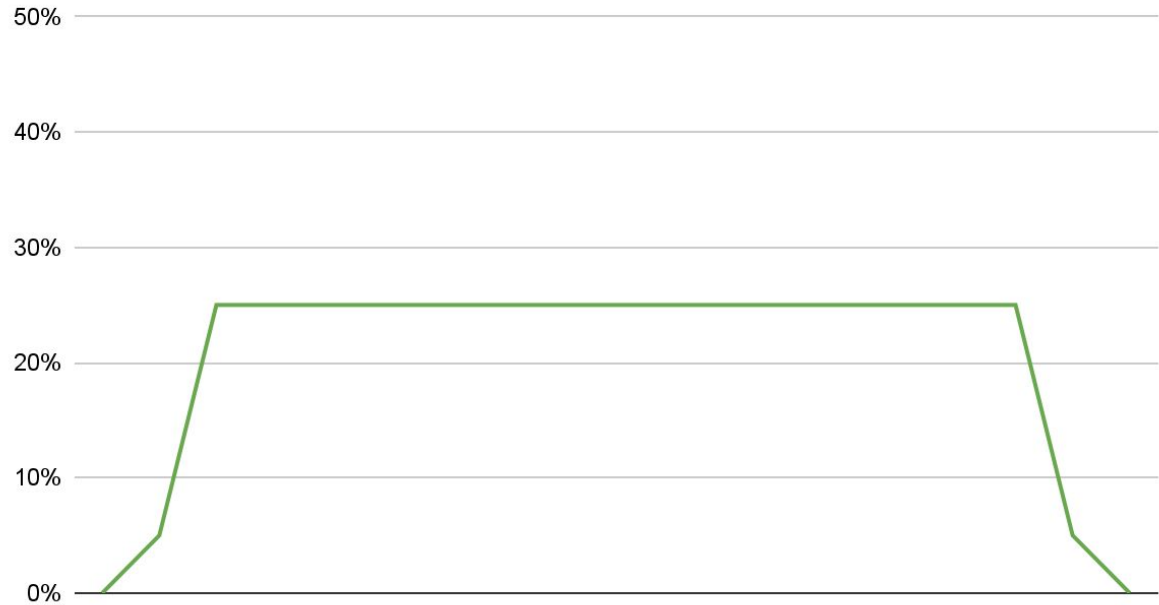


Endurance

Also Soak testing

Average system load over long time period

Test

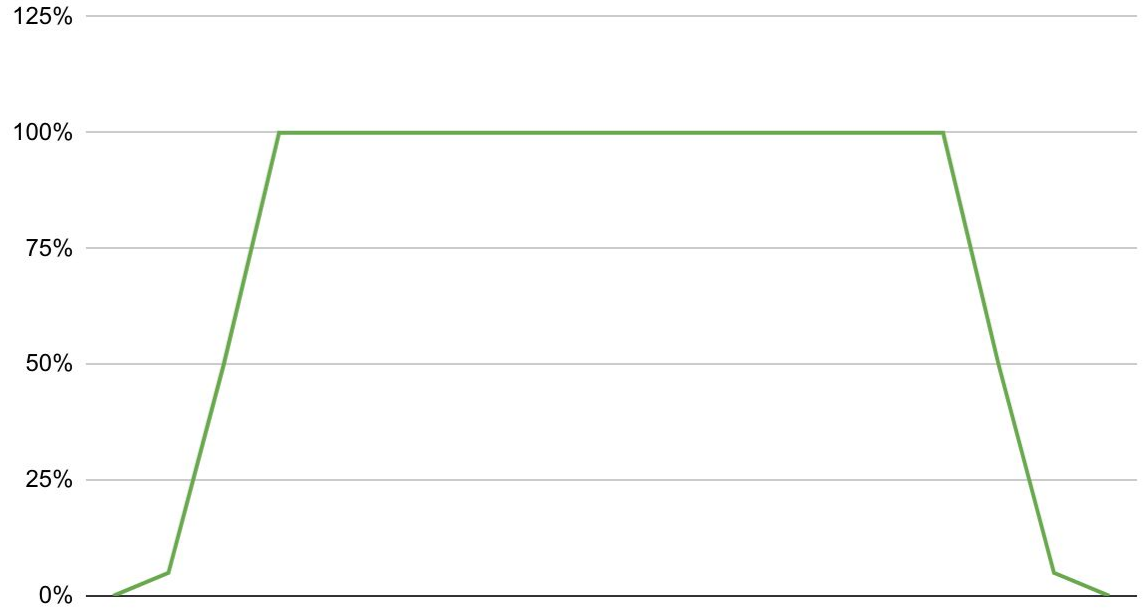


Chaos

Also Resilience testing

Load test + network or service
disruption

Test



Important facts

1. Test environment is the same as prod
2. No one is using test environment
3. 1 change at a time
4. 99th percentile, max time, amount of errors
5. Access to service metrics
6. Test-cases must be simple
7. Repeat the same test multiple times
8. Performance does not scale linearly
9. Need more than 1 test scenario

Combined

Load + functional

Chaos + functional

etc.



That's all Folks!