Load Test Plan

EXECUTIVE SUMMARY:

With the acquiring of CompanyB, CompanyA can expect an expanded user base and a rapid uptick in user interactions. This cycle of testing will validate our ability to handle the increased traffic and interactions. API Endpoints will be tested through sign-up and authentication, looking at increasing levels of concurrent requests.

SCOPE OF TESTING:

Testing will gradually increase intensity according to the user projections provided by CompanyB

• 5k concurrent requests with authenticated status

• 25k concurrent requests without authenticated status

• 30k concurrent requests with mixed authenticated/non-authenticated status

• 30k+ concurrent requests with mixed authenticated/non-authenticated status to evaluate stress

ASSUMPTIONS/RISKS:

No assumptions. The main risk is the increased traffic could throttle or crash CompanyA's existing system.

TOOLS:

Apache JMeter