Performance Testing
A Sample Task Schedule
The following schedule represents a first-time performance testing initiative carried out against a web application requiring performance tuning.

Week 1: PLANNING
- Define specific performance objectives based on requirements (load, volume, focused performance testing, etc.)
- Define priorities to fit the expected schedule
- Identify the user scenarios to be simulated
- Define how performance of the application unit test (AUT) will be measured by the test types and key performance indicators (KPIs) for each test / test script
- Define Environments (Test Environment and Load Generation)
- Define Test Execution Schedule

Week 2: CONFIGURATION
- Establish requirements for the test environment and secure dedicated access and permission to test
- Set up and configure test environment
- Set up and configure load generation infrastructure and access to test environment

Week 2-5: SCRIPT DEVELOPMENT
- Develop test scripts to simulate types of expected system loads
- Create / modify test data as required for the scripts
- Develop / coordinate a method of gathering results
- Debug scripts with single user execution runs

Week 6 & 7: TEST EXECUTION
- Coordinate infrastructure team to monitor test environment vitals
- Execute test scripts based on identified performance test types
- Evaluate test scenario results against performance targets
- Apply corrective measures and repeat
- Increase load gradually, repeat test script execution as needed to support tuning efforts
- Capture and document results of test execution; analyze

Week 8: REPORTING
- Draft and deliver report summarizing testing effort and results of test execution cycles

Come talk to us about how our growing team of Performance Testing Specialists can help with your performance testing needs
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