Appvance Method

Phase	Goal	Checkpoint
Planning	Answer the question: How will this test benefit the organization?	Write Test Plan document.
Definition	Identify use cases, test cases and scenario, and test environment (hardware, software and network)	Add the use cases, test cases and test scenario to the Test Plan.
Calibration Test	Calibrate the test cases to the test environment.	Identify the use cases driving the test environment to its maximum throughput (as measured in TPS from the client).
Optimize	Modify the service and / or test environment to optimize for the best performance based on what was learned in the Calibration Test.	Amend the Test Plan to add the changes for optimization.
Full Test	Run the *TestScenario*	Successful run of *TestScenario* .
Results Analysis	Identify test result metrics and trends against the *TestScenario* goals.	Present results and achieve adoption by management.

Here is a brief explanation of the terminology used in The Appvance Test Methodology

- Use Case – describes the functionality of a test. For instance, a test comparing XML parsing techniques includes two use cases: the first uses the Xerxes DOM parser and the second uses the JAXB XML binding compiler
- Test Case – describes the inputs to an individual test. For instance, for a test comparing service throughput at low and high levels for message payloads, define 2 test cases: the first makes requests to the service using an XML document of 500 bytes and the second sends XML documents of 10,000 bytes
- Test Scenario – the aggregate of all test and use cases to run a complete test

There is, however, an important distinction between this SOA test method and typical software testing.

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If you have any feedback on this topic, please contact us at documentation@appvance.ai

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