

## Process 9: A Test Execution Process

Step #	Step	Done?
1.	Based on risk prioritization, project constraints, and any other pertinent considerations, select the test suites (from the test set) that should be run in this test cycle.	<input type="checkbox"/>
2.	Assign the test cases in each test suite to testers for execution.	<input type="checkbox"/>
3.	Execute the test cases, report bugs, and capture information about the tests continuously, taking into account previous test results for each subsequent test.	<input type="checkbox"/>
3.A	Put the system under test and the test system into appropriate initial states. If this initial state is useful across multiple tests or multiple iterations of this test, save the initial states for subsequent re-use.	<input type="checkbox"/>
3.B	Through data inputs and other stimulus, provoke the system under test into a desired test condition.	<input type="checkbox"/>
3.C	Observe and evaluate the resulting outputs, behaviors, and states. Research any deviations from expected results.	<input type="checkbox"/>
3.D	If appropriate, report problems in the system under test.	<input type="checkbox"/>
3.E	If appropriate, report and/or resolve problems in the test system.	<input type="checkbox"/>
3.F	Capture and report information about the test just executed.	<input type="checkbox"/>
4.	Resolve blocking issues as they arise.	<input type="checkbox"/>
5.	Report status, adjust assignments, and reconsider plans and priorities daily.	<input type="checkbox"/>
6.	If appropriate, eliminate unrealizable or redundant tests in reverse-priority order (drop lowest priority tests first, highest priority tests last).	<input type="checkbox"/>
7.	Periodically report test cycle findings and status.	<input type="checkbox"/>

Step #	Step	Done?
8.	Check any status documents, initial states, updated testware or other test system elements, or other useful permanent records produced into the project library or configuration management system. Place the item(s) under change control.	<input type="checkbox"/>