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QUESTION 1

As a TAE you are evaluating a functional test automation tool that will be for several projects within your organization. The projects require that tool to work effectively and efficiently with SUT's in distributed environments. The test automated tool also needs to interface with other existing test tools (test management tool and defect tracking tool.) The existing test tools subject to planned updates and their interface to the test automated tool may not work properly after these updates.

Which of the following are the two LEAST important concerns related to the evaluation of the test automation in this scenario?

- A. Is the test automation tool able to launch processors and execute test cases on multiple machines in different environments?
- B. Does the test automation tool support a licensing scheme that allows accessing different sets?
- C. Does the test automation tool have a large feature set, but only part of the features will be sets?
- D. Do the release notes for the planned updates on existing specify the impacts on their interfaces to other tools?
- E. Does the test automation tool need to install specific libraries that could impact the SUT?

- A. A and C
- B. A and E
- C. B and E
- D. C and D

Correct Answer: C

QUESTION 2

A TAS uses a commercial test automation tool and the default logs generated by the inconsistent formats such as different types of messages (pass/fail steps, screenshots, warnings, etc.) To solve this issue some custom logging functions have been created from the test scripts, making it possible to log the different types of messages with the same format. However, this may cause a problem due to excessive size of the logs which can make it difficult to find the required information. Assume that all the default logs will be disabled when running the automated tests and that some tests will not generate excessively sized logs.

Which of the following represents the BEST suggestion for implementing the custom logging functions?

- A. Implement the custom logging functions without saving timestamps
- B. Implement the custom logging functions to support different levels of tracing
- C. Implement the custom logging functions without saving stack traces
- D. Implement the custom logging functions to redirect the logs to multiple files

Correct Answer: B

QUESTION 3

Consider a SUT that small run on multiple platform during the execution of automated test runs. In each test run an automated test suite needs to be executed, with the same version of the TAF, against the same version of the SUT of each platform. Each platform shall have its own dedicated test environment. Your goal is to implement a process as automated as possible (i.e with minimal manual intervention) that allows implementing a consistent setup of the TAS across the multiple test environments.

Which two of the following aspects are MOST relevant for achieving your goal in this scenario?

- A. The configuration of the TAS uses automated installation scripts
- B. The TAF saves the logs needed to debug errors in XML format
- C. Features of the TAF not used by the automated tests have been tested
- D. All the automated test cases contain the expected results
- E. The TAS components are under configuration management

- A. A and E
- B. B and C
- C. B and D
- D. A and D

Correct Answer: A

QUESTION 4

Consider a TAS that is going to be deployed for the first time. The TAS requires share resources and run it its own test environment. The infrastructure for the TAS has been created along with maintenance procedures. It is very unlikely the TAS will be required to work in other target environments. There is a high-risk that when the TAS is deployed in its own test environment, a number of existing application will no longer work because of conflicts with the existing shared resources.

Which of the following activities would you expect to be MOST effective at mitigating the risk associated with the first deployment of the TAS?

- A. Testing the TAS for application compatibility issues in the target environment
- B. Testing the TAS for its ability to be implemented in other target test environments.
- C. Testing the TAS for regressions due to optimization that fix non-functional issues.
- D. Testing the TAS for ITS ability to run a shared test environment

Correct Answer: B

QUESTION 5

Your goal is to verify completeness, consistency and correct behavior of an automated test suite. The TAS has been proven to successfully install in the SUT environment. All the preliminary checks to verify the correct functioning of the automated test environment and test tool configuration, installation and setup have successfully completed. Which of the following is NOT a relevant check for achieving your goal in this scenario?

- A. Checking whether all the test cases contain the expected results
- B. Checking whether the post condition have been fulfilled for all the test cases
- C. Checking whether the loading of the TAS is repeatable in the SUT environment
- D. Checking whether all the test cases produce repeatable outcomes

Correct Answer: D

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