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QUESTION 1

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 2

A project consists of distributed teams working in a 24-hour environment, where activities happen at all

hours of the day. This project adopts a CI (Continuous Integration) process when developer check-in code

and consists of automated activities that include generating a build and deploying it to a test environment.

Automated integration tests are run multiple times a day. The project have asked for a report containing

the automation test results for every build, which must be available 24/7 to the project team.

Which of the following would be the BEST way to automatically provides this report?

A. Store the execution results of the integration tests for the last build to a database (without overwriting the results from the previous builds), use this database to automatically update a dashboard containing the build history and test results accessible to the project team.

B. Store the execution result of the integration tests for the last build to a database (overwriting the results from the previous build), automatically create a test execution report for this build send It via e-mail to the project team

C. Store the execution results of the integration tests for the last build to a database (without overwriting the results from the previous builds). Automatically create a test execution report for this build and send it via e-mail to the project team

D. Store the code coverage results of the integration tests for the last build to a database (without overwriting the results from the previous builds). And automatically create a chart showing the trend in code coverage and send via email to the project team.

Correct Answer: A

QUESTION 3

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 property after these updates. Which of the following are the two LEAST important concerns related to the evaluation of the test automation in this scenario? Is the test automation tool able to launch processors and execute test cases on multiple machines in different environments? Does the test automation tool support a licensing scheme that allows accessing different sets? Does the test automation tool have a large feature set, but only part of the features will be sets? Do the release notes for the planned updates on existing specify the impacts on their interfaces to other tools? 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 4

You are executing the first test run of a test automation suite of 200 tests. All the relevant information related to the state of the SUT and to the automated test execution is stored in a small database. During the Automated test run you observe that the first 10 test pass, while an abnormal termination occurs when executing the 11th test. This test does not complete its execution and the overall execution of the suite is aborted. An immediate analysis of the abnormal termination is expected to be time consuming and you have been asked to produce a detailed report of the execution results for the first test run, as soon as possible. What is the MOST important FIRST step to be taken immediately after the abnormal occurred when executing the 11th test?

A. Re-run the test automation suite starting from the 12th test

B. Return the database to a consistent state that allows subsequent test to run

C. Take a backup of the database in its current state. So It can be analyzed later

D. Re-run the test automation suite starting from the 1st test.

Correct Answer: C

QUESTION 5

You are using a gTAA to create a TAS for a project. The TAS is aimed at automatically and executing test cases based on a use-case Modeling approaching that uses UML as a modeling language. All the interaction between TAS and SUT will only be at the API and GUI level. Which of the following components of the gTAA would you EXCLUDE from the TAS?

A. The test reporting component of the test execution layer.

B. The Test execution component of the test generation layer

C. The test execution (test engine of the test execution layer

D. The Command Line Interface (CLI) component of the test adaptation layer

Correct Answer: D