CTAL-TAE^{Q&As}

Certified Tester Advanced Level - Test Automation Engineer (CTAL-TAE)

Pass ISQI CTAL-TAE Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.passapply.com/ctal-tae.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by ISQI Official Exam Center

QUESTION 1

Assume that you are the TAE responsible for the correct functioning of a TAS, deployed in a test environment that consists of a few machines running the same version of the operating system. The TAS has been working and stable since its deployment, it has been used to run an automated test suite consisting of many similar automated test. The infrastructure team is planning to update the operating system on these machines by installing a new the service pack for security reasons. Since the vendor of the operating system assurance full backward compatibility, the infrastructure team assurance that there will be no impacts on the functioning of the TAS. What is the BEST approach to confirm the correct functioning of the TAS in this scenario?

A. Verify the behavior of the automated tests by running a small tests, then gradually run the remaining tests to confirm the correct functioning of the whole automated test suite.

B. Make sure that the infrastructure team has completed installing the service pack on the machines where SUT is running, then run the whole automated test suite to verify its behavior

C. Verify the behavior of the whole automated test suite by running all the automated tests

D. Do not run any tests because you can immediately confirm the correct functioning of the automated test suite

Correct Answer: D

QUESTION 2

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 3

Consider a TAS that uses a keyword-driven framework. The SUT is a web application and there is a large set of keywords available for writing the automated tests that relate to highly specific user actions linked directly to the GUI of the SUT. The automated test written with the keywords are statically analyzed by a custom tool which highlight\\'s repeated instances of identical sequence of keywords. The waiting mechanism implemented by the TAS for a webpage load is based on a synchronous sampling within a given timeout. The TAS allows checking a webpage load every seconds until a timeout value.

A. Changing the scripting approach to data-driven scripting

B. Implementing keywords with a higher level of granularity

C. Changing the wait mechanism to explicit hard-coded waits

D. Establishing an error recovery process for TAS and SUT

Correct Answer: B

QUESTION 4

Which of the following statements does NOT describe good practice for maintaining the TAS?

A. The TAS must run in the development environment because development and programming knowledge are required for its maintainability

B. The TAS must be under configuration management, along with the test suite, the testware artefacts and the test environment in which it runs

C. The TAS must separate the test scripts from the environment in which it runs and from the associated harnesses and artefacts

D. The TAS must consist of components that can be easily replaced without affecting the overall behavior of the TAS itself

Correct Answer: A

QUESTION 5

Consider A TAS for testing a desktop application via its GUI. All the test cases of the automated test suite contain the same identical sequences of steps at the beginning (to create the necessary objects when doing a preliminary configuration of the test environment and at the end (to remove everything created – specifically for the test itself during the preliminary configuration of the test environment). All automated test cases use the same set of assertion functions from a shared library, for verifying the values in the GUI fields (e.g text boxes).

What is the BEST recommendation for improving the TAS?

A. Implementing keywords with higher level of granularity

B. Improving the architecture of the application in order to improve its testability

C. Adopting a set of standard verification methods for use by all automated tests

D. Implementing standard setup and teardown functions at test case level

Correct Answer: A