



Free Questions for CT-TAE by dumpshq

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Question 1

Question Type: MultipleChoice

Your organisation has successfully implemented a Test Automaton Solution (TAS) for a new project which has since been delivered into production via a number of sprints. A series of maintenance releases are now planned.

Some improvements were made to the Test Automation Architecture (TAA) as a result of feedback from the early sprints. The TAA improvements affected the TA, and the TAS was changed for the final sprint.

The new version of the TAS was generally well received but some performance and usability issues were encountered with the TAS which have yet to be addressed.

The test automation engineers supporting the maintenance releases must decide whether to use the enhanced TAS or the version that was used successfully for previous sprints.

What is the BEST action to take next?

Options:

A- Perform an analysis of risks versus benefits for the enhanced TAS and then decide which version to use.

B- Use the previous version because this was proven to work. It will be too risky to use the new version, with unresolved issues, for a live system.

C- Use the new version because, despite some issues, it works, and the live system should not be tested using a different TAS.

D- Use the new version of the TAS for the first maintenance release on a trial basis. If issues are encountered, switch to the previous version for later releases until the issues are resolved.

Answer:

D

Question 2

Question Type: MultipleChoice

You are working as a TAE for a company who are re-designing their website. The new website provides information for customers and there are two minor features being developed:

- 1) Request a newsletter
- 2) Ability to contact the organisation with a question or comment

The website must be "mobile friendly" and available on all major web browsers.

You have been tasked to provide an automated solution for web browsers only and to concentrate on the two minor features.

What would be a KEY challenge with automation in this context?

Options:

- A- A low level of intrusion is likely from use of existing UI elements, but depending on the solution this might be more complex than a higher level of intrusion.
- B- Because there is a high level of intrusion there may be many false alarms.
- C- Automation might not be possible on the mobile devices.
- D- The benefits of automation might not be achieved for many years due to the complexities of the SUT and automation solution.

Answer:

D

Question 3

Question Type: MultipleChoice

You have implemented a keyword-driven scripting framework, which uses a test execution tool to run the tests. This has been in use for the past year and all of the teams now use this framework as the standard approach for test execution.

The teams all work on different aspects of the SUT and they have all experienced significant benefits in the use of this scripting framework. However, on closer examination, you have discovered that there are numerous instances where the teams have the same functionality to test but are using different keywords.

One of your objectives for improvement is to create consistency among the teams.

What is the BEST way to handle this situation?

Options:

- A-** Move to a model-based approach to scripting where the models include the keywords.
- B-** Do nothing, each team are working in isolation and they are all experiencing significant benefits in the way they are currently working.
- C-** Provide each team with a set of guidelines and naming conventions for keywords.
- D-** Create a central library of keywords and associated definitions for each team to use.

Answer:

D

Question 4

Question Type: MultipleChoice

You are implementing a TAS for a system that has been live for over three years, using a hybrid waterfall and agile lifecycle. Live updates are made on a monthly basis.

There is no test team, with developers designing and executing unit and integration tests with some degree of automation and business analysts designing and executing manual tests at the system level. No formal test process exists, although the system has proved relatively stable for most of the time.

Unfortunately, the last two monthly releases were problematic with regression defects found in production. Your priority is the automation of functional regression tests at the system level, the budget for this has been approved by project stakeholders.

The Business Analysts have identified which test cases are most suitable for regression. You must use the organisation's long standing commercial automation tool which has passed a proof of concept in the platform for the system in question.

Which of the following suitability criteria needs the MOST attention for the TAS?

Options:

- A- Technical planning in support of ROI analysis
- B- Frequency of use.
- C- Compatibility and tool support
- D- Maturity of the test process

Answer:

C

Question 5

Question Type: MultipleChoice

When is the BEST time for automation to consider legal and/or standard requirements for a SUT?

Options:

- A- When implementing the SUT
- B- When designing a TAF
- C- When designing a TAA
- D- When developing a TAS

Answer:

A

Question 6

Question Type: MultipleChoice

Your company is new to test automation and as TAE. you have designed a TAS which successfully supports the SUT for the current project.

There are other systems currently in operation which have been tested manually and more systems are planned over the coming years. Based on this success, your company requires test automation be rolled out to other current and future SUTs with consistency being a key objective.

Which of the following is the BEST way to achieve that?

Options:

- A-** Design a new TAS for each SUT, and manage each one through a dedicated automation support team.
- B-** Install the current TAS into a central repository so that other tests on different SUTs use the same version of the TAS.
- C-** Check for correct connectivity to internal and external systems to ensure that the TAS has been installed and configured correctly for each SUT.
- D-** Develop a tool that keeps track of automation failures across the different SUTs and produces regular reports to stakeholders.

Answer:

B

Question 7

Question Type: MultipleChoice

You have inherited a TAS that is working well it uses keyword-driven scripting and was well architected. The automation architect who built the system has now moved on to another company. The TAS is working across several projects and has a multiple library of keywords, categorised by project. The individual project teams maintain these keyword scripts.

Based only on the given information, what is the MOST significant risk for the TAS?

Options:

- A- The keyword driven scripts may become out of date if not maintained
- B- The level of abstraction, coupled with the departure of the architect may make the system hard to maintain
- C- New projects may not work as well with the TAS as the current projects
- D- Because the keyword scripts are maintained by different teams, there is a likelihood that good coding standards are not followed

Answer:

B

Question 8

Question Type: MultipleChoice

Which of the following CORRECTLY describes how automation SHOULD be applied to confirmation testing?

Options:

- A-** Confirmation tests are not good candidates for automation as they are not designed to run many times
- B-** Confirmation tests should only be automated if they fail to pass on the first attempt
- C-** Confirmation tests can be automated and incorporated into an automated regression suite to show whether defects that were previously fixed reoccur
- D-** A confirmation test should only be automated after it has been run manually

Answer:

C

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