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Vendor:Microsoft

Exam Code:70-497

Exam Name:Software Testing with Visual Studio

Version:Demo

QUESTION 1

You plan to conduct a manual test for an ASP.NET website by using Microsoft Test Manager (MTM). You create a test plan named Calculate_Margin by using Testing Center in MTM.

You need to link all the test cases that belong to the Calculate_Margin test plan with new requirements that are stored as work items in Team Foundation Server 2012.

What should you do?

- A. In the Links section of the test plan, click Add link to associate the requirements document.
- B. Associate the requirements document with the test plan by name, then add a link by using the area path relevant to the requirements being tested.
- C. Create the test cases within the test plan by using a Test Suite, then associate the new requirements by adding them as attachments to the test cases.
- D. Click Add requirements from the Contents menu of the test plan and associate the new requirements.

Correct Answer: D

Add an existing requirement to your test plan To add an existing requirement to your test plan

1.

Open Microsoft Test Manager.

2.

From the Testing Center, click Plan and then click Contents. The Contents pane is displayed.

3.

To add a requirement to your test plan, select the location where you want to place it in the test suite hierarchy and then click Add requirements. The Add existing requirements to this test plan dialog box is displayed.

4.

Select any requirements that you want to add to the test plan, and then click Add requirements to this test plan.

Reference: How to: Add Requirements or User Stories to Your Test Plan

QUESTION 2

You are using Microsoft Test Manager (MTM). You are using the Microsoft Visual Studio Scrum 1.0 process template.

You are developing a test from an engineering document that has detailed verification information.

You need to ensure that the document is directly accessible whenever a tester runs a specific step.

What are two possible ways to accomplish this goal? (Each correct answer presents a complete solution. Choose two.)

- A. Add a test step attachment.

- B. Add a test case attachment.
- C. Add a tested backlog items link.
- D. Add a test case link.

Correct Answer: AB

B: Adding Details, Attachments, or Hyperlinks to a Test Case You can add information to a test case that provides more information to implement the test case.

You add details to test cases in the following ways:

*

In the Description or History field, type information.

*

Attach a file.

For example, you can attach an e-mail thread, a document, an image, a log file, or another type of file.

*

Add a hyperlink to Web site or to a file that is stored on a server or Web site.

QUESTION 3

You are using Microsoft Test Manager (MTM).

Your company no longer supports a particular configuration for the application under test.

You need to ensure that the test configuration is unavailable as an option in a test plan.

Which state should you assign to the test configuration?

- A. Closed
- B. Inactive
- C. Disabled
- D. Idle

Correct Answer: B

When you have completed the tests in a test plan, set its state to Inactive. This prevents more tests from being run in this plan, but still allows the results of existing runs to be viewed. When the results are no longer required you can delete the test plan.

QUESTION 4

You run a manual test on an application by using Microsoft Test Manager (MTM). You have the following testing requirements:

Collect the diagnostic data from the local machine.

Collect the diagnostic data from a remote SQL Server.

You need to identify the components required to configure the test environment to comply with these requirements.

Which two components should you choose? (Each correct answer presents part of the solution. Choose two.)

A.

Configuration variables

B.

Data collectors

C.

Local and remote roles

D.

Build controller

Correct Answer: BC

QUESTION 5

You are using Microsoft Test Manager (MTM).

You have been assigned to work on a test case for an application that is still in development.

There have been changes to the test case.

You need to know what changes have been made.

What should you do?

A. Open the test case work item, click on Links, then view links of the linked type Versioned Item.

B. View the automatic collected change document on the Attachments tab.

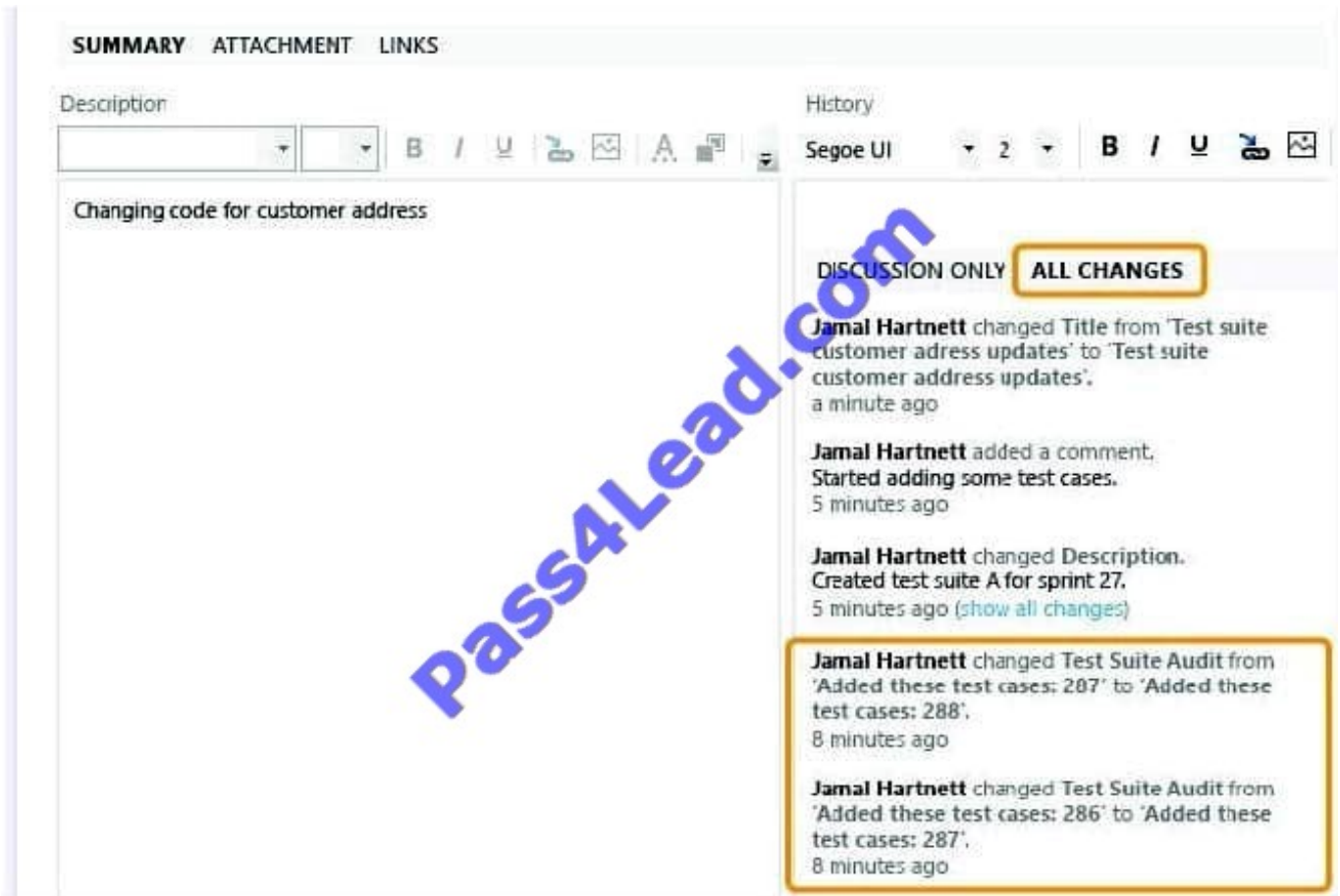
C. Open the test case work item, click the Summary tab, and click All changes.

D. Add a link to a test change document from the test plan properties.

Correct Answer: C

Q: Can I get an audit trail for test plans and test suites?

A: Yes. With TFS 2013.3, work item history tracks changes to test plans and test suites. For example, adding tests to a test suite or changing configurations are tracked. In the work item form, under History, choose ALL CHANGES to view the audit trail.



Reference: Plan Manual Tests using Team Web Access

QUESTION 6

You are a test developer using Microsoft Test Manager (MTM).

You are editing a test suite in a plan for a product.

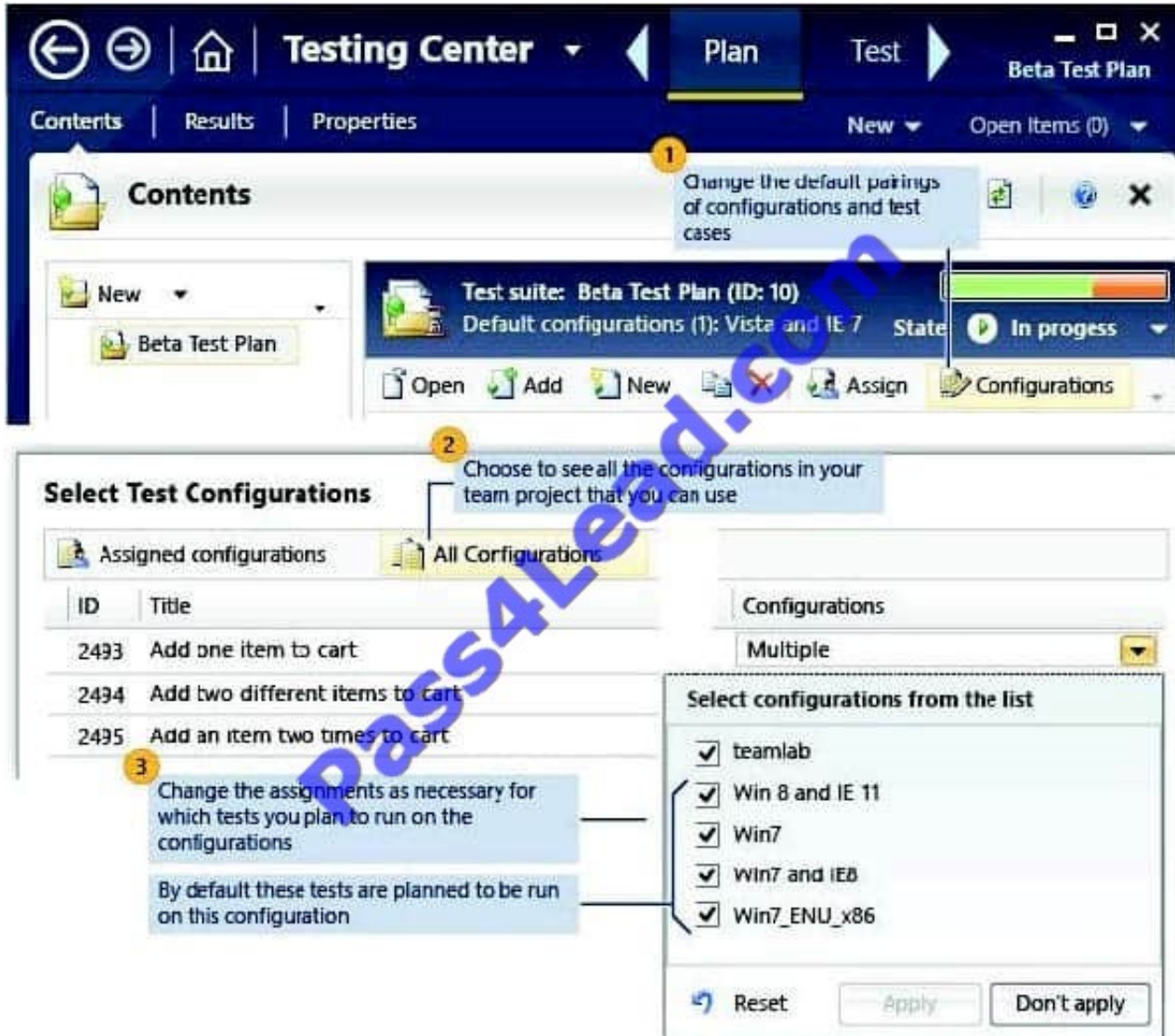
You need to change the default configuration setting for the test suite.

What should you do?

- A. For the selected test suite, assign a new configuration by choosing select the configuration for all tests.
- B. Change the state on the configuration to Active with add description as Default.
- C. Select the required configuration by choosing Select Test Configurations for all tests for the plan that needs editing.
- D. Check the Assign to new test plans check box in the Test Configuration pane.

Correct Answer: C

Update Configurations for Specific Test Cases You can update the default assignments of test configurations to test cases in each suite. You can remove pairings that you do not want to test and add other combinations. This gives you the flexibility to specify in your plan only those pairings of configurations and test cases that you really want to test as shown in the following illustration.



Reference: Creating and Defining a Test Plan

QUESTION 7

You are using Microsoft Test Manager (MTM) to track bugs that have been found during testing.

You need to verify a bug by re-running the test case associated with the bug.

Which actions should you perform? (To answer, move the five appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

Select and Place:

	Answer Area
Select the Assigned Bugs activity.	
Click Run test .	
Select the bug with an associated test result.	
Select the Verify Bug Tests view.	
Navigate to the Testing Center.	
Select the Verify Bugs view.	
Select the Test activity.	
Click Verify .	

Correct Answer:

	Answer Area
Select the Assigned Bugs activity.	Navigate to the Testing Center.
Click Run test .	Select the Test activity.
	Select the Verify Bugs view.
Select the Verify Bug Tests view.	Select the bug with an associated test result.
	Click Verify .

Note:

To verify that a bug is fixed

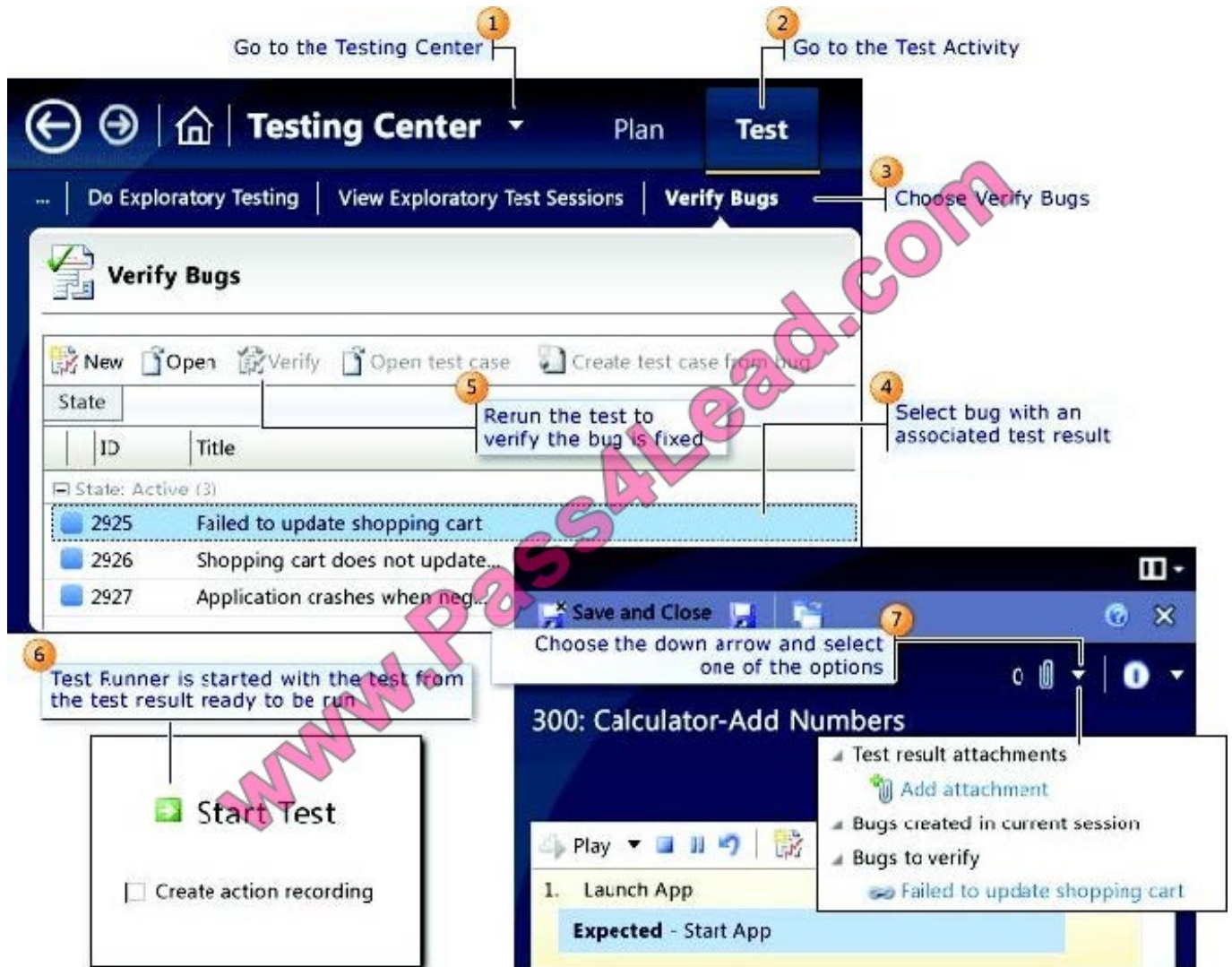
1. Open Microsoft Test Manager.
2. To run the test, choose the down-arrow on the center group switcher and then choose Testing Center.
3. On the center group menu bar, choose Test.
4. To view the bugs assigned to you, choose Verify Bugs.

The Verify Bugs view is displayed. It lists all the bugs that are currently assigned to you.

5. (Optional) To view the bugs that you created, choose Created by me.

6. Select the bug that you want to verify, and then choose Verify.

Finally choose Start test to rerun this test.



Reference: How to: Verify a Bug is Fixed Using Microsoft Test Manager

QUESTION 8

You are using Microsoft Test Manager (MTM). You are using the Microsoft Visual Studio Scrum 1.0 process template.

You need to generate a list of product backlog items (PBI) in MTM that have zero test cases.

What should you do?

- A. Open each PBI and visually inspect the work item links.
- B. Create a requirements-based test suite.
- C. Click Requirements coverage in the Results view.

D. Create a Direct Links query.

Correct Answer: D

Direct links query: Returns work items and any work items that are linked to these items

QUESTION 9

You are part of a test team that uses Microsoft Test Manager (MTM) on a project. The project uses the Microsoft Visual Studio Scrum 2013 process template.

Your test team constantly adds new test cases.

You need to create a test suite that automatically includes all test cases related to the Accounting section of the application.

What should you do?

- A. Create a requirements-based test suite that includes all requirements with an Area Path of Accounting.
- B. Create a query-based test suite that selects all test cases with an Area Path of Accounting.
- C. Create a static suite that includes all test cases, and use the Filter option to only show accounting-related test cases.
- D. Create a new query for all test cases with an Area Path of Accounting, and then copy the resulting test cases into a new test suite.

Correct Answer: A

Requirements-based suites are derived from Product Backlog Items, User Stories, or other requirements. The suite contains all the test cases that are linked to its requirement. This type helps you track how well each requirement has been tested.

Note: By using Microsoft Test Manager, you can organize test cases into a hierarchy of test suites inside test plans. You can run all of the test cases in a suite one after another, and you can set the state of a suite to indicate whether it is planned, in progress, or completed.

Reference: [Organizing Test Cases Using Test Suites](#)

QUESTION 10

Your team uses Microsoft Test Manager (MTM) to manage test cases. Your team organizes test cases so that the same test case can be associated with multiple test suites.

You plan to create a test case and associate it to two different static test suites named Test Suite 1 and Test Suite 2.

You need to ensure that the test suites reference the same version of the new test case.

Which two actions should you perform? Each correct answer presents part of the solution.

- A. Drag the test case from Test Suite 1 into Test Suite 2.
- B. Create the test case inside Test Suite 1.

C. Copy the test case from Test Suite 1, and paste it onto Test Suite 2.

D. Right-click on the test case, and select Create a copy and add to test suite.

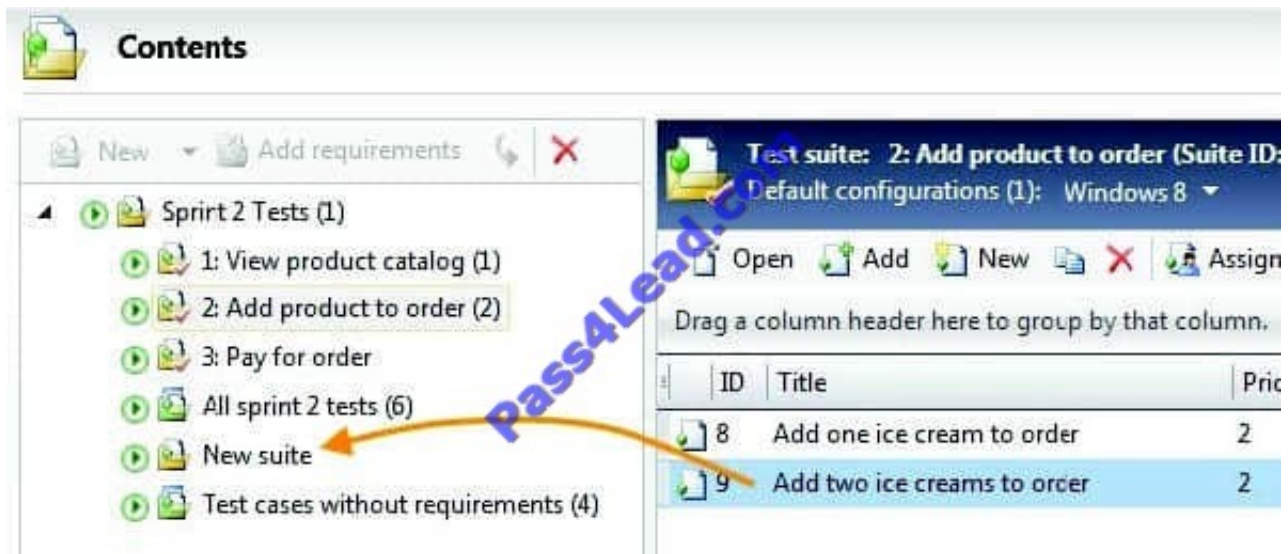
Correct Answer: BC

1.

Add a manual test case to your test plan.

2.

Drag test cases from one suite to another, or cut and paste.



CTRL + drag or copy and paste to make the same test case appear in more than one suite. These operations don't affect the test case itself. Suites contain links to test cases, and it's the links that you're moving or copying.

Reference: Plan manual tests with Microsoft Test Manager <http://msdn.microsoft.com/en-us/library/dd286659.aspx>

QUESTION 11

You are using Microsoft Test Manager (MTM) to run manual tests.

Testers reported a bug during a test run on the V1.0 build. A build for V2.0 has been created.

Testers are still running tests against the V1.0 build.

You need to verify that the bug has been fixed in build V2.0.

What should you do?

A. Change the default build for the test plan to V2.0 and run the test case.

B. Run the test case with default settings; the latest build will be selected automatically.

C. Change the build to V2.0 by using Run with options and run the test case.

D. Change the build property for the test case to the V2.0 build and run the test case.

Correct Answer: C

When we want to use the test settings we either assign it to the test plan or choose the test setting when we start a test run by selecting Run Options



QUESTION 12

You are using Microsoft Test Manager (MTM) for manual test runs.

You are creating an action recording but some of the recorded actions were not part of the intended steps.

You need to remove only the unwanted actions from the current action recording.

What should you do?

- A. Open the test results and save the action log. Edit the action log to remove the unwanted actions. Import the file as an attachment, overwriting the initial action log.
- B. Reset the test case inside the test runner and create a new action log.
- C. Delete the unwanted actions from the captured actions inside the test runner.
- D. Open the test results and edit the action log to remove the unwanted actions.

Correct Answer: C

Open the editing panel at the bottom of test runner. You can delete actions there:

The screenshot shows a software interface with a dark blue header. Below the header, there is a list of recorded actions. The first action is "Click 'Weather' link". Below it, there are two more actions: "Type 'on...' in search for a location text box" and "Type '(Enter)' in search for a location text box". A dialog box is overlaid on the interface, titled "Delete recorded actions:", with a close button (X) on the left and a "Del" button on the right. At the bottom left of the interface, there is a status bar that says "Action recording available 00:08:03". A small icon of a person is next to the status bar. On the right side of the interface, there is a vertical toolbar with several icons, including a downward-pointing arrow icon that is highlighted with a yellow square.

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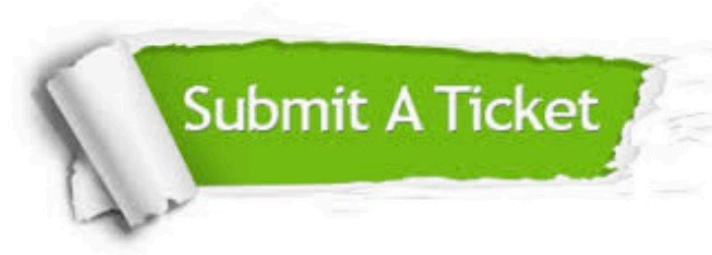
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