

Microsoft

Exam 70-497

Software Testing with Visual Studio 2012

Verson: Demo

[Total Questions: 10]

Question No : 1 DRAG DROP

You are using Microsoft Test Manager (MTM).

Your company would like to support the Windows Server 2008 operating system for the application being tested.

You need to add Windows Server 2008 as a new value to the operating system configuration variable.

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

The screenshot shows a list of five actions on the left side of the interface:

- Click **Save configuration variables**.
- Select the **Operating system configuration** variable.
- Select the appropriate test configuration.
- Type **Windows Server 2008** in the Allowed values option.
- Click **Manage Configuration Variables**.

On the right side, there is a section labeled "Answer Area" which is currently empty.

Answer:

The screenshot shows the same list of actions on the left, but four of them have been moved to the "Answer Area" on the right. The actions in the "Answer Area" are:

- Click **Manage Configuration Variables**.
- Select the **Operating system configuration** variable.
- Type **Windows Server 2008** in the Allowed values option.
- Click **Save configuration variables**.

The actions "Click Save configuration variables." and "Select the appropriate test configuration." remain in the list on the left. The actions in the "Answer Area" are enclosed in a red dashed box, while the actions in the list on the left are enclosed in a green dashed box.

Explanation:

Box 1: Click Manage Configuration Variables

Box 2: Select the Operating system configuration variable.

Box 3: Type Windows Server 2008 in the Allowed values option.

Box 4: Click Save configuration variables.

Note:

To update the existing configuration variable for a test plan

✍ Open Microsoft Test Manager.

To display the Microsoft Test Manager window, click Start, and then click All Programs. Point to Microsoft Visual Studio 2010 and then click Microsoft Test Manager 2010.

✍ To display the Test Configuration Manager window, follow these steps:

The Contents pane is displayed.

✍ uk.co.certification.simulator.questionpool.PList@505f3510

The **Default configurations for new test cases** dialog box is displayed.

✍ uk.co.certification.simulator.questionpool.PList@505f3640

– or –

From the **Testing Center**, click **Organize** and then click **Test Configuration Manager**.

The **Test Configuration Manager** pane is displayed.

✍ Select the configuration that has the configuration variable that you want to update.

✍ Click Manage configuration variable.

The **Manage Configuration Variables** box is displayed.

✍ On the left pane, select the variable that you want to update.

✍ A list of allowed values for the selected variable is displayed on the right side pane.

✍ From the list of the allowed values, select the value that you want to update.

✍ Type the new value.

✍ Click Save configuration variables.

Question No : 2

You are using Microsoft Test Manager (MTM). You are using the Microsoft Solution Framework (MSF) for Agile Software Development process template. Your team has all required permissions to run the reports on the SharePoint project portal.

You need to track the progress on resolving bugs by your team for the past week.

Which Excel report should you run?

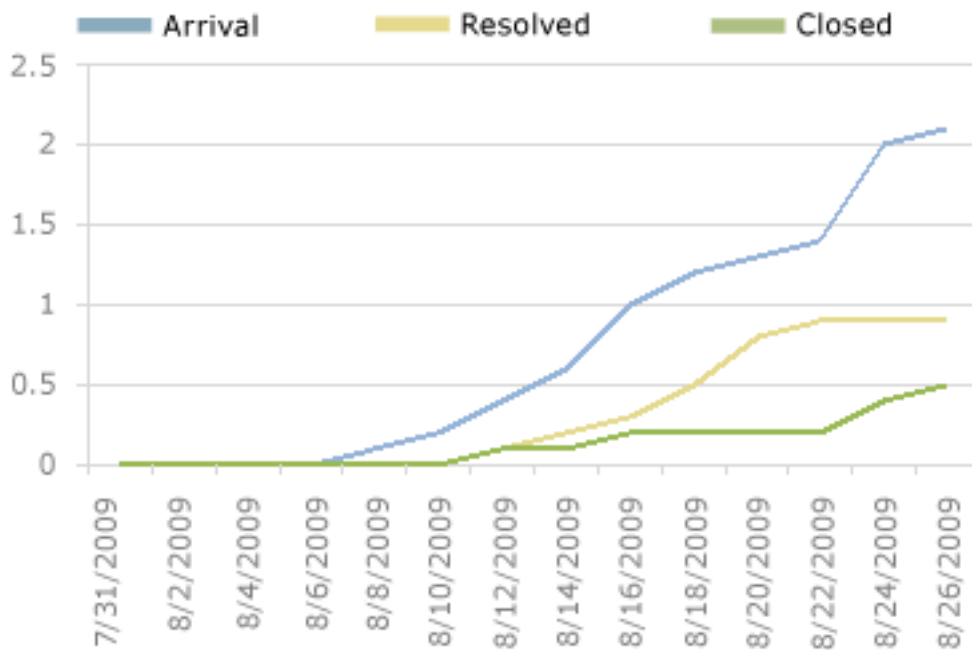
- A. Bug Trends
- B. Bugs by Assignment
- C. Run the Team Trend report.
- D. Bug Progress

Answer: A

Explanation: You can use the Bug Trends report in Office Excel to track the rate at which the team is discovering, resolving, and closing Bugs. This report shows a moving average of Bugs that the team has discovered and resolved over time.

Example:

7-Day Bug Trend Rates



Question No : 3 DRAG DROP

Your team uses the Microsoft Visual Studio Scrum process template for a project. Your team uses the Area to filter by Function, with subcategories pertinent to those functions.

Your stakeholders want to be able to view requirements and quality reports by specific department.

You need to modify the Test Case Readiness report to add a filter so that the report can be filtered appropriately.

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

Actions	Answer Area
Modify the Test Case Readiness report by using Report Builder.	
Add the field from dsDepartment as a report filter to the Test Case Readiness report.	
Repurpose the existing Business Value column to be used as the Department Requested By column.	
Add a list of departments to the Allowed Values for the field.	
Add a new dataset named dsDepartment to the report that contains the custom field.	
Add the field dsDepartment to the body of the report.	
Modify WIT for Product Backlog Item to add a Department Requested field.	

Answer:

Actions	Answer Area
Modify the Test Case Readiness report by using Report Builder.	Modify the Test Case Readiness report by using Report Builder.
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Explanation:

Modify the Test Case Readiness report by using Report Builder.

Add the field from dsDepartment as a report filter to the Test Case Readiness report.

Repurpose the existing Business Value column to be used as the Department Requested By column.

Add a list of departments to the Allowed Values for the field.

Add a new dataset named dsDepartment to the report that contains the custom field.

C:\Users\Kamran\Desktop\image - Copy.jpg

Question No : 4 DRAG DROP

Your team uses Microsoft Test Manager to manage test cases. You are testing an ASP.NET MVC web application hosted on one of your internal servers, which is named WebSrv1. Your application connects to a SQL Server database hosted on a server named DBSrv1.

You want to configure your test plan so that it collects diagnostic data from your test machine and all servers used by your application.

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

Actions	Answer Area
Under the Roles tab of your Settings dialog, select Local, Web Server, and Database Server.	
In the Properties of your test plan, select the <New...> option under Test settings.	
Under the Roles tab of your Settings dialog box, select Web Server and Database Server.	
Create a Lab Environment with a machine role configured for your web server and database server.	
Create a Lab Environment with a machine role configured for your local test machine, the web server, and the database server.	
Under the Data and Diagnostics tab of your Settings dialog, select the data that you want to collect for each role.	

Answer:

Actions	Answer Area
Under the Roles tab of your Settings dialog, select Local, Web Server, and Database Server.	Create a Lab Environment with a machine role configured for your local test machine, the web server, and the database server.
In the Properties of your test plan, select the <New...> option under Test settings.	In the Properties of your test plan, select the <New...> option under Test settings.
Under the Roles tab of your Settings dialog box, select Web Server and Database Server.	
Create a Lab Environment with a machine role configured for your web server and database server.	Under the Roles tab of your Settings dialog, select Local, Web Server, and Database Server.
Create a Lab Environment with a machine role configured for your local test machine, the web server, and the database server.	
Under the Data and Diagnostics tab of your Settings dialog, select the data that you want to collect for each role.	Under the Data and Diagnostics tab of your Settings dialog, select the data that you want to collect for each role.

Explanation:

Box 1:

Create a Lab Environment with a machine role configured for your local test machine, the web server, and the database server.

Box 2:

In the Properties of your test plan, select the <New...> option under Test settings.

Box 3:

Under the Roles tab of your Settings dialog select Local, Web Server, and Database Server.

Box 4:

Under the Data and Diagnostics tab of your Settings dialog, select the data that you want to collect for each role.

Question No : 5

You are using Microsoft Test Manager (MTM).

A test case is already in production.

You need to modify the test case to indicate it is being reworked.

What should you do?

- A. Change the test case state to Design.
- B. Change the test case to Blocked.
- C. Change the test case state to Closed.
- D. Change the test plan state to Inactive.

Answer: A

Explanation: No test cases are ready to be run.

When all test cases remain in a design state for a long time, some issue is blocking progress. You might want to investigate the cause of the blockage.

Note: Update the state of each test case as it progresses from Design to Ready to Closed.

Question No : 6

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.

Answer: B

Explanation: [http://msdn.microsoft.com/en-us/library/vstudio/dd286738\(v=vs.110\).aspx](http://msdn.microsoft.com/en-us/library/vstudio/dd286738(v=vs.110).aspx)

Reference: Organizing Test Cases Using Test Suites

Question No : 7 DRAG DROP

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

You are editing a test plan for a product.

You need to supply a new custom configuration variable in the configuration setting for one of the test cases.

In which order should you perform the actions in MTM? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Select the specific test case in the Test Plan Details pane, and click Configurations in the Test Plan Details pane toolbar.	
Modify the test plan configuration by clicking the appropriate configuration.	
Add a new configuration variable by clicking Manage Configuration Variables from the Test Configuration Manager pane.	
Create a new test configuration by using the Configuration Manager page.	

Answer:

Actions	Answer Area
Select the specific test case in the Test Plan Details pane, and click Configurations in the Test Plan Details pane toolbar.	Add a new configuration variable by clicking Manage Configuration Variables from the Test Configuration Manager pane.
Modify the test plan configuration by clicking the appropriate configuration.	Create a new test configuration by using the Configuration Manager page.
Add a new configuration variable by clicking Manage Configuration Variables from the Test Configuration Manager pane.	Modify the test plan configuration by clicking the appropriate configuration.
Create a new test configuration by using the Configuration Manager page.	Select the specific test case in the Test Plan Details pane, and click Configurations in the Test Plan Details pane toolbar.

Explanation:

Box 1:

Add a new configuration variable by clicking Manage Configuration Variables from the Test Configuration Manager pane.

Box 2:

Create a new test configuration by using the Configuration Manager page.

Box 3:

Modify the test plan configuration by clicking the appropriate configuration.

Box 4:

Select the specific test case in the Test Plan Details pane, and click Configurations in the Test Plan Details pane toolbar.

<http://msdn.microsoft.com/en-us/library/dd286643.aspx>

Question No : 8 DRAG DROP

You are using Microsoft Test Manager (MTM) to manage customer service bug reports.

A customer has reported a problem and provided documentation of the steps to reproduce the problem.

You need to use exploratory testing to create a bug and associate the bug to a new test case.

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

	Answer Area
From the test case, use the Save and create bug option to create and associate a bug to the test case.	
Add a title and, optionally, edit the new bug.	
Start an exploratory test session and perform the steps to reproduce the bug.	
From the bug, use the Save and create test option to create the test case.	
From the exploratory test window, create a test case.	
From the exploratory test window, create a bug.	
Add a title and, optionally, edit the new test case.	

Answer:

	Answer Area
From the test case, use the Save and create bug option to create and associate a bug to the test case.	Start an exploratory test session and perform the steps to reproduce the bug.
Add a title and, optionally, edit the new bug.	From the exploratory test window, create a bug.
Start an exploratory test session and perform the steps to reproduce the bug.	Add a title and, optionally, edit the new bug.
From the bug, use the Save and create test option to create the test case.	From the bug, use the Save and create test option to create the test case.
From the exploratory test window, create a test case.	Add a title and, optionally, edit the new test case.
From the exploratory test window, create a bug.	
Add a title and, optionally, edit the new test case.	

Explanation:

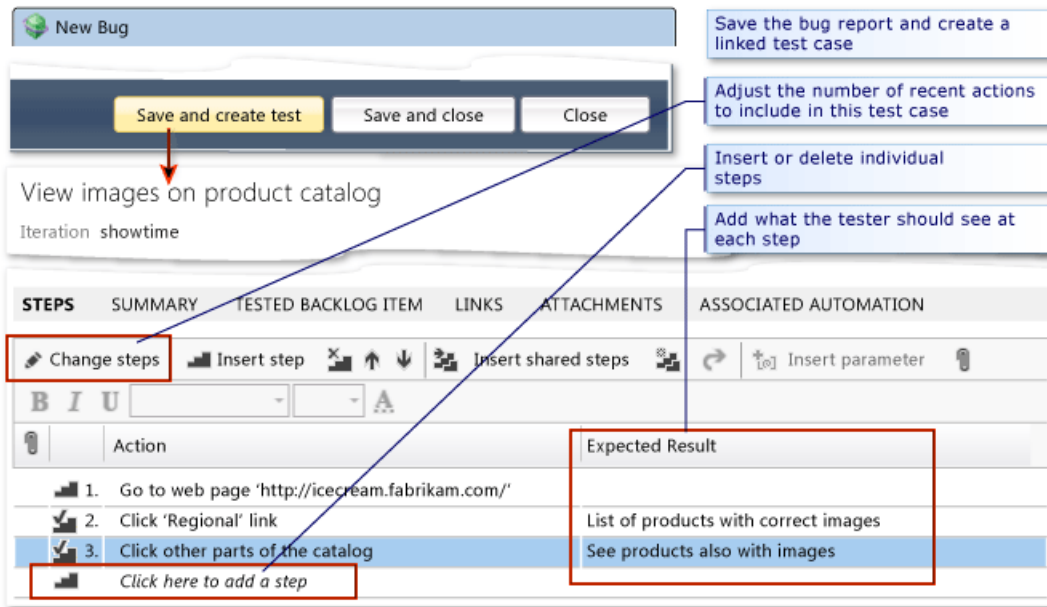
Box 1: Start an exploratory test session and perform the steps to reproduce the bug. In the Exploratory Testing window, choose **Start**.

Run the application and explore its features. For example, open a web browser and log in to your website.

Box 2: From the exploratory test window, create a bug.

When you find flaws in the application, choose **Create bug**.

Box 3: Add a title, optionally, edit the new bug.



Box 4: From the bug, use the Save and create test option to create the test case.

Box 5: Add a title and, optionally, edit the new test case.

Question No : 9

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

You have copied a test case that has five parameters.

You need to change the parameter names in the new test case and keep the parameter values intact.

What should you do?

- A. For each parameter, click Rename parameter in the Parameter Values pane.
- B. Replace the existing parameters with new, renamed parameters.
- C. Edit each test step and rename the parameters.
- D. Copy and paste the data values from the old parameters into new parameters.

Answer: A

Explanation: To rename a parameter, choose the parameter in one of the rows in

Parameter Values and then choose Rename parameter.

The Rename parameter dialog box is displayed. You can then change the name of your parameter throughout your shared steps.

Reference: How to: Add Parameters to Shared Steps

Question No : 10

You are using Microsoft Test Manager (MTM) to manage your testing efforts.

You plan to use the Recommended tests feature to assist in identifying tests to run against a Windows Presentation Foundation rich client application. When you select a new build, no recommended tests are displayed.

You need to configure the data collectors to enable the feature.

Which data collector should you configure?

- A. Action Log
- B. Test Impact
- C. IntelliTrace
- D. ASP.NET Client Proxy for IntelliTrace and Test Impact

Answer: B

Explanation: To find the recommended tests, you must first run your manual tests using Test Runner or run your automated tests. When you run these tests, you have to use test settings that collect the test impact data. This test impact data contains information about which methods are called when you run your tests.

Reference: Visual Studio 2013, Which tests should be run since a previous build