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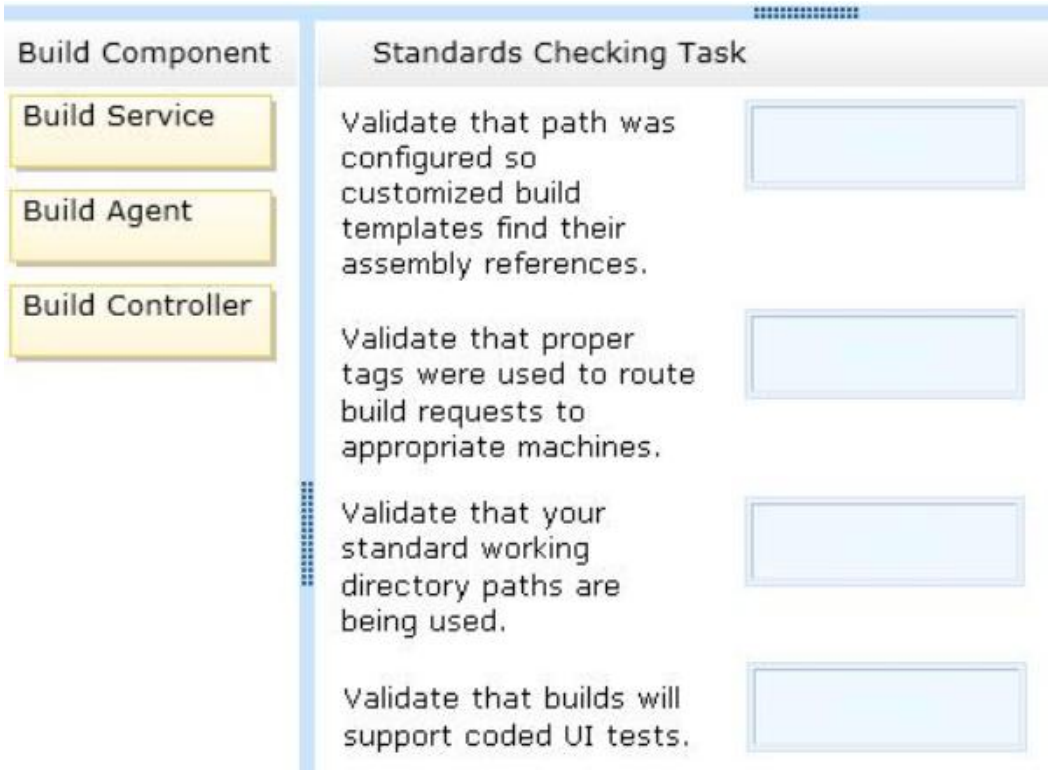
Microsoft

70-499 PRACTICE EXAM

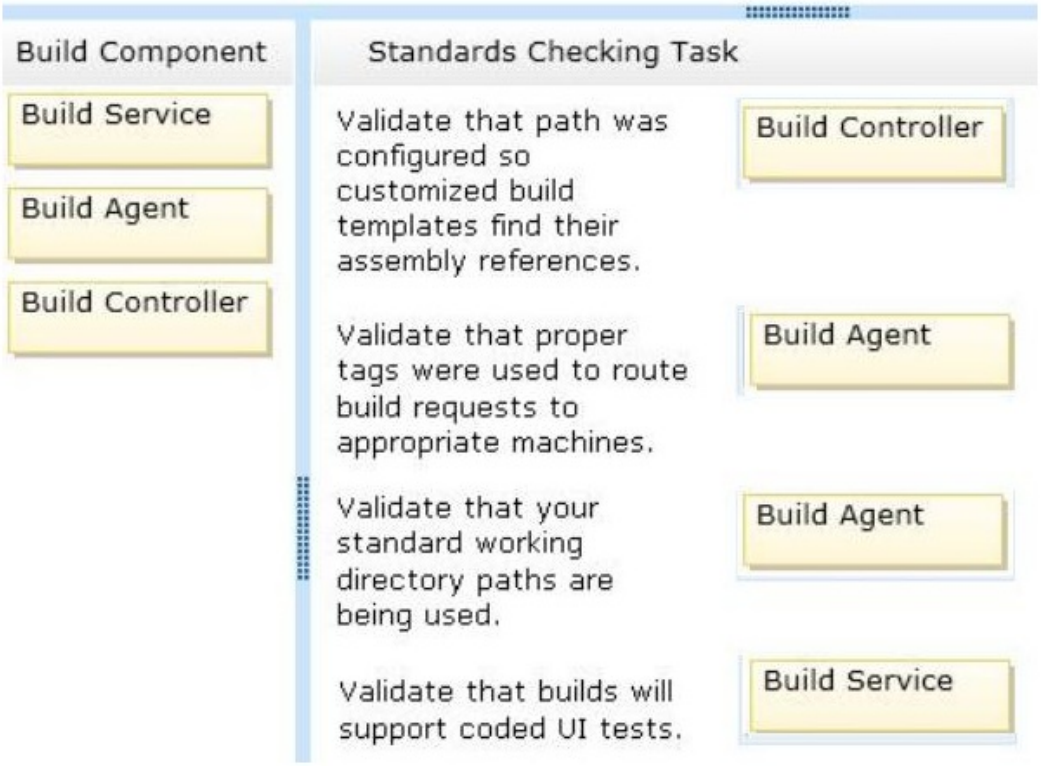
Recertification for MCSD: Application Lifecycle Management

Question: 1

DRAG DROP
Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server with one project collection and multiple build machines.
A development team installs and configures a build service on a new build machine.
You need to be able to validate that the installation and configuration meets your organization's requirements and follows its best practices.
At which service would you perform the following tasks? (To answer, drag the appropriate build component to the correct standards- checking task in the answer area. Each build component may be used once, more than once, or not at all.)



Answer:



Question: 2

You are planning to install a new Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
You need to ensure that the minimum supported version of Microsoft SQL Server is installed.
Which version should you install?

A. SQL Server 2005
B. SQL Server 2008 32-bit
C. SQL Server 2008 64-bit
D. SQL Server 2008 R2
E. SQL Server 2012

Answer: D

Question: 3

To support your development team's upgrade from Visual Studio 2010 to Visual Studio 2012, you also upgrade from Team Foundation Server (TFS) 2010 to TFS 2012.
You need to provide a TFS 2012 test environment that:
Includes data and source code from your existing TFS 2010 environment and
Allows your developers to test the new TFS 2012 and Visual Studio 2012 features while keeping the current TFS 2010 environment intact.
What should you do?

A. Install TFS 2012 side-by-side on the same server as TFS 2010. Point TFS 2012 to the existing database, SharePoint, and SQL Reporting Services.
B. Install TFS 2012 on a new server. Point TFS 2012 to the existing database, SharePoint, and SQL Reporting Services.
C. Clone the existing TFS 2010 environment (including the existing database, SharePoint, and SQL Reporting Services)

on new servers and update the internal IDs. Upgrade the cloned environment to TFS 2012.
D. Copy the existing TFS 2010 database, SharePoint, and SQL Server Reporting services to a new set of servers. Install TFS 2012 side-by-side on the same hardware as TFS 2010, and point TFS 2012 to the new servers.

Answer: C

Question: 4

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server and a virtual test environment that uses Lab Management 2012 along with System Center Virtual Machine Manager (SCVMM) 2010.
You want to install a test virtual machine that is hosted within a lab environment.
You need to ensure that the test virtual machine can support all the features of Lab Management 2012.
Which component should you install on the test virtual machine?

A. Agents for Visual Studio 2012
B. Visual Studio Build Agent 2012
C. Visual Studio Test Agent 2012
D. Visual Studio Lab Agent 2012

Answer: A

Question: 5

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server named TFS1. SharePoint and Reporting Services components are also installed and configured for TFS on the same server.
You need to be able to access the SharePoint Project Portal from the TFS server by using the following URL: http: //tfs.fabrikam.com.
What should you do?

A. From the TFS Administration Console, edit the SharePoint Web Application URL.
B. From Visual Studio Team Explorer, edit the portal settings.
C. Run the TFSC0nflg.exe SharePointportal command.
D. From the SharePoint Central Administration website, configure the Alternate Access Mappings.

Answer: D

Question: 6

Your network environment includes a Team Foundation Server (TFS) 2012 named TFS1 that contains two project collections named PC1 and PC2. A build server named Bi is configured with a build controller named C1 and an agent named A1 that runs build definitions created in Pd.
A development team wants to create a gated check-in build definition on PC2.
You need to perform a supported infrastructure enhancement to run PC2 build definitions.
What should you do?

A.
• Add a new build server (B2).
• On the B2 build server, migrate controller C1 and install a new controller (C2) that connects to the PC2 project

collection.
• On the Bi build server, configure a second build agent (A2) that uses the C2 controller.
B.
• Add a new build server (B2).
• On the B2 build server, install a build controller (C2) that connects to the PC2 project collection.
• On the B2 build server, configure a second build agent (A2) that uses the C2 controller.
C.
• On the Bi build server, configure the C1 controller to connect to project collections PC1 and PC2.
• On the Bi build server, update the Al agent to use controllers C1 and C2.
D.
• On the Bi build server, configure the C1 controller to connect to project collections PC1 and PC2.
• On the Bi build server, configure a second build agent (A2) that uses the C2 controller.

Answer: B

Question: 7

Your network environment is configured according to the following table:

Tier	Configuration
Data	• Microsoft Windows Server 2008 R2 • Microsoft SQL Server 2012
Application	• Microsoft Windows Server 2008 R2 • Microsoft Visual Studio Team Foundation Server (TFS) 2012 • Microsoft SharePoint Foundation 2010

Your TFS environment is configured with the following URLs:
TFS: http: //tfssrv: 8080/tfs
Reporting: http: //tfssrv/reports
SharePoint: http: //tfssrv/sites
You need to configure only the TFS URL to be the following fully qualified domain name (FQDN): http: //tfs.contoso.com.
You log on to the application-tier server. What should you do next?

A. In the IIS Manager, select TFS Website and configure the host name with the friendly name.
B. In the TFS Administration Console, go to the Change URIs dialog box and enter the friendly URL in the Notification URL text box.
C. In the IIS Manager, select TFS Website and configure the server URL with the friendly name.
D. In the TFS Administration Console, go to the Change URIs dialog box and enter the friendly URL in the Server URL text box.

Answer: B

Question: 8

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server and a test environment that is based on non-Hyper-V-based virtualized machines.
You need to be able to run tests on all the test machines.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Install System Center Virtual Machine Manager (SCVMM) 2010.
B. Use Microsoft Test Manager (MTM) to create a new standard environment.
C. Manually install the Agents for Visual Studio 2012 on the virtualization server.
D. From Microsoft Test Manager (MTM), create a new System Center Virtual Machine Manager- (SCVMM-) based environment and select the virtual machines hosted on the non-Hyper-V-based virtualization server.
E. Install a Visual Studio 2012 test controller.

Answer: B, E

Question: 9

Your network environment includes a Microsoft Visual Studio Team Foundation Server 2012 (TFS) server. A single build machine is installed with one controller and two agents. The working directories are configured to use the following working directory:
$(SystemDrive)\Builds\$(BuildAgentId)\$(BuildDefinitionPath).
Your system drive is running out of space and some builds often fail with the following error:
"The specified path, file name, or both are too long. The fully qualified file name must be less than 260 characters, and the directory name must be less than 248 characters."
You need to meet the following requirements:
Point the working path to drive D.
Construct a working directory that can be used to define the shortest unique path for each build agent it is used on.
What should you do?

A. Set the Build Agent working directory path to D: \BId\$(BuildAqentId)\$(BuildDetinitionPath).
B. Create a system variable named BuildDrive and set its value to D: \.
C. Set the Build Service working directory path to D: \BId\$(BuildAqentId)\$(BuildDefinitionPath).
D. Set the Team Foundation Build variable named $(BuildDrive) to the value D: \.

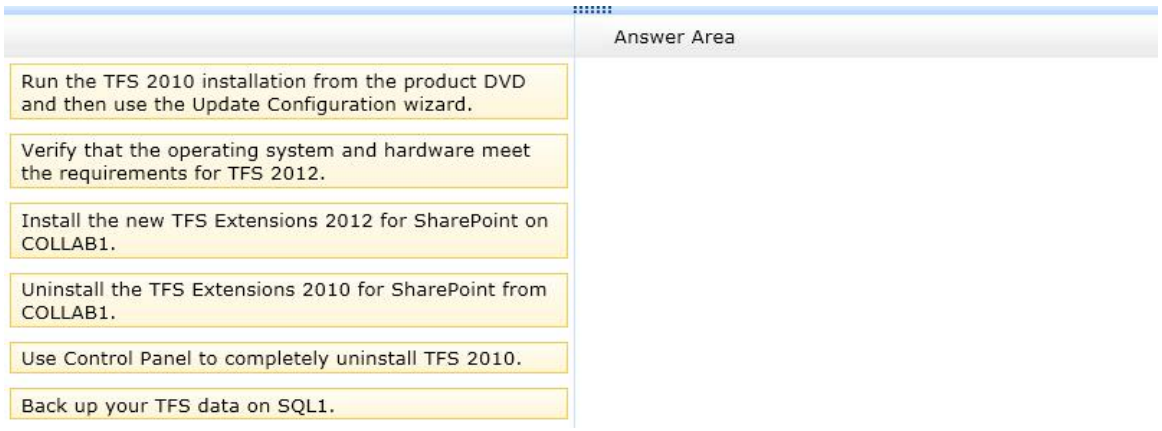
Answer: A

Question: 10

DRAG DROP
Your network environment is configured according to the following table:

Purpose	Name	Software Installed
Application tier	TFS1	• Microsoft Visual Studio Team Foundation Server (TFS) 2010
Data tier	SQL1	• Microsoft SQL Server 2012 • Microsoft SQL Server 2012 Reporting Services (SSRS) • Microsoft SQL Server 2012 Analysis Services (SSAS)
Collaboration	COLLAB1	• Microsoft SharePoint Foundation 2010

You do not have budget to install a new machine.
You need to perform an in-place upgrade of your TFS1 server from TFS 2012.
What should you do? (To answer, move six appropriate actions from list of actions to the answer are and arrange them in the correct order)



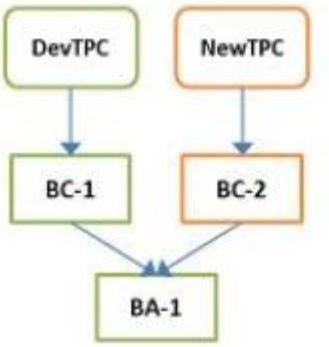
Answer:

Verify that the operating system and hardware meet the requirements for TFS 2012.
Uninstall the TFS Extensions 2010 for SharePoint from COLLAB1.
Back up your TFS data on SQL1.
Use Control Panel to completely uninstall TFS 2010.
Install the new TFS Extensions 2012 for SharePoint on COLLAB1.
Run the TFS 2010 installation from the product DVD and then use the Update Configuration wizard.

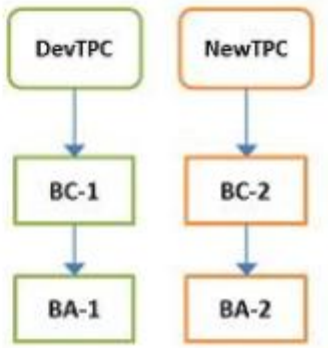
Question: 11

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. Your TFS environment currently consists of a single team project collection (TPC) named DevTPC, one build controller named BC-1, and one build agent named BA-1.
You need to create a separate TFS test environment by cloning your existing environment. You need to achieve this goal by utilizing as few new TFS services as possible.
Which of the following diagrams shows the correct architecture for solving this problem?

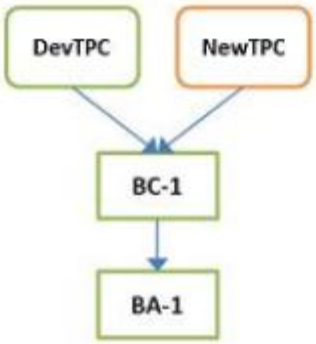
A.



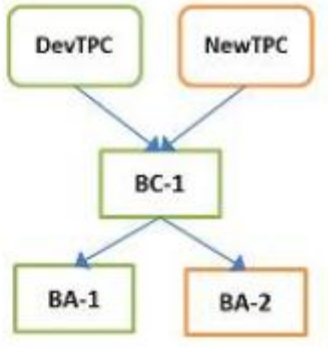
C.



B.



D.



A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

Question: 12

Your client's network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012) server installed at its main office. Branch offices have limited bandwidth connecting to the main office.
Client team members at one of the branch offices report that it is taking too long to retrieve files from source control.
You need to speed up the source control access for their most commonly accessed files.
What should you do?

A.
• Install a SQL server at the remote office and configure replication of the source control database from the main office to the SQL server at the remote office.
• Install and configure a TFS proxy server at the remote office to use the replicated database.
• Configure all the clients at the remote office to use the new proxy server
B.
• Install a new TFS instance at the remote office and configure it to sync with the main office.
• Configure all the clients at the remote office to connect to the new TFS instance.
C.
• Install and configure a TFS proxy server at the remote office.
• Configure all the clients at the remote office to use the new proxy server.
D.
• Install and configure a TFS proxy server at the remote office.
• Run the TFSConfig.exe command to redirect remote users to the TFS proxy server based on IP address.
• Install and configure a TFS proxy server at the remote office.
• Run the TFS Admin Console command to redirect remote users to the TFS proxy server based on IP address.

Answer: C

Question: 13

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. Your development team uses Visual Studio 2012.
You store specialized design files within your Visual Studio solution by using version control. These design files are stored in a proprietary binary format and use the filename extension .dzn.
You need to meet the following requirements:
Ensure that all developers can modify these design files.
Prevent multiple check-outs on all .dzn files.
Ensure that all other file types can be edited by multiple developers at the same time.
What should you do?

A. Within the Source Control Explorer, right-click each .dzn file and uncheck the Allow multiple check outs option.
B. Add a new file type for .dzn to the Team Project Source Control Settings and clear the Enable file merging and multiple check out checkbox.
C. Within the Visual Studio Options dialog box for Source Control, add the .dzn extension to the Prevent multiple

check-outs for the following file types list in the Visual Studio Team Foundation server node.
D. Add a new file type for .dzn to the Team Project Collection Source Control Settings and clear the Enable file merging and multiple check out checkbox.

Answer: D

Question: 14

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. Your developers use Visual Studio 2012.
Developers frequently work from locations where there is no network connection.
You need to ensure that developers are able to easily compare their current changes to the last version retrieved from version control.
Which type of workspace should you configure?

A. Server
B. Local
C. Server-synchronized
D. Windows Azure

Answer: B

Question: 15

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. You create a new build definition and select the Continuous Integration trigger. The build definition runs a build verification test.
You discover that the build fails because the build verification test has not passed, even though compilation of the source code succeeds.
You need to prevent further check-ins until the code passes the build verification test and the build succeeds.
What should you do?

A. Enable the Builds check-in policy.
B. Configure the build definition's source control folders to be read-only for the other developers.
C. Enable the Testing check-in policy. Select the same test that is used as the build verification test to be run and passed for the check-in to succeed.
D. Configure the server-side check-in event handler to roll back if the earlier build has failed.

Answer: A

Question: 16

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
The Application Lifecycle Management (ALM) Center of Excellence of your organization has created a ruleset to perform the code analysis of the code being developed.
You need to ensure that all developer's code passes the static code analysis with the custom ruleset at the time of check in.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Under the source control of the team project, check in the .ruleset file.

B. Create a .reg file on your machine to add a registry entry for the Code Analysis policy with the custom ruleset under H KEY_LOCAL_MACHINE\Software\Microsoft\VisualStudio\1 11.0_Config\TeamFoundation\SourceControl\Checkin Policies.
C. Distribute the .reg file that you have created to all developers and request them to run it with elevated privileges.
D. Add Code Analysis check-in policy team project source control settings. When prompted, select the custom ruleset file by browsing under the source control.

Answer: A, D

Question: 17

Your network environment includes a Microsoft Visual Studio Team Foundation Server 2012 (TFS) server and several TFS 2012 build servers configured.
You need to ensure that developers compile their own code against the latest code before checking their changes into source control.
What should you do?

A. Enable the check-out setting to download the latest copy of an item before checking it out.
B. Create a build definition for the solution with a gated check-in trigger.
C. Create a build definition for the solution with a continuous integration trigger.
D. Create a build definition for the solution with a rolling builds trigger, and configure the Builds check-in policy.

Answer: B

Question: 18

Your client's network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server installed at its main office.
The network administrator at a remote office reports high WAN utilization. Users at the remote office report slow response times when downloading source code.
You need to minimize WAN utilization and improve the response times for downloading source code.
What should you do?

A. Install TFS Server at the remote site and set up database synchronization between the existing TFS Server and the remote site.
B. Install and configure TFS Proxy at the remote site. Point the TFS Proxy to the TFS server and point Team Explorer to the TFS Proxy.
C. Install and configure IIS caching. Point Team Explorer to the IIS server.
D. Install TFS Proxy at the remote site. Configure TFS Proxy to point to the TFS Server and configure each user's Visual Studio Source Control to use the proxy server for file downloads.

Answer: D

Question: 19

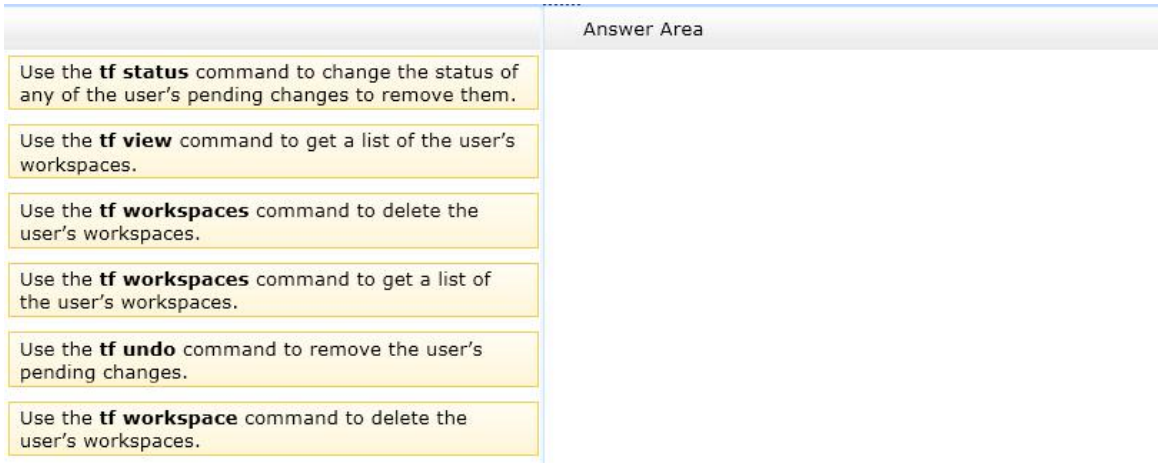
Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
A user places a large shelveset on the TFS server.
You need to delete the shelveset.
What should you do?

A. Use the tf shelvesets command with the /delete parameter.
B. Use the tf shelve command with the /move parameter.
C. Use the tf unshelve command with the /delete parameter.
D. Use the tf shelve command with the /delete parameter.

Answer: D

Question: 20

DRAG DROP
Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
A developer has left the company and still has files checked out. The developer's computer is no longer available to undo the checkouts.
You need to undo any checked-out files for the user. You also need to delete the user's workspace.
What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)



Answer:

Box 1: Use the tf undo command to remove the user's pending changes.
Box 2: Use the tf workspaces command to get a list of the user's workspaces.
Box 3: Use the tf workspace command to delete the user's workspaces.

Question: 21

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
A user accidentally deletes a file from version control.
You need to restore the deleted file to version control.
What should you do?

A.
• Add a file with the same name in the same place in source control as the old file.
• Right-click the file in the source control explorer and select Rollback.
• Roll back the file to a change set right before the file was deleted.
B.
• In Visual Studio 2012 click Tools, then click Options.
• Expand the Source Control option, select Visual Studio Team Foundation, and then select Show deleted items in the

Source Control Explorer.
• Right-click the file in Source Control Explorer and select Rollback.
• Roll back the file to a changeset right before the file was deleted.
C.
• In Visual Studio 2012 click Tools, then click Options.
• Expand the Source Control option and select Visual Studio Team Foundation, then select Show deleted items in the Source Control Explorer.
• Right-click the file in Source Control Explorer and select Advanced, then select Get Specific Version.
• Select a version of the file created right before the file was deleted.
D.
• In Visual Studio 2012 click Tools, then click Options.
• Expand the Source Control option and select Visual Studio Team Foundation, then select Show deleted items in the Source Control Explorer.
• Right-click the file in Source Control Explorer and select Undelete.

Answer: D

Question: 22

Your network environment includes a multi-tier Microsoft Visual Studio Team Foundation Server (TFS) 2012 server implementation. Developers use Visual Studio 2012.
Your team has just started developing a very large enterprise-scale application.
You need to create a workspace for the new project that meets the following requirements:
Developers should be able to use Visual Studio 2012 and earlier versions to work with the workspace.
Performance of the workspace should not be degraded when the number of items in the workspace increases.
The storage utilization of the developer local hard drive should be as minimal as possible.
What should you do?

A. Create a hybrid workspace.
B. Create a server workspace.
C. Create a server workspace and a Local workspace. Configure synchronization between both, and allow developers to utilize the local workspace.
D. Create a local workspace.

Answer: B

Question: 23

Your network environment includes two Microsoft Visual Studio Team Foundation Server (TFS) 2012 servers.
A remote site has two teams. Each team uses a different TFS instance. The developers at the remote site experience poor performance due to network bandwidth issues.
You need to relieve bandwidth by configuring Team Foundation server with the minimal components.
What should you do?

A.
• Install an IIS Server at the remote site and add Output Caching Rules to the IIS instance.
• Change user configurations at the remote site to use IIS server.
B.
• Install a single TFS Proxy instance at the remote site, adding <Server> tags in TFProxy Proxy.contiq for each server instance.

• Point all users at the remote site to the TFS Proxy server.
C.
• Install a third TFS Server and move the projects that are used by the remote team from existing servers to the third server.
• Point all users at the remote site to the new server.
D. • Install a TFS Proxy server instance for each project team.
• Point users from each project team at the respective TFS Proxy server.

Answer: B

Question: 24

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) server.
You are performing capacity planning for three teams of developers. Each team is developing a different software module. Developers belong to only one team.
You need to ensure that team members can edit only the work items of the module on which they are working.
What should you do?

A.
• Create three teams under the Team Project for team members of three modules.
• On the Security tab of the team give Edit work items in this node permission to that team for the corresponding area.
• Deny that permission to other two teams.
B.
• Create three TFS groups at the Team Project level for team members of three modules.
• Create three areas for the three modules.
• For each area, on the Permissions tab of the groups, give Edit work items in this node permission to the group corresponding to that area.
• Deny that permission to other two groups.
C.
• Create one TFS group at the Team Project level for the team members of the three modules.
• Create three areas for the three modules. For each area, give Edit work items in this node permission to the group.
D.
• Create three teams under the Team Project for team members of three modules.
• For each area corresponding to the team, give Edit work items in this node permission to that team.
• Deny that permission to other two teams.

Answer: D

Question: 25

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. Your development team has a Visual Studio solution file that is used to build a software product.
A developer reports that when he retrieves the latest source file to his computer from TFS and performs a build, the build frequently breaks.
You need to provide a solution that prevents check-ins to TFS that will break developers' builds.
What should you do?

A. Configure a Team Build for the project and set the build trigger to Continuous Integration. Then modify the build template to automatically roll back check-ins from failed builds.

B. Configure a Team Build for the solution and set the trigger to Gated Check-in.
C. Configure a Team Build for the solution and set the trigger to Schedule. Then modify the build template to automatically roll back check-ins from failed builds.
D. Configure a Team Build for the project and set the build trigger to Continuous Integration.

Answer: B

Question: 26

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
You create a new project using the default Visual Studio Scrum 2.0 template. You want to inform the product owner when a Product Backlog Item (PBI) is ready for testing.
You need to ensure that when the development of a PBI has been completed, the tester is able to change the state of the item to be Ready for Acceptance Testing. You need to achieve this goal without developing custom code.
What are two possible ways to accomplish this goal? (Each correct answer presents a complete solution. Choose two.)

A. Use the TFSFieldMapping command to map a new state for Product Backlog Item.
B. Use the Visual Studio Process Template editor to modify the Product Backlog Item template.
C. Write a Visual Studio Extension (VSIX) so developers can change the state in Visual Studio.
D. Modify the Product Backlog Item template XML and use the witadmin command to import the modified XML.

Answer: B, D

Question: 27

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. Developers use Visual Studio 2012.
You want to modify the build definition deployment process.
You need to meet the following requirements:
The process will stop new builds from being started while making the modifications.
Builds should queue up while modifications are being made.
Once modifications are complete, all queued builds should be processed.
What should you do?

A. Set the build controller's Processing property to Paused. Once maintenance has been completed, reset the property back to its original value.
B. Set the build definition's Queue Processing property to Paused for each of the build definitions being modified. Once maintenance has been completed, reset the property back to its original value.
C. Set the build definition's Queue Processing property to Disabled for each of the build definitions being modified. Once maintenance has been completed, reset the property back to its original value.
D. Set the build controller's Processing property to Disabled, Once maintenance has been completed, reset the property back to its original value.

Answer: B

Question: 28

You are business analyst. You use MS Excel to add and edit work items of a team project. You store those work items in an offline worksheet.

Recently your team project has been moved to another Team Project Collection.
You need to connect the Microsoft Excel document containing the work items to the new Team Project Collection.
What should you do from within Microsoft Excel?

A.
• Click the Publishing button on the Work Items group within the Team tab.
• When prompted, select the new name of the Team Project Collection.
B.
• Click the Refresh button on the Work Items group of the Team.
• When prompted, select the new name of the Team Project Collection.
C.
• Use the Server Connection option in the Configure dropdown of the Work Items group of the Team tab.
• When prompted, select the new name of the Team Project Collection.
D.
• Disconnect from TFS from within the Team tab.
• Reconnect to TFS from within the Team tab.
• While reconnecting, provide the new name of the Team Project Collection when prompted.

Answer: C

Question: 29

Your network environment includes a single Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
You are using the Default Template to build a solution that will be debugged by using IntelliTrace.
You need to ensure that symbols will be available to IntelliTrace for each build.
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Update the build definition to set IndexSources to True.
B. Set up a UNC path to the symbol location (for example, \\sharename\symbols) and grant Full Control permissions to the user account under which the build agent is running.
C. Configure the build trigger for Continuous Integration.
D. Add the UNC path to the build's list of working folders.
E. Update the build definition by configuring the UNC path to Publish Symbols.

Answer: A, B, C

Question: 30

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
You are configuring a set of automated build servers for TFS that includes one build controller and four build servers, with TFS Build Agents installed on each. All build servers are configured with the same base set of software.
You have a software component that is licensed for a single build server and can be installed on only one build machine.
You need to configure a set of build definitions that rely on this software component to utilize the correct build machine.
What should you do?

A. Add the name of the software component and the name of the build agent it is installed on to the Installed Components list in the build controller properties. In the build definition, add the name of the software component to the Required Components list.

B. Add a tag to the build agent (indicating which machine has the software installed) and reference this tag in the Tags Filter setting for the build definition that uses the software.
C. Add a tag to the build agent (indicating which machine has the software installed) and reference this tag in the Name Filter setting for the build definition that uses the software.
D. Add the name of the software component to the Installed Components list in the build agent properties. In the build definition, add the name of the software component to the Required Components list.

Answer: B

Question: 31

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. Developers use Visual Studio 2012 to maintain a library of commercial .NET components provided for sale by your company.
You release new versions quarterly and provide support for the four most recent versions. When issues are logged with previous versions it is time-consuming for your developers to locate and associate the correct version of debugging symbols and source code.
You need to streamline the process for debugging prior versions of your library.
What should you do?

A. When it is time to deploy each quarterly update, copy the release binaries into version control.
B. Within the build definition, set the Index Sources property to True and provide a path for the symbols. Add this path to the list of symbol file locations in Visual Studio when debugging that particular version.
C. When it is time to deploy each quarterly update, label the source code with the version number being released.
D. Enable IntelliTrace within Visual Studio. Within the build definition, set the IntelliTrace option to True.

Answer: B

Question: 32

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server installed at a main office.
A TFS Proxy is installed at the branch office with a default port number.
You need to access TFS from the branch office to add and manage work items.
What should you do?

A. Navigate to the Internet Options of your browser. In the LAN settings area, configure the name of the TFS proxy and enter the port number 8081.
B. Navigate to the Internet Options of your browser. In the LAN settings area, configure the name of the TFS proxy and enter the port number 8080.
C. In the Add/Remove Team Foundation Server dialog box within Visual Studio 2012, enter the name of the TFS server.
D. From the Source Control section of Visual Studio 2012, enter the name of the proxy server and port number 8081.

Answer: C

Question: 33

Your network environment includes an on-premise Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
You create a work item custom query named Tasks Exceeding Original Estimate Hours in your My Queries folder.
You need to meet the following requirements:

The query should be available to all team members.
Aggregate results of the query, in the form of total number of work items that match the query, should appear as a tile on the Home page of the Team Web Access client.
What should you do?

A. From within Team Web Access:
• From the Activities list on the home page, click Publish Query to Team Favorites.
• Select the Tasks Exceeding Original Estimate Hours query from the list overlay.
B. From within Team Explorer:
• From the Activities tab, click Publish Query to Team Favorites.
• Select the Tasks Exceeding Original Estimate Hours query from the list overlay.
C. From within Team Explorer:
• From the My Queries folder, drag the Tasks Exceeding Original Estimate Hours query to the Shared Queries section.
• Drag the query from the Shared Queries section to the Team Favorites section.
D. From within Team Web Access:
• On the Work Items tab of the Work page, drag the query Tasks Exceeding Original Estimate Hour that appears in the My Queries section and add it to Shared Queries section.
• Drag the query from the Shared Queries section to the Team Favorites section.

Answer: C

Question: 34

Your network environment is configured according to the following table:

Tier	Configuration
Data	• Microsoft Windows Server 2008 R2 • Microsoft SQL Server 2012
Application	• Microsoft Windows Server 2008 R2 • Microsoft Visual Studio Team Foundation Server (TFS) 2012 • Microsoft SharePoint Foundation 2010

The data tier has been configured to run Microsoft SQL Server Reporting Services (SSRS) in SharePoint Integrated Mode.
You need to configure the TFS environment to support the addition of SSRS Reports.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Open the report in SQL Server Business Intelligence Development Studio and change the TargetServeruRL property of the report.
B. Log on to the data-tier server and reconfigure SSRS to Native Mode.
C. Log on to the data-tier server and rebuild the TFS data warehouse by using the TFSConfig.exe Rebuild Warehouse /all I ReportingDataSourcePassword : <password> command.
D. Log on to the application-tier server and rebuild the TFS data warehouse by using the TFSConfig.exe RebuildWarehouse / all /ReportingDataSourcePassword: <password> command.
E. Log on to the application-tier server and reconfigure TFS and SQL Reporting Services integration.

Answer: B, E

Question: 35

Your client's network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.

Some users, who do not have client access licenses perform, user acceptance testing.
You need to allow user acceptance testers to only record and view bugs they have raised.
What should you do?

A. Obtain a client access license for these users.
B. Add the users to the Contributors group.
C. Add the users to the Work Item Only View Users group.
D. Set user security to allow Contribute permission to a specific work item query.

Answer: C

Question: 36

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server that has separate computers for the application tier and the data tier.
The data-tier computer experiences hardware failure. You restore all the data of TFS on another computer in the network by using a backup.
You need to provide the location of the restored database to the application tier of TFS without reinstalling the application tier.
What should you do?

A. Use the Team Foundation Backups node of the TFS Administration Console.
B. Use the Application Tier node of the TFS Administration Console.
C. Run the Tfsmqmt.exe configure command.
D. Run the TfsConfig reqisterDB command.

Answer: D

Question: 37

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server with Microsoft SQL Server 2012 Reporting Services (SSRS) and Analysis Services (SSAS).
Users report that the data in their reports is out of date.
You need to view the status of the data warehouse. You also need to view the analysis database jobs and see when each last ran successfully.
What should you do?

A. From any computer on the network:
• Browse to http: //<servername> : 8080/tfs/teamfoundation/administration/ v3.0/warehousecontrolservice.asmx
• Invoke the GetProcessingStatus operation.
B. From the TFS server:
• Browse to http : //<servername> : 8080/tfs/teamfoundation/administration/ v3.0/warehousecontrolservice.asmx
• Invoke the GetProcessingStatus operation.
C. From the Team Foundation Server Administration Console:
• Expand the application-tier tree.
• Select Reporting.
• View the Warehouse Database and Analysis Services Database status.
D. From any computer on the network:
• Use SQL Server Management Studio.
• Connect to the SQL server that hosts the TFS databases.

• Query the TFS configuration database's _LastUpdatedTime table.

Answer: B

Question: 38

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. You have a development team named Devi that is already using the server.
You hire a second development team named Dev2.
You need to ensure that the development activities of Dev2 are completely isolated from those of Dev1.
What should you do?

A. Use the TFS Administration Console to create a new team project collection for Dev2.
B. Run the TFSConfiq collection /create [name] command.
C. Use the TFS Administration Console to branch a new team project collection for Dev2 from the one used by Dev1.
D. Use Visual Studio Team Explorer 2012 to create a new team project collection for Dev2.

Answer: A

Question: 39

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server named Server1, which has a single team project collection containing a number of team projects.
You want to outsource some projects to a third-party development team that will connect to Server1 by using a virtual private network (VPN).
You need to ensure that only the projects the team has access to are available in their team project collection.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. In the TFS Administration Console, select Clone team project collection.
B. Use the TFSConfig.exe collection /attach CollectionDB: ServerName;DatabaseName /clone command to make a copy of the existing team project collection.
C. Use the TFSConfiq.exe collection /attach CollectionDB: ServerName;DatabaseName command to make a copy of the existing team project collection.
D. In the TFS Administration Console, create a new empty team project collection.
E. Use the TFS Integration Platform to copy the required team projects to the new team project collection.
F. In the TFS Administration Console, for both the original and cloned team project collections, delete the team projects the respective teams do not need.

Answer: D, E

Question: 40

Your network environment is configured according to the following table:

Tier	Configuration
Data	• Microsoft Windows Server 2008 R2 • Microsoft SQL Server 2012
Application	• Microsoft Windows Server 2008 R2 • Microsoft Visual Studio Team Foundation Server (TFS) 2012 • Microsoft SharePoint Foundation 2010

The data tier is configured to use SQL Server Reporting Services (SSRS) and SQL Server Analysis Services (SSAS). The data tier currently does not contain a database named TFS_Analysis.
You need to rebuild the data warehouse, including the SSRS and SSAS databases.
What should you do?

A. Log on to the application-tier server, then rebuild and redeploy the data warehouse cube by using SQL Server Business Intelligence Studio.
B. Log on to the application-tier server and run the TFSConfig.exe Rebuild Warehouse /analysisServices / ReportingDataSourcePassword: <password> command.
C. Log on to the application-tier server. From the Reporting node in the TFS Administration Console, select the Start Rebuild option.
D. Log on to the database-tier server and rebuild the data warehouse using SQL Server Management Studio.
E. Log on to the database-tier server, then rebuild and redeploy the data warehouse cube by using SQL Server Business Intelligence Studio.

Answer: C

Question: 41

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
You need to view performance data related to client connections and commands being executed against the TFS server.
What should you do?

A. Browse to http: <servername> 8080/tfs/teamfoundation/administration/ v3.0/ warehousecontrolservice.asmx and select Processing Status.
B. Use the TFS Administration Console to view the TFS logs.
C. Query the tbl_ClientEvent table in each TFS Team Project Collection database.
D. Query the tbl_Command table in each TFS Team Project Collection database.

Answer: D

Question: 42

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. All requests pass through an HTTP proxy before reaching users.
You need to allow access to the server over HTTPS for remote workers.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Configure Basic authentication.
B. Configure SSL.
C. Configure Kerberos authentication.
D. Add the users to the user identities in Internet Information Services (IIS).

E. Configure a TFS proxy server.

Answer: A, B

Question: 43

Your network environment includes Microsoft Visual Studio Team Foundation Server (TFS) 2012. You are using Microsoft Lab Management (MLM) 2012. Automatic host group provisioning is turned off.
You need to allocate a Microsoft System Center Virtual Machine Manager (SCVMM) 2012 host group to the team project.
Which two tools should you use? Each correct answer presents part of the solution. (Choose two.)

A. TFSConfig.exe with the lab command name
B. Visual Studio 2012 Team Explorer
C. Microsoft Test Manager (MTM)
D. TFS Administration Console

Answer: AD

Question: 44

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server and Microsoft Lab Management (MLM) 2012.
You need to create a new environment that will support the ability to include a snapshot of the environment in a bug report.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Create a standard environment.
B. Set up Hyper-V virtual machines using a virtual disk.
C. Create an SCVMM environment.
D. Install a test agent on each box in the environment.
E. Set up Hyper-V virtual machines using a physical disk.

Answer: B, C

Question: 45

Your network environment is configured according to the following table:

Purpose	Name	Software Installed
Application tier	TFS1	• Microsoft Visual Studio Team Foundation Server (TFS) 2012
Application tier	TFS2	• Microsoft Visual Studio Team Foundation Server (TFS) 2012
Clustered data tier	DATA1	• Microsoft SQL Server 2012 • Microsoft SQL Server 2012 Reporting Services (SSRS) • Microsoft SQL Server 2012 Analysis Services (SSAS)
Collaboration	COLLAB1	• Microsoft SharePoint Foundation 2010

TFS2 experiences complete hardware failure.
You need to replace TFS2.
You install TFS on a new server. In which mode should you configure TFS?

A. Upgrade
B. Application-Tier only
C. Advanced
D. Basic

Answer: B

Question: 46

Your client's network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server installed at its main office. TFS Proxy has been installed at a branch office.
You need to reconfigure the TFS Proxy Server to increase the percentage of disk used by the cache.
What should you do?

A. Use the Team Foundation Server Configuration Tool and adjust the percentage of disk used by TFS Server.
B. Modify the web.confiq file of the Proxy Server service and increase the value of the PercentageBasedPolicy configuration item.
C. Modify the TFS Global Web.confiq file and increase the value of the PercentagebasedPolicy configuration item.
D. Modify the TFS Proxy config file and increase the value of the PercentageBasedPolicy configuration item.

Answer: D

Question: 47

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. Developers use Visual Studio 2012.
Developers spend a significant amount of time dealing with the improper merging of change sets.
You need to ensure that developers are prevented from encountering merges.
What should you do?

A.

• Require all developers to utilize a local workspace.
• Within the Source Control Settings box, select the Enable get latest on check-out option.
B.
• Require all developers to utilize a server workspace.
• Within the Source Control Settings box, clear the Enable multiple check-out option.
C.
• Require all developers to utilize a server workspace.
• Within the Source Control Settings box, select the Enable get latest on check-out option.
D.
• Require all developers to utilize a local workspace.
• Within the Source Control Settings box, clear the Enable multiple check-out option.

Answer: B

Question: 48

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
You need to be able to trace bugs to the code that addresses the bug.
What should you do?

A. Enable the Work Items check-in policy. In the Edit options of the policy, select Bug from the list of work item types.
B. Enable the Work Items check-in policy. In the Edit options of the policy, select the Active Bugs query.
C. Enable the Work Items check-in policy and request that all developers associate the work item to the appropriate bug at the time of check-in.
D. Enable the Changeset Comments check-in policy.

Answer: C

Question: 49

Your network environment includes a multi-tier Microsoft Visual Studio Team Foundation Server (TFS) 2012 server implementation.
A member of the networking team changes the name of a user's computer.
From the user's computer, you need to modify the existing workspace to reflect the new computer name.
What should you do?

A. Execute the following workspaces command to update the machine name: tf workspaces/updateCornputerName: <oldcomputername> /collection: http: //tea mserver: 8080/tfs/ DefaultCollection.
B. Create a new workspace. Replace the existing workspace with the new one by using the Manage Workspaces window in Source Control Explorer.
C. Execute the following workspace command to update the machine name: tf workspace /computer: <oldcomputername> / collection: http: //teamserver: 8080/tfs/ DefaultCollection.
D. Open the existing workspace by using the Manage Workspaces window in Source Control Explorer. In the Computer field, enter the new machine name.

Answer: A

Question: 50

Your network environment includes a Microsoft Visual Studio Team Foundation Server 2012 (TFS) server.
Version control is configured with one project collection and two team projects. Some users use 2010 and 2012 clients, such as Visual Studio and Team Explorer Everywhere.
You need to ensure that users will be prompted by, and can satisfy, the comments check-in policy when using both 2010 and 2012 clients.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Add the Changeset Comments policy in the team project collection's source control settings.
B. Add the Changeset Comments policy in the source control settings for each team project.
C. Install the TFS 2010 Power Tools on all clients.
D. Install the TFS 2012 Power Tools on all clients and configure the policy by using Team Explorer.
E. Install the TFS 2010 and 2012 Power Tools on the TFS application tier and configure the policy by using Team Foundation Administrator.

Answer: B, C

Question: 51

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
The lead developer uses a large third-party library named Fabrikam. This utility requires thousands of files that none of the other developers use.
You need to meet the following requirements:
Prevent Fabrikam files from being retrieved by the other developers.
Retrieve all files, including Fabrikam, for the lead developer.
What should you do?

A.
• Have each developer create a workspace mapping to root folder of the project.
• Cloak the Fabrikam folder in the lead developer's workspace.
B.
• Have each developer create a workspace mapping to root folder of the project.
• Cloak the Fabrikam folder in every team member's workspace except the lead developer's.
C.
• Have each developer map the Fabrikam TFS folder to the local folder C: \ThirdParty.
• Within the workspace settings, ensure all other folders are cloaked.
D.
• Keep the original workspace and within the Source Control Explorer, right-click on the UltraStats node anci seiect tne Map Working Folder option and map it to C: \UltraStats.

Answer: B

Question: 52

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server and Microsoft Lab Management (MLM) 2012.
You want to create a clone of the development test environment in your domain that will support testing patches of your software while continuing to support release testing in the existing environment.
You need to configure the environment to support network isolation.
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Add each machine to a workgroup.
B. Install a test agent into each machine.
C. Add a NAT server to the environment.
D. Configure the test agent in each machine.
E. Store the environment in a library.
F. Add a domain controller to the environment.

Answer: A, B, F

Question: 53

Your network environment includes a dual-tier Microsoft Visual Studio Team Foundation Server (TFS) 2012 installation. The first server hosts Microsoft SQL Server and Analysis Services, and the second server hosts TFS Application Tier and Reporting Services.
The TFS installation uses the company's Enterprise SharePoint Server, which is backed up by a different team.
You need to perform regular backups of the TFS server, and you need to keep the size of the backup to the minimum.
Which three components should you back up? (Each correct answer presents part of the solution. Choose three.)

A. TFS Configuration and Collection databases
B. Configuration database
C. SharePoint Products databases
D. Analysis databases
E. Warehouse database

Answer: A, C, D

Question: 54

Your client's network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server that uses default permission sets. For each team project, all TFS group members are unique.
The company stores sensitive information in a source code control folder.
You need to restrict check-in access to the folder to only the Project Administrators group. You need to achieve this goal by using the minimum set of permission changes.
What should you do?

A. Deny Contribute permission to the folder for the Contributors group.
B. Allow Check In permission to the Project Administrators group on the folder.
C. Deny Check In permission to the folder for the Contributors group.
D. Deny Check In permission to the folder for the Valid Project Collection Users group.

Answer: C

Question: 55

Your network environment is configured according to the following table:

Purpose	Name	Software Installed
Application tier	TFS1	• Microsoft Visual Studio Team Foundation Server (TFS) 2012
Clustered data tier	DATA1	• Microsoft SQL Server 2012 • Microsoft SQL Server 2012 Reporting Services (SSRS) • Microsoft SQL Server 2012 Analysis Services (SSAS)
Collaboration	COLLAB1	• Microsoft SharePoint Foundation 2010

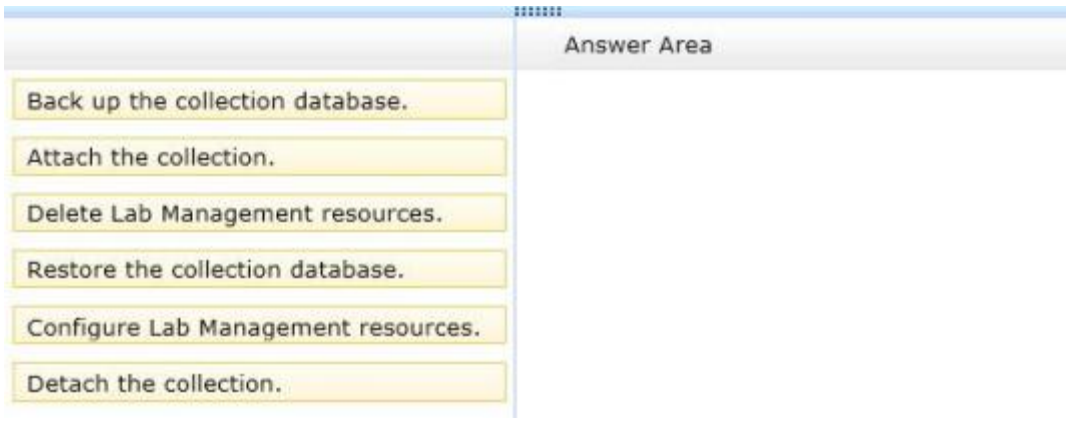
DATA1 experiences complete hardware failure.
You restore operations on a new server. However, some users experience errors with Work Item tracking and Workspaces.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Refresh the version control cache by using the if workspaces command on the client computers.
B. Refresh the work item cache by using the ClientService command on the new server.
C. Refresh the version control cache by using the tf workspaces command on TFS1.
D. Refresh the work item cache by using the ClientService command on the client computer.

Answer: A, B

Question: 56

DRAG DROP
Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server named Server1. Server1 is use' by two development teams, Devi and Dev2, each of which has its own team project collection.
You add a second TFS 2012 server named Server2, which also uses an instance of Microsoft SQL Server 2012.
You need to move all of Dev2's content from Server1 to Server2.
What should you do? (To answer, move the six appropriate actions from the list of actions to the answer area and arrange them in the correct order.)



Answer:

Delete Lab Management resources.
Detach the collection.
Back up the collection database.
Restore the collection database.
Attach the collection.
Configure Lab Management resources.

Question: 57

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
You need to rebuild both the Team Foundation Data Warehouse and the SQL Server Analysis Services Cube from scratch.
What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

A. Use Microsoft SQL Server Management Studio.
B. Use SQL Server Business Intelligence Development Studio.
C. Use Warehouse Control Web Service.
D. Use the Reporting section in Team Foundation Administration Console.
E. Restart SQL Server Analysis Services service, SQL Server service, and SQL Server Agent service by navigating to the Services option under Administrative Tools.

Answer: C, D

Question: 58

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. You have two teams named Team A and Team B working on a team project.
You assign work items to a team area for each team. Each person belongs to only one team.
You need to provide read-only access to work items in the Team A area node to Team B by using the least number of permissions changes.
What should you do?

A. Set the View Work Items in This Node permission to allow Team B to access the Team A node.
B. Set the Edit Work Items in This Node permission for Team B as Deny for the Team A node.
C. Set the Edit Work Items in this Node permission for Team B as Deny to the Team A node and each child of the Team A node.
D. Set the View Work Items in This Node permission to allow Team B to access the Team A team node and each child node.

Answer: B

Question: 59

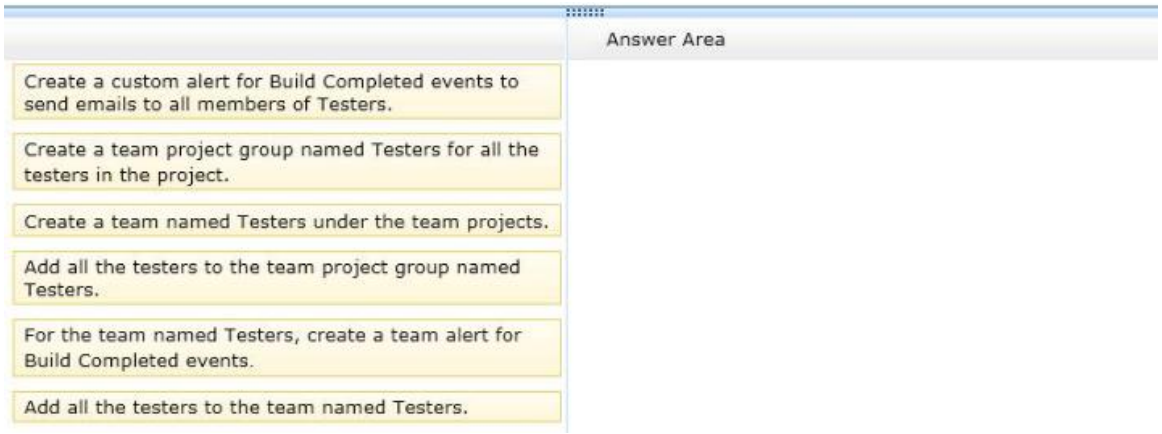
Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server that uses SharePoint and SQL Server 2012 Reporting Services (SSRS).
You develop a custom report to track progress for all new projects.
You need to ensure that the report is included in all new projects when they are created.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Add the report file to the TfsReports folder on the reporting server.
B. Add a report entry to the ReportsTasks.xml in the process template.
C. Add the report file to the Reports folder for the process template.
D. Add a report entry to the ProcessTemplate.xml in the process template.

Answer: A, D

Question: 60

DRAG DROP
Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
You need to configure TFS to send an email notification to a group of testers when a build is completed.
What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)



Answer:

Add all the testers to the team named Testers.
For the team named Testers, create a team alert for Build Completed events.
Create a team named Testers under the team projects.

Question: 61

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
You lead a team of testers that is testing a specific module of an application. You want to list only the test cases that are assigned to you testers.
You need to create a query on work items of the type Test Case.
What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

A.
• Create a team project level group for testers of your module.
• Create a work item query that uses the = operator on the Assigned To field and the group of testers.
B.
• Create a team for testers of your module.
• Create a work item query that uses the = operator on the Assigned To field and the team of testers.
C.
• Create a team project level group for testers of your module.
• Create a work item query that uses the IN GROUP operator on the Assigned To field and the group of testers.
D.
• Create a team for testers of your module.
• Create a work item query that uses the IN GROUP operator on the Assigned To field and the team of testers.

Answer: C, D

Question: 62

Your development environment includes a team project on TFSPreview. The Team Build definitions include the

standard options for staging build output when using the default template.
You need to ensure that the build output is available to anyone with access to the team project. What should you do?

A. Configure a valid UNC path (in the form \\server\share).
B. Configure the source control folder named $/<Team project name>/Drops.
C. Configure the folder for any valid source control folder.
D. Configure the build output for any SharePoint document library.

Answer: B

Question: 63

Your network environment includes a Microsoft Visual Studio Team Foundation Server 2012 (TFS) server.
You build a multi-tiered application that contains the following tiers:
User Interface
Application Services
Integration Services
Database
You need to modify the item template to meet the following requirements:
When a bug is created, the testing team is able to identify the application tier.
You are able to produce a report of bugs by tier.
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Add a control to the work item FORM. For type, select WorkItemClassificationControl.
B. Add a new FIELD called Custom.ApplicationTier Application Tier and configure its list of ALLOWEDVALUES LISTITEMS to be:
• User Interface
• Application Services
• Integration Services
• Database
C. Add a control to the work item FORM. For type, select FieldControl.
D. Add the attribute reportable^Dimension to the FIELD definition.
E. Add the attribute reportable = Measure to FIELD definition.

Answer: A, B, C

Question: 64

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. All of your Team Projects use the default Scrum process template.
You create a new work item type named AcceptanceBug.
You need to ensure that work items of this type are displayed in queries for bugs.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Add the following XML element to the Microsoft.BugCategory Category for the project: <WORKITEMTYPE name= “AcceptanceBug”/>
B. Update the work item filters in the bug-related queries to include the clause: AND [System.WorkItemType] IN GROUP ¡®Bug Category’.
C. Update the work item filters in the bug-related queries to include the clause: AND [System.WorkItemType) = ‘AcceptanceBug’.

D. Update the work item filters in the bug-related queries to include the clause: AND [System.Category] = 'Bug Category'.
E. Set the System.Category field to Microsoft.BuqCategory in the AcceptanceBug work item type definition.

Answer: A, B

Question: 65

Your network environment includes a Microsoft Visual Studio Team Foundation Server 2012 (TFS) server that uses default ports for communication. Visual Studio 2012 has been installed on your computer recently.
You need to connect to the TFS server.
What are two possible options for entering Name or URL in the Connect to TFS dialog box? (Each correct answer presents a complete solution. Choose two.)

A. Tfs1
B. http: //tfs1: 8080/tfs
C. http: //tfs1: 8080
D. http: //tfs1

Answer: A, B

Question: 66

Your network environment is configured according to the following table:

Tier	Configuration
Data	• Microsoft SQL Server 2012 • Microsoft SQL Server 2012 Analysis Services • Microsoft SQL Server 2012 Reporting Services
Application	• Microsoft Visual Studio Team Foundation Server (TFS) 2012 • Microsoft SharePoint Foundation 2010

You install Microsoft SharePoint Enterprise 2010 on a new server.
You need to change the default site collection setting for your TFS installation.
What should you do?

A. From the TFS Administration Console, update the team project collection's SharePoint default site location.
B. From IIS Manager, create an alternate access mapping for the new SharePoint default location.
C. From the TFS Administration Console, edit the SharePoint Web Application URL.
D. From the TFS Command Prompt, run the STSADM.exe command to change the TFS SharePoint default location.

Answer: A

Question: 67

You are preparing your network environment for a Microsoft Visual Studio Team Foundation Server 2012 (TFS) server.
You want to install a new Microsoft SQL Server 2012 server to use as a data-tier server.
You need to install the minimum SQL options that will support only the Microsoft Visual Studio TFS 2012 databases.
Which three SQL options should you select? (Each correct answer presents part of the solution. Choose three.)

A. Windows Authentication selected as the authentication mode
B. Database Engine Services
C. Analysis Services
D. Full-Text Search (Full-Text and Semantic Extractions for Search in SQL 2012)
E. Reporting Services

Answer: A, D, E

Question: 68

Your network environment includes the following:
Multi-tier Microsoft Visual Studio Team Foundation Server (TFS) 2012 server environment with HTTPS/ SSL configuration
Microsoft Exchange Server 2010 with SMTP listening on Port 587, requiring SSL and allowing open relay
You want to be able to inform team members about changes to projects, work items, and builds.
You need to configure email notifications for TFS 2012 using the least amount of administrative effort.
What you should do?

A.
• Log on to the application-tier server.
• From the TFS Administration Console, enable Email Alert Settings by entering the 5MW Server and the From address, and then editing the Advanced SMTP Settings.
B.
• Install and configure SMTP Service by using IIS Manager on the TFS Server.
• Log on to the application-tier server.
• From the SharePoint Central Administration website, configure outgoing email settings.
C.
• From the Command prompt, run the command TFSConfiq ConfigureMail /FrornEmailAddress: tfsadmin?contoso.com / SmtpHost: SMTPSVR1 /Port: 58] /SSL.
D.
• Install and configure SMTP Service by using IIS Manager on the TFS Server.
• Configure the TFS Email Alert Setting to use SMTP Service.
• Configure the SMTP Service to send mail to Exchange by using port 587 and SSL.

Answer: A

Question: 69

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server and a virtual test infrastructure that uses Lab Manager 2012 and System Center Virtual Machine Manager (SCVMM) 2010.
A new Hyper-V based virtual test environment is added to your network environment with its own SCVMM server.
You need to reconfigure TFS to use the new SCVMM instance.
What should you do?

A. Run the TFS[.abContig.exe command.
B. Use the TFS Administration Console.
C. Use the Visual Studio Test Controller Configuration Tool.
D. Use Microsoft Test Manager (MTM) in Lab Center mode.

Answer: A

Question: 70

You network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server with a build configuration of a single controller and numerous multi-agent computers.
You develop a variety of build types that require unique tools and specific computer's capacities.
You need to ensure that each build gets routed to one of the set of build computers configured to handle its build needs.
What should you do?

A. Match the name of your build definition to the corresponding build controller.
B. Match the build configuration of your build definition to the corresponding build agents.
C. Match the tags of your build definition to the corresponding build controller.
D. Match the tags of your build definition to the corresponding build agents.

Answer: D

Question: 71

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. Developers use Visual Studio 2012.
You recently copied your existing TFS environment onto a new set of servers on the same network.
You need to ensure that developers can continue connecting to the original TFS server.
What should you do?

A. Rename the new Team Project Collection to a unique name.
B. Run the ChangeServerID command on the new TFS environment.
C. Configure the Team Project Collections with the same name on the same network.
D. Run the ChangeServerID command on the original TFS environment.

Answer: B

Question: 72

You use Microsoft Visual Studio Team Foundation Server (TFS). Your project has two teams, Team A and Team B. AH team members are part of the global contributors group.
Your project administrator sets up a work item query folder for Team
A.
You need to configure the query folder so that only Team A members have access.
Which two actions should you perform? Each correct answer presents part of the solution.

A. Set Global Contributors to Not Set.
B. Set Global Contributors to Allow.
C. Set Team A to Explicit Allow.
D. Set Team B to Deny.

Answer: CD

Explanation:

http://msdn.microsoft.com/en-us/library/dd286628(v=vs.100).aspx

Question: 73

Your company uses Microsoft Visual Studio Team Foundation Server (TFS). You have permissions to modify work items.
The current product backlog item WIT is functioning properly. However, the product owner needs to track each product backlog item's estimated value to the company. The company has a system that ranks value by using a grading system of A-E. The company needs a new field in the product backlog item that captures this system and only allows A-E.
You need to modify the product backlog item WIT on the server.
Which two actions should you perform? Each correct answer presents a complete solution.

A. Use the TFS administration console to add a field product backlog item WIT.
B. Use the process template manager, and download the process template. Use the process template editor to edit the WIT. Upload the edited template as a new process template.
C. Use the process template editor to add a field to the existing WIT.
D. Use witadmin.exe to download the XML Edit the XML to add the field, and use witadmin to upload the edited XML document.

Answer: AB

Explanation:
http://msdn.microsoft.com/en-us/library/vstudio/ms194980(v=vs.110).aspx

Question: 74

HOTSPOT
You are finalizing the setup of your Microsoft Visual Studio Team Foundation Server (TFS) deployment. The deployment includes SQL Server Reporting Services and Analysis Services, as well as Microsoft SharePoint Products.
You need to audit your infrastructure in order to confirm that the servers are provisioned within your TFS deployment.
Your audit worksheet is displayed in the following table.

Application Area	Team Foundation Server	Team Foundation Build	Team Foundation Server Proxy	SharePoint Products	Visual Studio Lab Management
Builds	Required	Required	N/A	N/A	
Documents	Required	N/A	N/A	Required	N/A
Excel reports	Required	N/A	N/A	Required	N/A
Remote-site support	Required	N/A		N/A	N/A
Reports	Required	N/A	N/A	N/A	N/A
MTM Virtual Environments	Required	N/A	N/A		N/A

Complete your audit for the Application Areas and required servers presented in the table. Use the drop-down menus to select the answer choice that completes each statement.

Answer Area

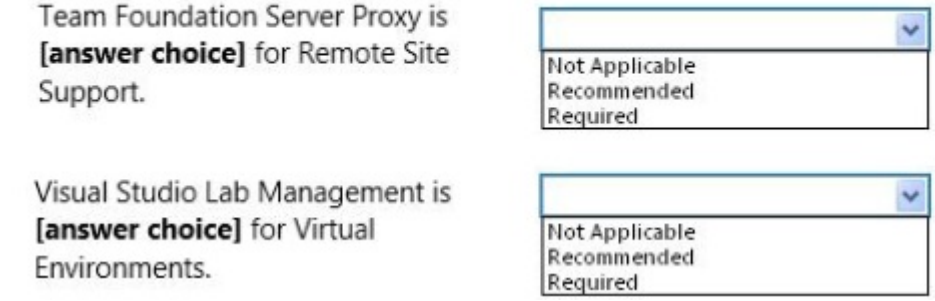
Team Foundation Server Proxy is **[answer choice]** for Remote Site Support.

Visual Studio Lab Management is **[answer choice]** for Virtual Environments.

Answer Area

Team Foundation Server Proxy is **[answer choice]** for Remote Site Support.

Visual Studio Lab Management is **[answer choice]** for Virtual Environments.

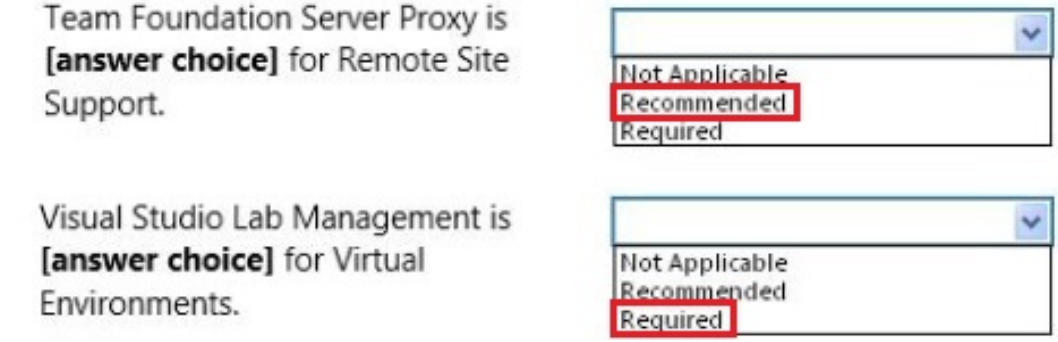


Answer:

Answer Area

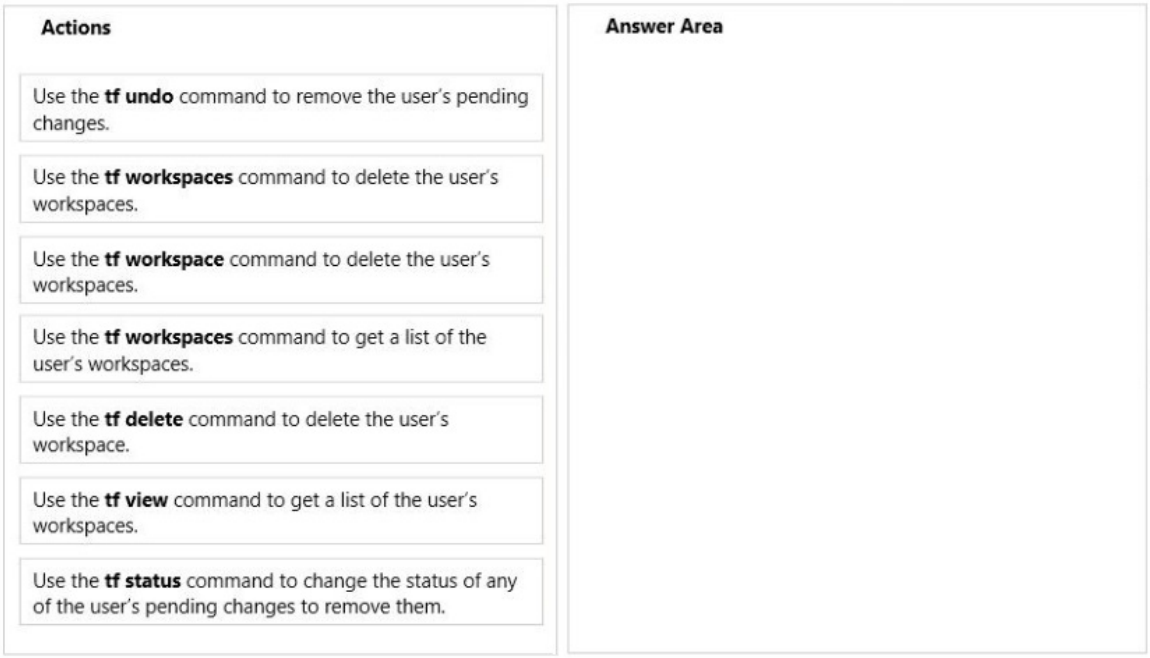
Team Foundation Server Proxy is **[answer choice]** for Remote Site Support.

Visual Studio Lab Management is **[answer choice]** for Virtual Environments.



Question: 75

DRAG DROP
Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) server.
A developer has left the company and still has files checked out. The developer's computer is no longer available to undo the checkouts.
You need to undo any checked-out files for the user. You also need to delete the user's workspace.
Which three 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.



Answer:

Use the **tf status** command to change the status of any of the user's pending changes to remove them.

Use the **tf undo** command to remove the user's pending changes.

Use the **tf workspace** command to delete the user's workspaces.

Explanation:
http://msdn.microsoft.com/en-us/library/ms245462(v=vs.90).aspx

Question: 76

You are the administrator and lead developer of Microsoft Visual Studio Team Foundation Server (TFS) for Contoso, Ltd.
You identify a security issue in one of the company's projects that you support. You trace the issue to $/Contoso/src/ReadInput.cs, but that file is locked in workspace Projectl[;nicholaspiazza] by a user who is unavailable.
You need to unlock the file.
Which command should you execute?

A. tf undo $/Contoso/src/ReadInput.cs
B. tf undo [/workspace: workspacename[;nicholaspiazza]] S/Contoso/src/
C. tf lock /loclcnone S/Contoso/src/ReadInput.cs
D. tf lock /lock: checkout $/Contoso/src/ReadInput.cs

Answer: C

Explanation:
http://msdn.microsoft.com/en-us/library/47b0c7w9(v=vs.100).aspx

Question: 77

You are the administrator of a Microsoft Visual Studio Team Foundation Server (TFS) system that uses version control proxies at remote sites to reduce the burden on the WAN.
The hard disk that stores the cache for a version control proxy server is upgraded to a larger size.
Management wants to ensure that more of the disk is used but not all of it.
You need to ensure that the proxy always uses a maximum of 15 GB for caching.
What should you do?

A. Modify the caching policy to use a PercentageBasedPolicy.
B. Change the DataDirectory to include an additional path.
C. Change the caching policy to use a FixedSizeBasedPolicy.
D. Update the CacheDeletionPercent parameters.

Answer: A

Explanation:
http://msdn.microsoft.com/en-us/library/ms400763(v=vs.100).aspx

Question: 78

HOTSPOT

You are a software developer for Contoso, Ltd. Microsoft Visual Studio Team Foundation Server (TFS) manages your code and project artifacts. The root of the project is S/Contoso/Main.
You work primarily in the $/Contoso/Main/Website folder and below it. You do not want a copy of the folder $/Contoso/Main/Website/Images due to its size.
You need to maximize your workspace for efficiency by minimizing the number of files you pull from the server.
In the table below, select which folder should be mapped as cloaked and which as active. Make only one selection in each column.

Answer Area

Folder	Cloaked	Active
$/Contoso/Main/Website	○	○
$/Contoso/Main/Website/Images	○	○
$/Contoso/Main/Website/*	○	○
$/Contoso/Main/Website/Code	○	○

Answer:

Answer Area

Folder	Cloaked	Active
$/Contoso/Main/Website	○	◉
$/Contoso/Main/Website/Images	◉	○
$/Contoso/Main/Website/*	○	○
$/Contoso/Main/Website/Code	○	○

Explanation:
http://msdn.microsoft.com/en-us/library/ms181378.aspx#mappings

Question: 79

Your team uses Microsoft Visual Studio Team Foundation Server (TFS) to manage software development processes that have multiple team projects associated to a single team project collection.
You install a second TFS server in order to establish a test environment for future changes.
You need to copy the contents of your team project collection to your new TFS installation.
Which two actions should you perform first? Each correct answer presents part of the solution.

A. Create a backup of the team project collection database.
B. Configure your new TFS to use the same databases as your initial TFS.
C. Attach the team project collection on the new server.
D. Detach the team project collection from TFS.

Answer: AB

Explanation:
http://msdn.microsoft.com/en-us/library/ms404869.aspx

Question: 80

Your company's Microsoft Visual Studio Team Foundation Server (TFS) installation has a robust data tier that includes a Data Warehouse Server and Microsoft SQL Server Analysis Services.
During the typical processing of your data warehouse, you see that the length of time it takes for the warehouse adapters to pull data from the operational store, transform it, and then write it to the warehouse is incrementally increasing.
You need to decrease the time between refreshes in order to reduce the processing time.
Which service should you access to change the settings?

A. AdministrationService
B. JobsService
C. TeamProjectCollectionService
D. WarehouseControlWebService

Answer: D

Explanation:
http://msdn.microsoft.com/en-us/library/ms244694.aspx

Question: 81

You are configuring a Team Foundation Server (TFS) Agent, which will execute an application on a Windows 7 desktop computer.
You log on to the Windows 7 desktop computer as the user who will execute the test. The test controller machine and the Windows 7 desktop computer are in the same domain.
You need to enable the TFS Agent to execute the application on the Windows 7 desktop computer.
Which two actions should you perform? Each correct answer presents part of the solution.

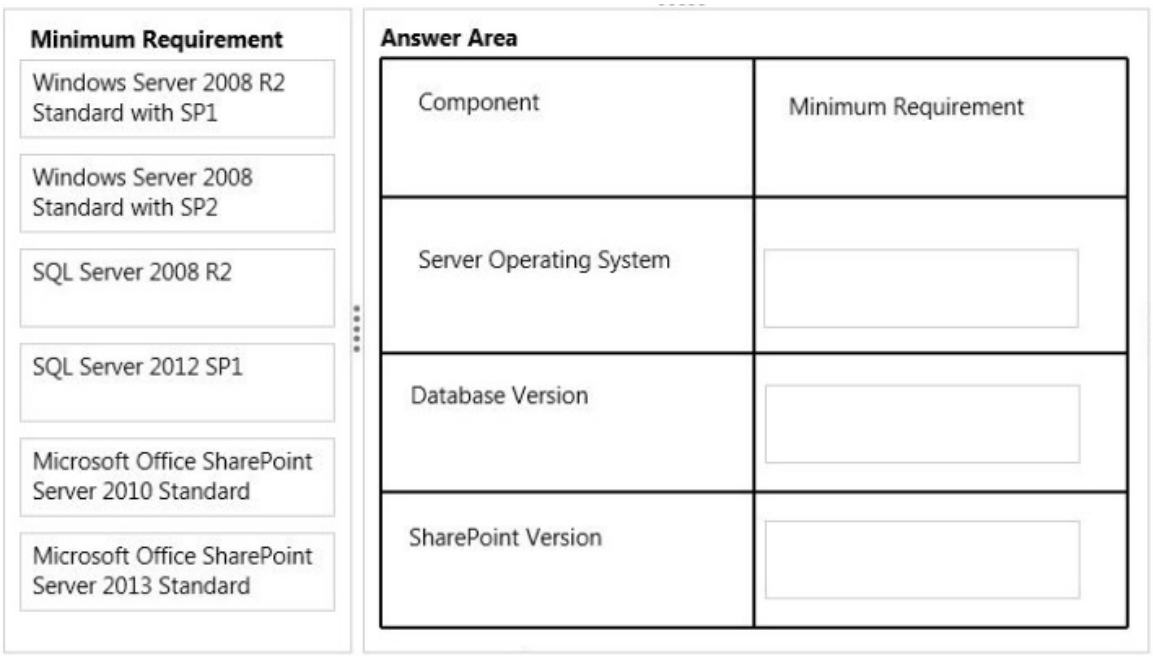
A. After performing the configuration steps, log off or reboot the Windows 7 desktop computer.
B. Create a new test controller by using a local user account that is a member of the local administrators group.
C. Add the user that was used to start the interactive process as a member of the TestAgentServiceGroup on the computer for the test controller for the agent.
D. Use the Configure Test Agent feature, and select Interactive Process for the Run option.

Answer: CD

Explanation:
http://msdn.microsoft.com/en-us/library/hh546459.aspx

Question: 82

DRAG DROP
Your company is installing Microsoft Visual Studio Team Foundation Server (TFS) 2013 in a new environment.
Your IT department has 110 developers, 25 business analysts, 50 testers, and 30 Scrum Masters who will access this new instance of TFS in various capacities.
You need to configure the servers to meet the minimum TFS 2013 system requirements.
What should you do? To answer, drag the appropriate minimum requirement to the correct component Each minimum requirement may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content



Answer:

Component	Minimum Requirement
Server Operating System	Windows Server 2008 R2 Standard with SP1
Database Version	SQL Server 2012 SP1
SharePoint Version	Microsoft Office SharePoint Server 2010 Standard

Explanation:
http://msdn.microsoft.com/en-us/library/vstudio/dd578592(v=vs.110).aspx

Question: 83

You have an existing deployment of Microsoft Visual Studio Team Foundation Server (TFS). The application tier and

data tier are on separate dedicated servers.
You need to provide redundancy to the application tier and increase performance.
Which two actions should you perform? Each correct answer presents part of the solution.

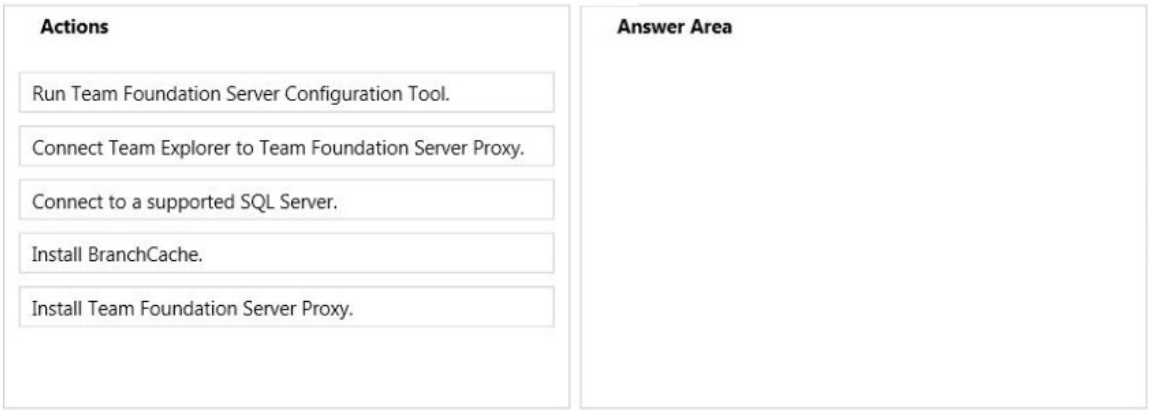
A. Set up a SQL Server failover cluster.
B. Set up Network Load Balancing.
C. Install an additional application-tier server.
D. Ensure that the application tier and configuration database are on the same server.

Answer: BC

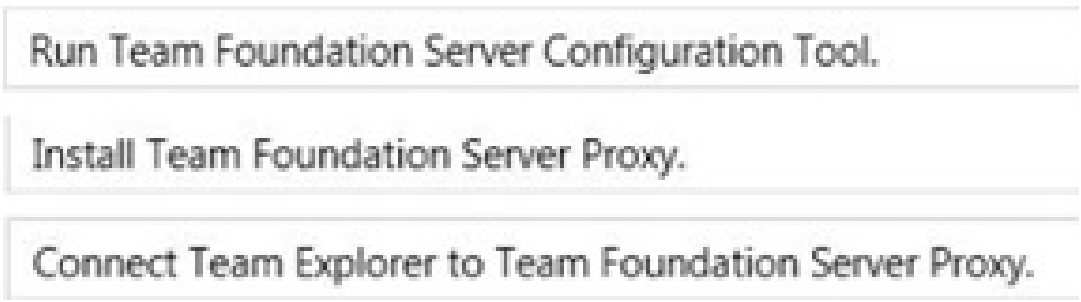
Explanation:
http://msdn.microsoft.com/en-us/library/ee259689.aspx

Question: 84

DRAG DROP
Several of your company programmers are at a remote location. They are sharing files with the main office.
You need to set up a Team Foundation Server Proxy at the remote location to reduce bandwidth usage.
Which three 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.



Answer:



Explanation:
http://msdn.microsoft.com/en-us/library/ee248710.aspx

Question: 85

You have upgraded an installation of Microsoft Visual Studio Team Foundation Server (TFS) 2013.
You need to modify an existing project on which you want to enable portfolio management.

What should you do?

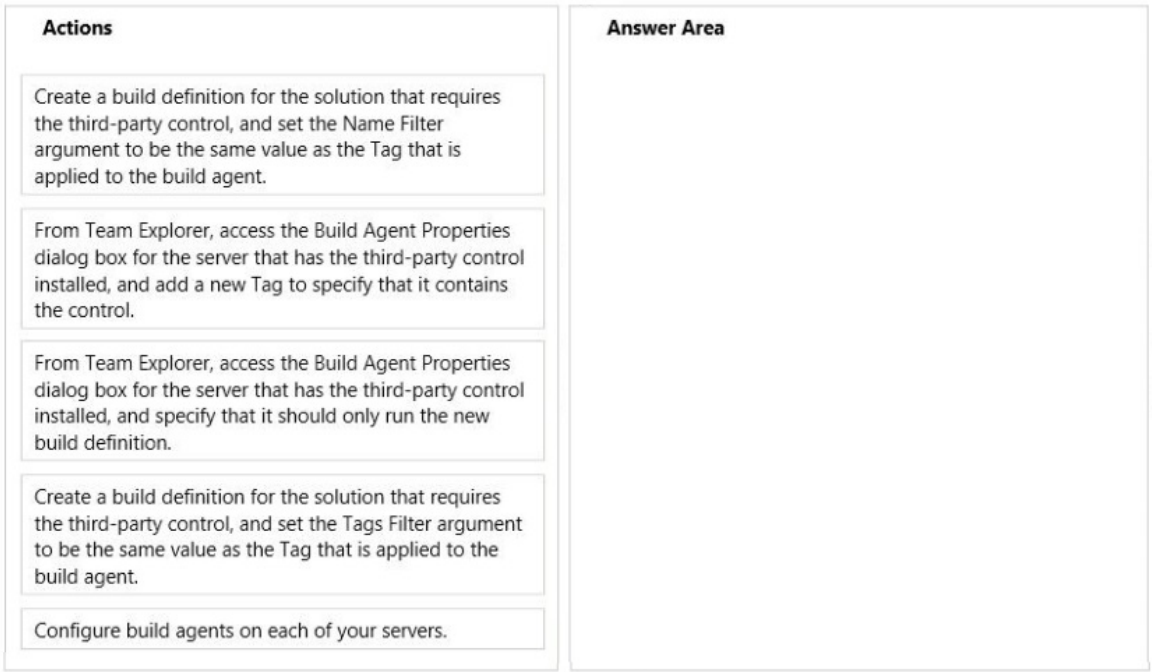
A. Update the application tier.
B. Move team projects to a project collection.
C. Update team projects with Team Explorer.
D. Run the Configure Features wizard.

Answer: D

Explanation:
http://msdn.microsoft.com/en-us/library/ff432837.aspx

Question: 86

DRAG DROP
Your team uses Microsoft Visual Studio Team Foundation Server (TFS). You use Team Foundation Build to plan your build infrastructure. You want to configure two separate servers to handle your build load.
Your team project contains ASP.NET MVC solutions. One solution needs a third-party control that can only be installed on a single build server. Your other solutions can be built on any build server. You plan to create a separate build definition for each solution.
You need to configure your build definitions so that builds are routed with the correct components to the server.
Which three 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.



Answer:

Create a build definition for the solution that requires the third-party control, and set the Name Filter argument to be the same value as the Tag that is applied to the build agent.

From Team Explorer, access the Build Agent Properties dialog box for the server that has the third-party control installed, and add a new Tag to specify that it contains the control.

From Team Explorer, access the Build Agent Properties dialog box for the server that has the third-party control installed, and specify that it should only run the new build definition.

Explanation:
http://msdn.microsoft.com/en-us/library/dd793166.aspx

Question: 87

Your software development team works within a single team project in a team project collection. You have one build controller and one build agent associated to your team project collection.
Multiple build definitions are configured. You notice that builds occasionally wait in the queue for a long time before the build starts.
You need to reduce the amount of time that your builds wait in the queue.
What should you do?

A. Change the Name filter argument on your build definition so that the build agent is found more quickly.
B. Configure your build agent to run multiple builds at the same time.
C. Configure additional build controllers, and associate them to the build agent already in use.
D. Configure additional build agents, and associate them to the build controller already in use.

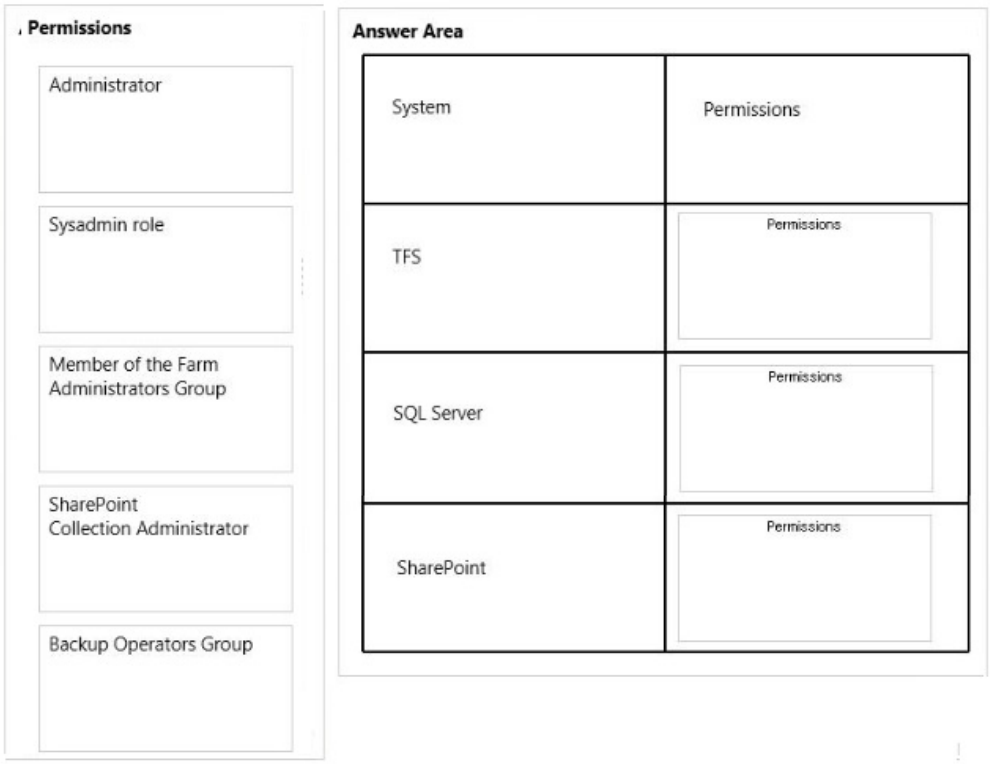
Answer: B

Explanation:
http://social.msdn.microsoft.com/Forums/vstudio/en-US/b6d12dfa-5481-41d5-8012-1f19277b358c/tfs-2012-build-taking-a-lot-of-time?forum=tfsbuild

Question: 88

DRAG DROP

Your company has a Microsoft Visual Studio Team Foundation Server (TFS) 2013. The company uses a Microsoft SharePoint instance as part of the physical TFS setup.
The IT department is configuring scheduled backups.
You need to grant the system administrators the appropriate permissions to configure the scheduled backups.
Which permissions or roles should you assign to the system administrators? To answer, drag the appropriate permissions to the correct system. Each permissions may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.



Answer:

System	Permissions
TFS	Administrator
SQL Server	Sysadmin role
SharePoint	Member of the Farm Administrators Group

Explanation:
http://msdn.microsoft.com/en-us/library/bb552341.aspx

Question: 89

Your company uses a dual-tier deployment of Microsoft Visual Studio Team Foundation Server (TFS) that is integrated with the SQL Server Reporting Services.
You are responsible for monitoring server health and performance. You notice a spike in CPU activity on the application tier.
You need to determine the cause of the CPU activity.
In which two locations should you look? Each correct answer presents part of the solution.

A. the TFS administration console
B. the TFS Command Log table
C. the SQL Server Profiler
D. the activity and job history log

Answer: AB

Question: 90

You have a newly installed Microsoft Visual Studio Team Foundation Server (TFS). Both TFS and SQL server are installed on the same server. The SQL server installation includes the database engine component only.
You need to utilize all available TFS Reporting features.
Which two actions should you perform? Each correct answer presents part of the solution.

A. Install SQL Analysis Services.
B. Enable Data Quality Services.
C. Install SQL Server Reporting Services.
D. Install SQL Server Client Tools Connectivity.

Answer: AC

Explanation:
http://msdn.microsoft.com/en-us/library/dd578652.aspx

Question: 91

Your organization uses a Microsoft Visual Studio Team Foundation Server (TFS) 2010 environment on a Windows Server 2008 R2 SP1 server.
The Windows Server 2008 R2 SP1 server has a SQL Server 2008 R2 environment, as well as a Microsoft Office SharePoint Foundation 2010 environment. Your organization wants to perform an in-place upgrade to the 2013 version of TFS.
You need to prepare the environment to meet the minimum requirements for the upgrade.
What should you do?

A. Upgrade SQL Server to SQL Server 2012 SP1.
B. Add a test lab server.
C. Upgrade the SharePoint Server to Microsoft Office SharePoint Server 2013, Enterprise edition.
D. Upgrade all tiers to Windows Server 2012.

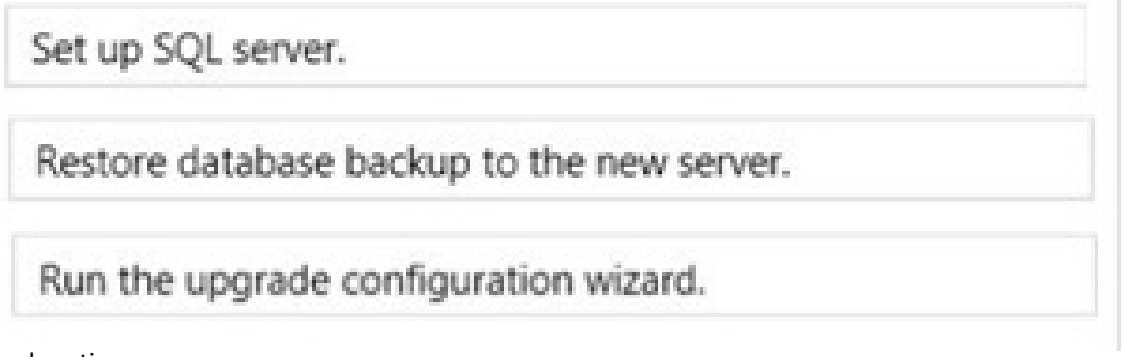
Answer: C

Explanation:
http://msdn.microsoft.com/en-us/library/ff803410(v=vs.100).aspx

Question: 92

DRAG DROP
You have a Microsoft Visual Studio Team Foundation Server (TFS) 2010. A new server is installed with Windows Server 2012 R2 Standard.
You want to migrate TFS to the new hardware and upgrade it to TFS 2013. You install TFS 2013 on the new hardware.
You need to complete the migration and upgrade.
Which three 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.

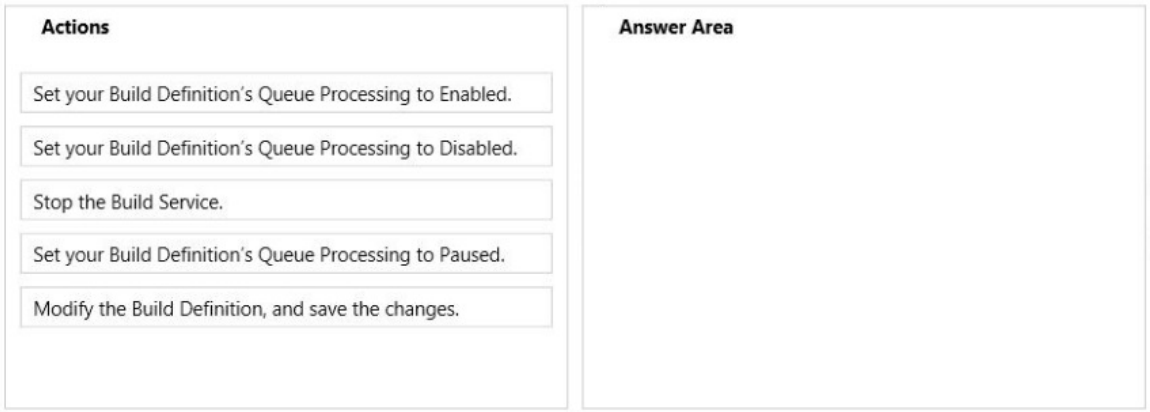
Answer:



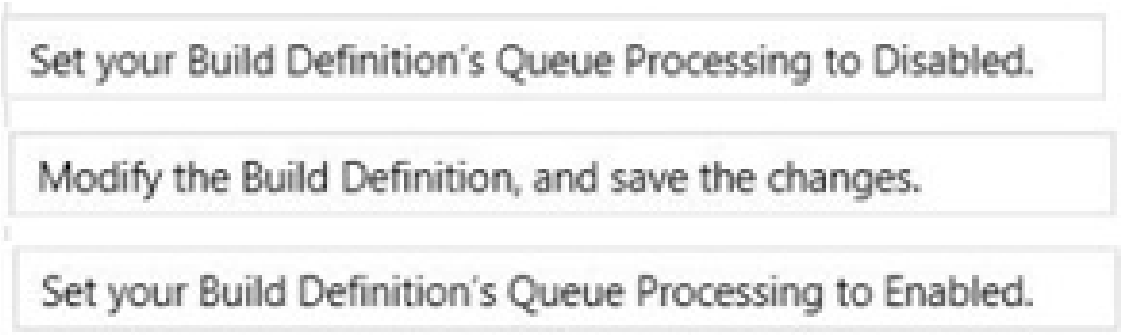
Explanation:
http://msdn.microsoft.com/en-us/library/jj620930(v=vs.110).aspx

Question: 93

DRAG DROP
Your team uses Microsoft Visual Studio Team Foundation Server (TFS) to manage automated builds.
You need to make modifications to one of your build definitions. You want your team to be able to queue new builds, but you want those builds to run only after you complete your changes.
Which three 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.



Answer:



Explanation:
http://msdn.microsoft.com/en-us/library/ms182465(v=vs.110).aspx

Question: 94

Your company has a deployment of Microsoft Visual Studio Team Foundation Server (TFS), as well as a proxy server at a development site in a different country.
You need to ensure that the proxy server can communicate with the TFS at headquarters via your company WAN.
Which network port should you use?

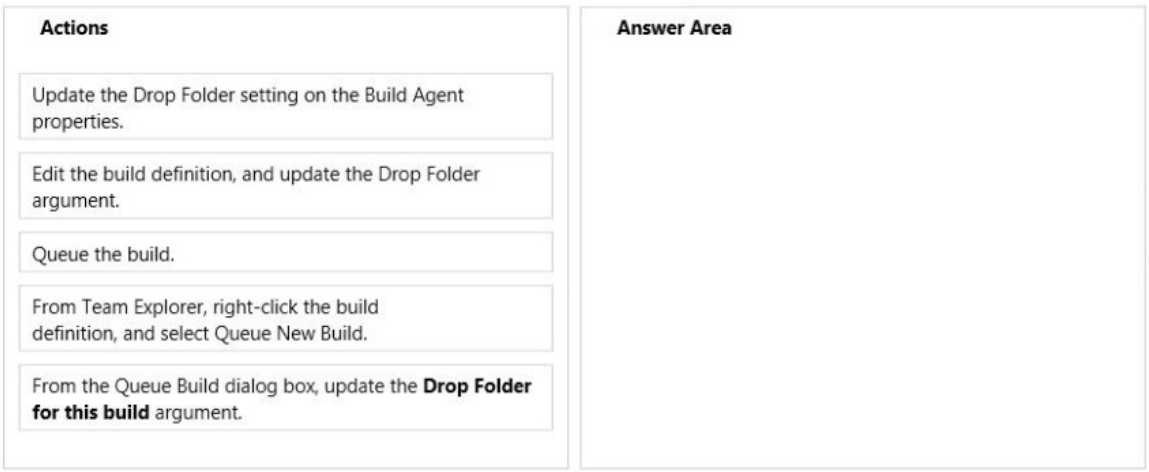
A. 80
B. 443
C. 8080
D. 8081

Answer: C

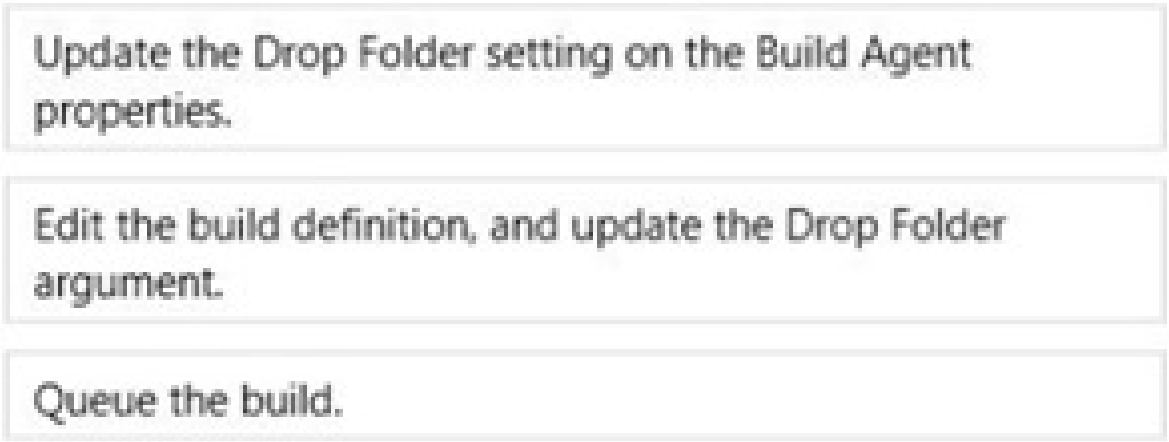
Explanation:
http://msdn.microsoft.com/en-us/library/ms181475.aspx

Question: 95

DRAG DROP
Your team uses Microsoft Visual Studio Team Foundation Server (TFS) to manage automated builds.
You want to change the drop location of a build definition during a single execution of the build. All subsequent builds for that definition should use the drop location currently defined.
Which three 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.



Answer:



Explanation:
http://msdn.microsoft.com/en-us/library/bb778394.aspx

Question: 96

You are the administrator for a Microsoft Visual Studio Team Foundation Server (TFS) installation at your company's headquarters.
Some of the company's development work is performed offsite at a location with slow Internet access. You set up a version control proxy at that site to lower the response time for those users.
You need to identify the cache hit ratio of the version control proxy to ensure that it meets a minimum service level.
What should you do?

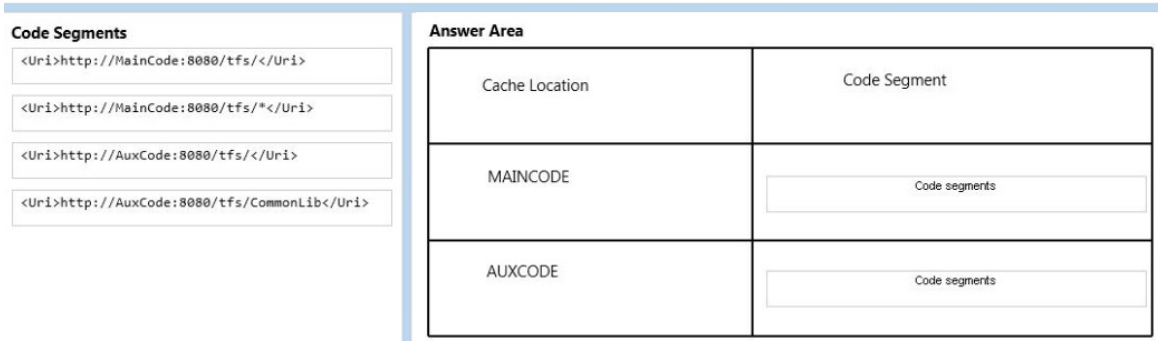
A. Read the performance counters of a client machine.
B. Start the client development environment with the /log option, do some work, and then read the log.
C. Access the ProxyStatistics web service of the version control proxy machine.
D. Read the contents of the ProxyStatistics.xml on the TFS server.

Answer: C

Explanation:
http://msdn.microsoft.com/en-us/library/ms400683(v=vs.100).aspx

Question: 97

DRAG DROP
You are the administrator of a Microsoft Visual Studio Team Foundation Server (TFS) installation.
You are configuring a version control proxy server at a remote site.
You need to configure the proxy to cache all collections on MAINCODE and only the CommonLib collection on AUXCODE. You open the proxy's Proxy.config file.
Which code segments should you include? To answer, drag the appropriate code segments to the correct cache location. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.



Answer:

Cache Location	Code Segment
MAINCODE	<Uri>http://MainCode:8080/tfs/</Uri>
AUXCODE	<Uri>http://AuxCode:8080/tfs/CommonLib</Uri>

Explanation:
http://msdn.microsoft.com/en-us/library/ms400735(v=vs.100).aspx

Question: 98

You are using Microsoft Visual Studio 2012.
A requirement has been removed and you need to update the five corresponding test cases to reflect this by changing their state.
You need to simultaneously update the state of these five test cases.
What are two possible ways to accomplish this goal? (Each correct answer presents a complete solution. Choose two.)

A. In Team Explorer, run a query that returns the five test cases. In the Results pane, highlight all five test cases and click Refresh.
B. In MTM, run a query that returns the five test cases. In the Results pane, highlight all five test cases and click Run.
C. Navigate to Web Access, run the query that returns the five test cases, select the five test cases, and edit selected work items.

D. In Microsoft Excel, open a query that returns the five test cases. Update the State field of all of the work items. Click Publish.
E. In Team Explorer, run a query that returns the five test cases. In the Results pane, update the state and save each test case.

Answer: C, D

Question: 99

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

Question: 100

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

Question: 101

You are using Microsoft Test Manager (MTM) to perform exploratory testing.
You need to insert an image into the comment area for the test run.
What are two possible ways to accomplish this goal? (Each correct answer presents a complete solution. Choose two.)

A. Use the Add screenshot tool in the exploratory test runner and drag the selection box over the area of the screen you want to capture.
B. Capture the image you want to insert by using your favorite screen capture utility and paste the image into the comment area of the exploratory testing window.
C. Capture the image you want to insert by using your favorite screen capture utility and save the file to disk. Add the image as an attachment to the test run.

D. Capture the image you want to insert by using your favorite screen capture utility. Drag and drop the file onto the comment area from the Windows Explorer.

Answer: A, C

Question: 102

You are running a manual test using Microsoft Test Manager (MTM). You have chosen to create an action recording.
You want to pause the test run and exit the test runner.
Before you exit the test runner, you need to mark the test case as being in progress.
Which action should you perform in the test runner?

A. Close
B. Return to Testing Center
C. Save
D. Save and Close

Answer: B

Question: 103

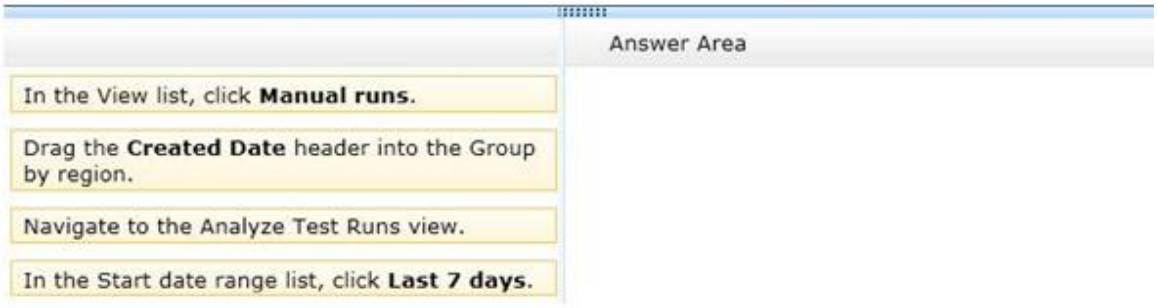
You are using Microsoft Test Manager (MTM) to run an automated test suite with 240 long-running tests.
In your test environment, you have set up four client machines to run these tests. You have assigned the Client role to all four machines.
You need to make sure that when you run the test suite, the tests are distributed equally over all four client machines.
What should you do?

A. Add an even amount of RAM to all four machines.
B. In the Test Controller Manager view, change the distribution property for the test controller to 4.
C. In the Content view, configure the test suite to use all four environments.
D. In the Test Controller Manager view, change the Weighting property for all four test agents to 60.

Answer: D

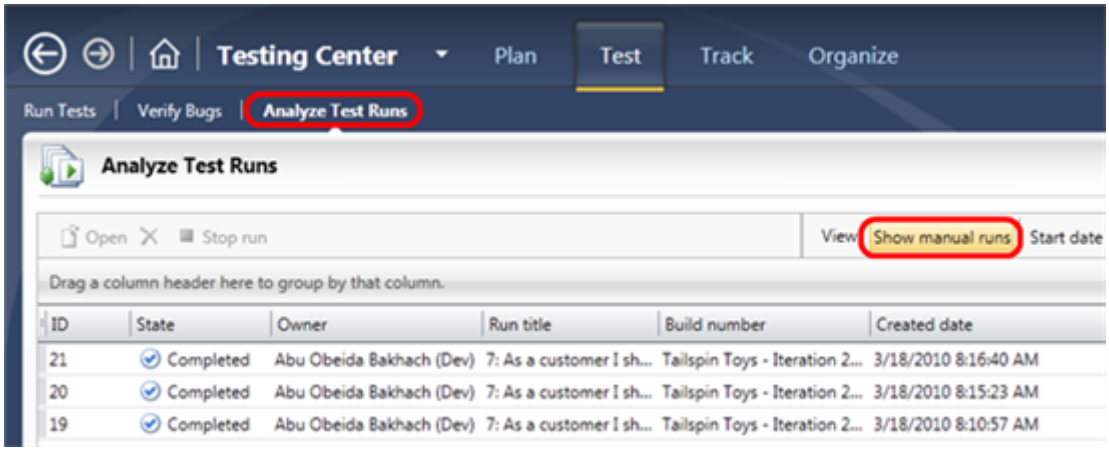
Question: 104

DRAG DROP
You are using Microsoft Test Manager (MTM) to manage your testing efforts.
You need to produce a list of manual test runs over the past week.
What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)



Answer:

Box 1: Navigate to the Analzse Test Runs view.
Box 2: In the View list, click Manual runs.
Box 3: In the Start data range list, click Last 7 days.
Explanation:
Note:
Select the Analyze Test Runs link and select the Show Manual Runs button to view the historical test runs for the current test plan. You may need to change the Start date range to All in order to see some test runs.



Question: 105

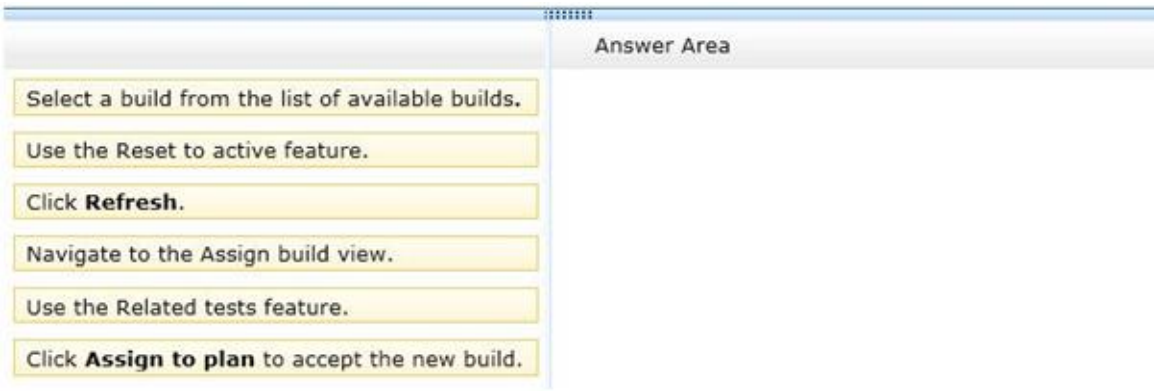
You are using Microsoft Test Manager (MTM). You are using the Microsoft Solution Framework (MSF) for Agile Software Development process template. Your TFS environment includes SharePoint Server 2010 Enterprise Edition and reporting integration.
You need to identify the number of bugs that are open and assigned to you.
What should you do?

A. Open the Track tab in MTM and click the My Assigned Bugs link.
B. Open the Bugs Dashboard and view the Bug Progress report.
C. Open a Visual Studio 2012 Command prompt and run the ActiveBugList.exe command, pasting in username as a parameter.
D. Open the Bugs Dashboard and view the Active Bugs by Assignment report.

Answer: D

Question: 106

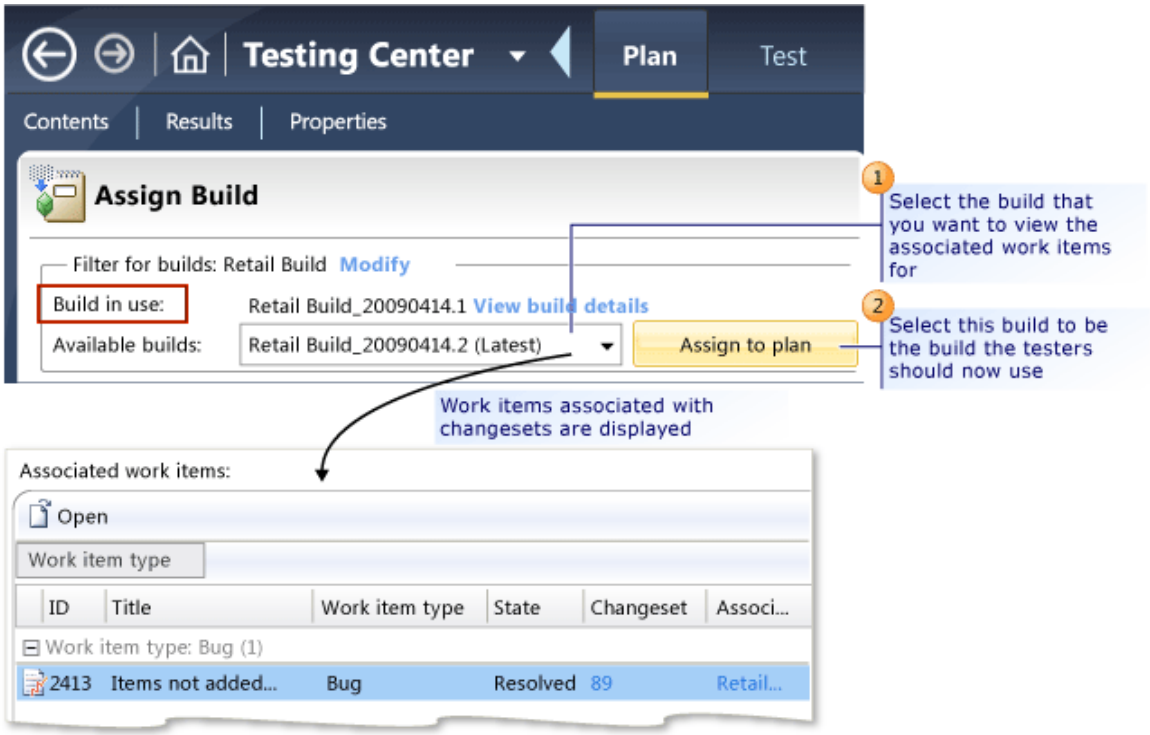
DRAG DROP
You are using Microsoft Test Manager (MTM) to manage your testing efforts.
You want to see which work items have changed since the last time you assigned a build to the test plan.
You need to assign a new build to the test plan and create a list of the bugs that have been fixed and the features that have been associated with the new build.
What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)



Answer:

Box 1: Navigate to the Assign build view.
Box 2: Select a build from the list of available builds.
Box 3: Click Assign to plan to accept the new build.

Explanation:
Note:
* To determine changes between builds and use a new build for testing
1. Open Microsoft Test Manager.
1. To check changes between builds, choose the down-arrow on the center group selector and then choose Testing Center.
2. In the center group menu bar, choose Track.
3. Choose Assign Build.
The Assign Build activity is displayed and the available builds are shown based on your build filter.
4. (Optional) To display the work items for a different build, click Available builds and select a different build.
The work items are displayed in Associated items.
5. To use a new build for your testing for this test plan, choose Available builds and select a build and then choose Assign to plan.
* After you select the build for your test plan that you are currently using, you can select a different build to see which work items have been associated with any builds between the test plan build and this selected build. Microsoft Test Manager displays the work items that have been associated with changesets checked in between any two builds, as shown in the following illustration. You can sort these work items by associated build or by the state of the work item.



Question: 107

You use Microsoft Test Manager (MTM) to manage your test environments.
You plan to test an ASP.NET website on various topologies (such as one-tier, two-tier, three-tier, and n-tier) to ensure that the website supports scalability.
You need to be able to deploy copies of predefined environments based on templates.
What should you do?

A. Create a System Center Virtual Machine Manager (SCVMM) environment for each topology and store them in the library. Use the library to deploy new environments.
B. Create new standard environments with physical machines.
C. Create new physical environments using physical machines.
D. Create new standard environments with machines that run under System Center Virtual Machine Manager (SCVMM).

Answer: A

Question: 108

You are using Microsoft Test Manager (MTM) to manage test cases.
You want to review all test cases with shared steps.
You need to build a direct links query that will generate a list of all test cases in the team project that use a shared step.
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Set the linked work items filter to Work item type = Shared Steps.
B. Set the main query to Team Project = @Project AND Work Item Type = Test Case.
C. Return all top-level work items.
D. Return only items that have the specified links.

E. Return only items that do not have the specified links.

Answer: A, B, D

Question: 109

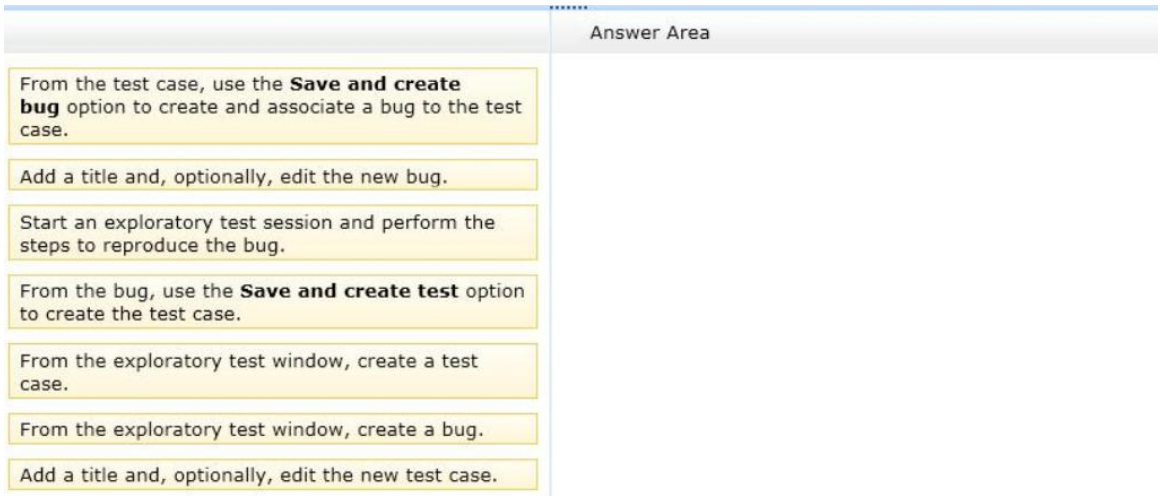
You are using Microsoft Test Manager (MTM) to run manual tests.
Testers reported a bug during a test run on the V1.0 build. A build for V2.0 has been created. Testers are still running tests against the V1.0 build.
You need to verify that the bug has been fixed in build V2.0.
What should you do?

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.

Answer: C

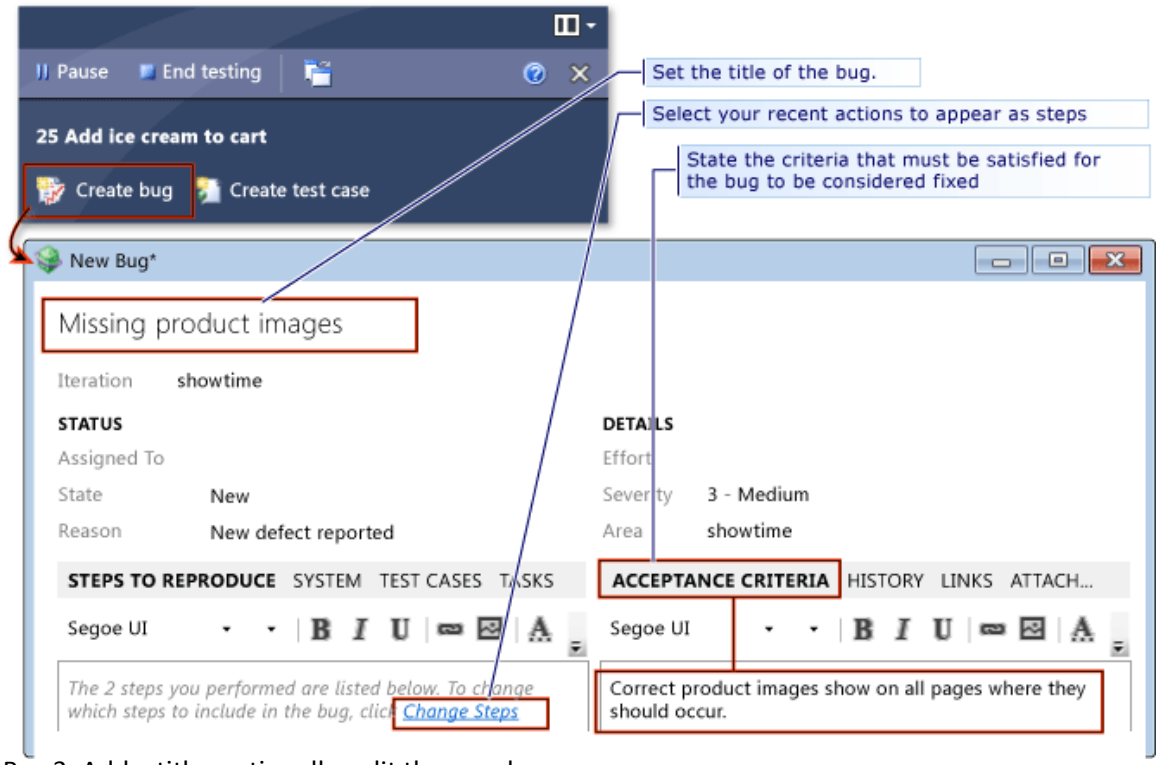
Question: 110

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.)

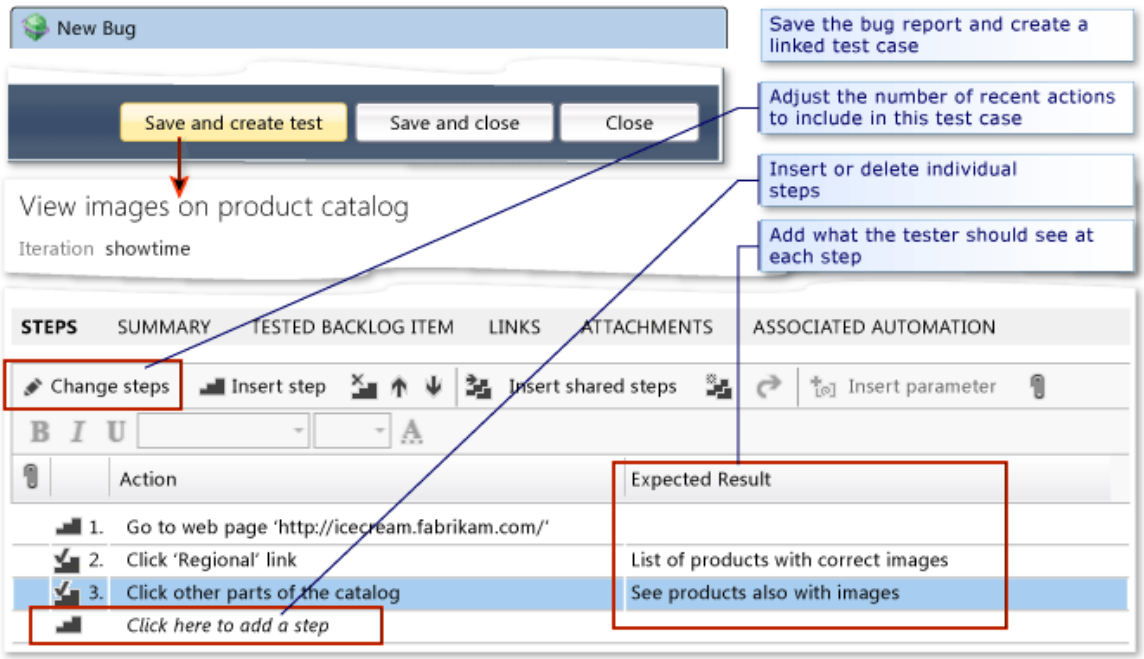


Answer:

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: 111

You are using Microsoft Test Manager (MTM). You are using the Microsoft Solution Framework (MSF) for Agile Software Development process template. SharePoint integration and reporting are enabled.
You want to assess the progress of your team's testing effort.
To do this, you need to:
Identify gaps in test coverage.

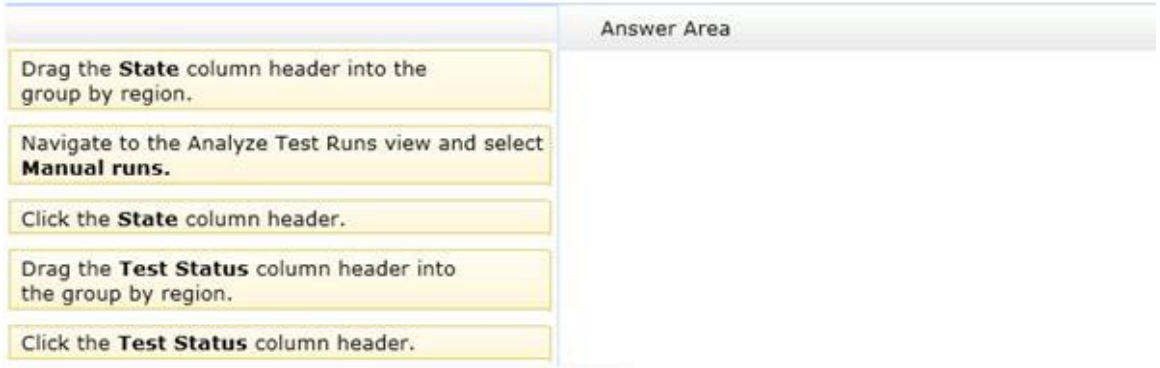
Monitor test progress for each requirement, and.
Identify how many test cases are passing or failing for each requirement.
What should you do?

A. Open the test plan in MTM and look at the test plan status.
B. From Team Explorer, open the Stories Progress report.
C. From the team portal, open the Test Plan Progress Excel Report.
D. From the team portal, open the User Story Test Status Excel Report.

Answer: D

Question: 112

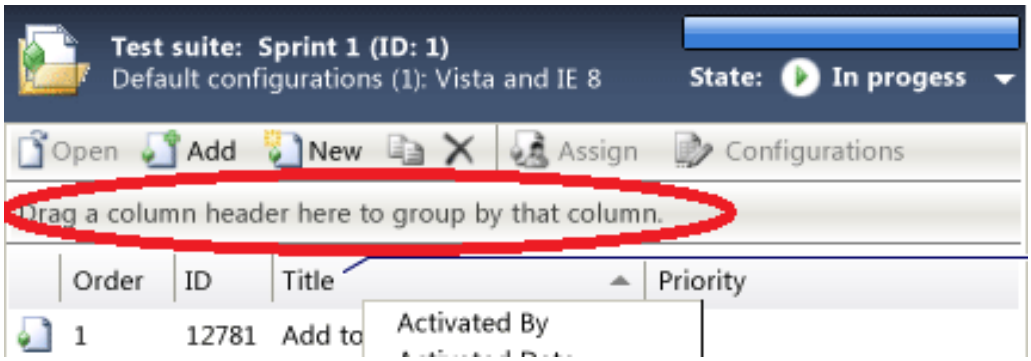
DRAG DROP
You are using Microsoft Test Manager (MTM) to manage your testing efforts.
You want to see how manual testing is going for the current plan.
You need to see a list of manual test runs grouped first by Test Status and then by State.
What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)



Answer:

Box 1: Navigate to the Analyze Test Runs view and select Manual runs.
Box 2: Drag the Test Status column header into the group by region.
Box 3: Drag the Status column header into the group by region.

Explanation:
Note:



Question: 113

You are using Microsoft Test Manager (MTM) to run a test case. During the previous run of the same test case, a bug was filed. The developer could not reproduce the bug. The test settings assigned to the test plan do not include an adapter to collect IntelliTrace data.
You have created a test setting that includes the IntelliTrace data adapter.
You need to re-run the test with the settings that have the IntelliTrace data adapter.
What should you do?

A. Select the test case. Select the Run with option. Select the test setting that collects IntelliTrace information.
B. Select the test suite that contains the test case. Click Settings, then right-click IntelliTrace to enable it.
C. Open the test case. Click Settings to select the settings that have the IntelliTrace data adapter.
D. Run the test case with its default settings. Click View Results and locate the IntelliTrace file that was created when the test case was executed.

Answer: A

Question: 114

You are a managing test cases by using Microsoft Test Manager (MTM).
You create a new configuration.
You need to select the new configuration for all test cases in a test suite.
What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

A. Select the new configuration as the default configuration for the test suite.
B. Select the test suite and use Configurations to select the new configuration for the test suite.
C. Select all of the test cases in the test suite and use Configurations to select the new configuration for the selected tests.
D. Select the test suite and use Select test configurations for all tests to select the new configuration.

Answer: C, D

Question: 115

You use Microsoft Test Manager (MTM) to conduct a manual test for an ASP.NET web application. You have created a test plan named Release 2.0.
The test plan needs to meet the following requirements:
Test runs should be able to capture event log data for the server role.
Test runs should be able to collect exceptions and specific diagnostic tracing information to isolate bugs that are difficult to reproduce.
You need to configure the Release 2.0 test plan by creating new test settings for the requirements and assigning the test settings to the test plan.
How should you configure the new test settings?

A. On the Data and Diagnostics page, select the Event Log and System Information options.
B. On the Data and Diagnostics page, select the Event Log, ASP.NET Client Proxy for IntelliTrace and Test Impact, and IntelliTrace options.
C. On the Data and Diagnostics page, select the Event Log and IntelliTrace options.
D. On the Data and Diagnostics page, select the Event Log and ASP.NET Client Proxy for IntelliTrace and Test Impact options.

Answer: B

Question: 116

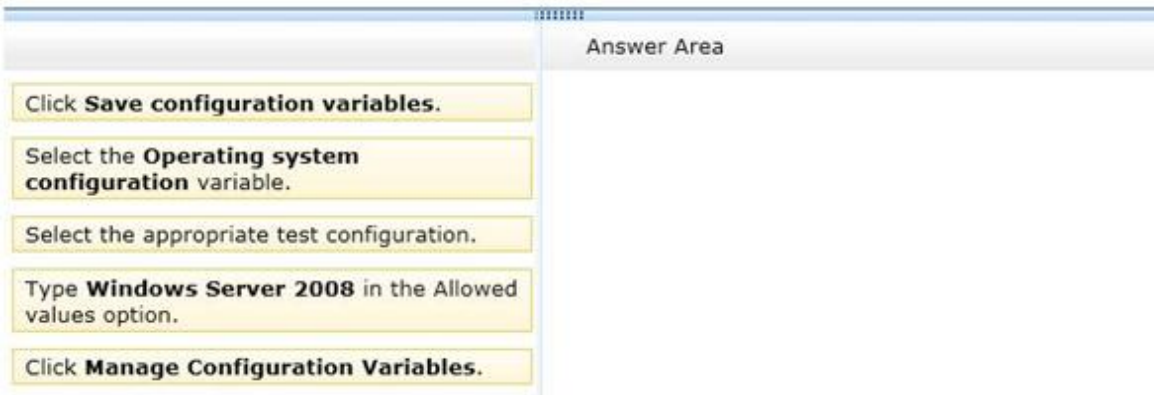
You are using Microsoft Test Manager (MTM) to create a test plan for testing an ASP.NET website.
Your test plan needs to validate a set of critical business functionalities for the current sprint. All business functionalities are documented in the requirements document published to the project portal.
You need to associate your test plan with the requirements document.
What should you do?

A. Add a link to the requirements document in the Links section of the Properties view of the test plan.
B. Click Copy Link in the Properties view of the test plan to link the requirements document on the project portal to the test plan.
C. In the Area path drop-down list in the Properties view of the test plan, right-click the test plan area path node relevant to the requirements being tested. Select Add link to associate the requirements document link on the project portal with the area path node.
D. Click Link next to the Description box in the Properties view of the test plan to link the requirements document on the project portal to the test plan.
E. Click Link next to the Name box in the Properties view of the test plan to link the requirements document on the project portal to the test plan.

Answer: A

Question: 117

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.)



Answer:

Box 1: Select the Operating system configuration variable.
Box 2: Type Windows Server 2008 in the Allowed values option.
Box 3: Click Save configuration variables.

Explanation:
Note:
To update the existing configuration variable for a test plan

1. 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.

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

a. From the Testing Center, click Plan and then click Contents.

The Contents pane is displayed.

b. Click the drop-down arrow next to Default Configurations in the test suite details pane.

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

c. Click Manage.

– or –

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

The Test Configuration Manager pane is displayed.

3. Select the configuration that has the configuration variable that you want to update.
4. Click Manage configuration variable.

The Manage Configuration Variables box is displayed.

5. On the left pane, select the variable that you want to update.
6. A list of allowed values for the selected variable is displayed on the right side pane.
7. From the list of the allowed values, select the value that you want to update.
8. Type the new value.
9. Click Save configuration variables.

Reference: How to: Update Test Configurations

Question: 118

You are using Microsoft Test Manager (MTM).
You need to assign test cases to testers so they will be able to find the tests they need to run.
What should you do?

A. Click Assign to designate the tester for each test case, then click Filter when you run the test.
B. In the Assigned to field for each test case, select the tester, then click Filter when you run the test.
C. For each test case, select the tester in the Assigned to field and use a work item query to filter on assigned test cases.
D. Create a test plan for each tester.

Answer: A

Question: 119

You plan to roll out Microsoft Test Manager (MTM). Phase 1 testing will include manual testing only. In Phase 2, you will introduce automated test suites to complement manual testing.
You plan to use diagnostic data adapters for each phase.
You need to provide the correct diagnostic data adapters.
Which data diagnostic adapter is only applicable to manual testing and would accomplish this goal?

A. Code coverage
B. Actions
C. Video Recording
D. Event Log
E. Test impact

Answer: B

Question: 120

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, and
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

Answer: B, C

Question: 121

You are using Microsoft Test Manager (MTM) to manually test for an ASP.NET website. You have previously created a test plan named QA Release 1.0 that contains 115 test cases, and you are now planning the testing for Release 2.0.
The QA Release 2.0 test plan must meet the following requirements:
All the test cases in QA Release 1.0 should be available in QA Release 2.0.
Testers should be able to change, add, or remove test cases from either the QA Release 1.0 test plan or the QA Release 2.0 test plan as required, without affecting the other test plan.
Shared steps and test configuration from the QA Release 1.0 test plan need to be reflected in QA Release 2.0 test plan.
You need to facilitate simultaneous testing of the website by creating the QA Release 2.0 test plan according to the stated requirements.
What should you do?

A. Copy the root test suite from the QA Release 1.0 test plan into the QA Release 2.0 test plan.
B. Clone the root test suite from the QA Release 1.0 test plan into the QA Release 2.0 test plan.
C. Copy all the test cases from the QA Release 1.0 test plan into the QA Release 2.0 test plan by using the Create copy option in Test Case Manager.
D. Export all the test cases from the QA Release 1.0 test plan into Excel, then import them into the QA Release 2.0 test plan.

Answer: B

Question: 122

You plan to conduct a manual test for an ASP.NET website by using Microsoft Test Manager (MTM). You create a test plan named Release 1.0 by using Testing Center in MTM.
You need to configure the Release 1.0 test plan so that all the test cases in the test plan will run against the following platforms:
Microsoft Windows 7 and Windows Internet Explorer 8
Microsoft Windows Server 2008 and Windows Internet Explorer 8
What should you do?

A. Create new test environments with the specified configuration settings and associate the newly created environment to the test plan by changing the automated test environment settings.
B. Create new test configurations with the specified configuration settings and associate the newly created configuration to the test plan by changing the configuration settings.
C. Create new test environments with the specified configuration settings and associate the newly created environment to the test plan by changing the manual test environment settings.
D. Create new test environments with the specified configuration settings and associate the newly created environment to the test plan by changing both the manual and automated test environment settings.

Answer: B

Question: 123

You create a set of test cases for a complex requirement.
The test cases should be listed in a specific order.
You need to configure a test suite and define the order of the test cases.
Which type of test suite should you configure?

A. Query-based
B. Static
C. Requirements-based
D. Order-based

Answer: B

Question: 124

You are using Microsoft Test Manager (MTM).
Your testing team is creating test cases for an application.
You need to assign the state of the test suite that contains test cases that are unavailable to run.
Which state should you assign?

A. In Planning
B. Completed
C. In Design
D. In Progress

Answer: A

Question: 125

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

Answer: B

Question: 126

You are using Microsoft Test Manager (MTM).
You plan to reduce the maintenance of test suites.
You need to create test suites for which the test cases are automatically added.
What are two possible types of test suites that achieve this goal? (Each correct answer presents a complete solution. Choose two.)

A. Exploratory-based
B. Static
C. Query-based
D. Requirements-based

Answer: C, D

Question: 127

You are using Microsoft Test Manager (MTM).
You have a large list of existing test plans that are obsolete. These test plans should be kept for historical purposes. When testers click oi the Home button to select a test plan, the list is too long to easily navigate.
You need to show only the test plans that are currently being used.
What should you do?

A. In the Test Plan Manager view, right-click each obsolete test plan and select Hide.
B. In the Test Plan Manager view, for each obsolete test plan select Delete test plan.
C. In the test plan Properties, change the State to Inactive for each obsolete test plan.
D. In the Test Plan Manager view, right-click each obsolete test plan and select Close.
E. In the test plan Properties, change the State to Closed for each obsolete test plan.

Answer: C

Question: 128

You are using Microsoft Test Manager (MTM). You are using the Microsoft Solution Framework (MSF) for Agile Software Development process template.
You have created a test plan named Validate_User_Registration that contains test cases for validating new user registrations.
All the user stories for the new user registration feature have been stored as work items in Team Foundation Server 2012.
You need to associate the user registration user stories with the test cases in the Validate_User_Registration test plan.
What should you do?

A. Open the test plan. Use the Add requirements function to add the user registration requirements.
B. Open the test cases. Upload the user registration requirements document as an attachment.

C. Open the test cases. From the Tested User Stories tab, link the test case to the associated user stories.
D. Open the test plan. Link the user registration requirements document to the test plan.

Answer: C

Question: 129

You are using Microsoft Test Manager (MTM).
You plan to redesign a group of test cases that have similar steps but test for different conditions.
You need to make the test cases easy to maintain.
What should you do?

A. Create a shared steps work item from the Shared Steps Manager view for every test case in the group and replace the test steps in the appropriate test case.
B. Convert the manual test cases to automated tests.
C. Open a test case, create a shared steps work item from the recurring test steps, and reuse this shared steps work item for the other test cases in the group.
D. Find recurring test steps in the test cases and use them to create new test cases. Replace the recurring test steps with a reference to the new test cases.

Answer: C

Question: 130

You are using Microsoft Test Manager (MTM). Your development team is using Team Foundation Server (TFS) 2012 to associate requirements with source code and to automate builds.
Your team has been testing against an old build. You want to assign a more recent automated build to the test plan.
You need to review the requirements that have been affected between the current build and the new build before assigning it to your test plan.
What should you do?

A. In the Properties View of the Plan activity, click Modify the Build In Use. Select the appropriate build in the Available builds. Review the Associated work items between selected builds list.
B. Set up a check-in policy that will force an association of a work item to the changeset.
C. In the Assign Build view of the Track tab, click Modify. In Filter for builds, select the appropriate build to preview the list of work items.
D. In the Queries view of the Track activity, create a custom query that lists all requirements that have the Fixed in Build field set to the new build. Run the build and review the results.

Answer: A

Question: 131

You are using Microsoft Test Manager (MTM).
You have test cases that use a shared steps work item. You plan to replace the shared steps work item with a new implementation.
You need to find the test cases that are using that shared steps work item.
What are two possible features you could use to achieve this goal? (Choose two. Each answer choice provides a complete solution.)

A. A Direct Links query
B. Shared Steps Manager
C. The TCM.exe utility
D. The WitAdmin.exe utility

Answer: A, B

Question: 132

You are using Microsoft Test Manager (MTM). You are using the Microsoft Solution Framework (MSF) for Agile Software Development process template.
You plan to validate that all the user stories for the current iteration will be covered by your testing efforts.
You need to create test suites that will allow you to validate user story test coverage.
Which type of test suites should you create?

A. Query-based
B. Feature-based
C. Requirements-based
D. Static

Answer: C

Question: 133

You are a test developer using Microsoft Test Manager (MTM).
The test you are developing has a two validation steps that use a parameter named TotalPrice. The feature associated with TotalPrice has changed, making the parameter and the first validation step unnecessary. The second validation step requires a new parameter named Price.
You need to delete the TotalPrice parameter, along with its data values, and add the Price parameter to the second validation step.
What should you do?

A. Delete the two validation steps and the TotalPrice parameter, and then delete the parameter values for TotalPrice.
B. Delete the first validation step and insert the Price parameter into the second validation step.
C. Delete the first validation step and rename TotalPrice to Price in the second validation step.
D. Delete the first validation step and insert the Price parameter into the Action column of the second validation step.

Answer: C

Question: 134

You are a test developer using Microsoft Test Manager (MTM).
You are developing a test case that must be run multiple times with different input values for a specific field each time. You have a list of values that will be used for the input.
You need to modify the test to enter each value into the field.
What should you do?

A. Insert a parameter into the Action column of the test step and enter the input values into the Parameter Values

pane.
B. Insert a parameter into the Expected Results column of the test step and enter the input values into Parameter values pane.
C. Insert a parameter into the Action column of the test step.
D. Create test steps for each input value in the Action column.

Answer: A

Question: 135

You are a test developer using Microsoft Test Manager (MTM).
You have a test case with a parameter variable that has several data values that are no longer needed because of a change to the specifications.
You need to remove these unneeded values.
What should you do?

A. Delete the unneeded iterations.
B. Delete the unneeded test steps.
C. Delete the unneeded parameter values.
D. Delete the old parameters.

Answer: A

Question: 136

You are a test developer using Microsoft Test Manager (MTM).
An application that you are testing has gone through a design change. The test case now has five test steps that contain obsolete parameters.
You need to completely remove these parameters, their data values, and their names, but keep the test steps intact.
What should you do?

A. Delete all of the data value iterations for the obsolete parameters by clicking Delete iteration in the Parameter Values pane.
B. Delete the obsolete parameters from the test case by clicking Rename parameter in the Parameter Values pane and replace the name with a blank replacement value.
C. Delete the test steps with the old parameters and insert a new test step in their place.
D. Delete the obsolete parameters from the test case by clicking Delete parameter in the Parameter Values pane and remove the parameter name from the test steps.

Answer: D

Question: 137

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.

Answer: C

Question: 138

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

Question: 139

You are using Microsoft Test Manager (MTM). You are using the Microsoft Visual Studio Scrum 1.0 process template.
Your client has added new capabilities to a product in development, which necessitates a major change to existing test cases. The produc owner has created a new product backlog item (PBI) and has provided you a link to a document that explains these new requirements.
You need to provide easy access to the requirements document from the test cases.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. From the Test Suite window, add the requirement document by using Add Requirements.
B. From the Links tab, link the requirements document to the PBI.
C. From the Test Plan Manager, add a link to the PBI.
D. For each test case, use the Tested Backlog Items tab to add a link to the PBI.

Answer: B, D

Question: 140

You are using Microsoft Test Manager (MTM). You are using the Microsoft Solution Framework (MSF) for Agile Software Development process template.
You plan to retest any test cases that have active bugs.
You need to review the requirements associated with the test cases prior to running the tests.
What should you do?

A. Create a query-based suite in MTM to select the matching test cases. Open each test case and validate the requirement on the Tested User Stories tab.
B. Use a work item query in Excel to list test cases and their associated requirements details.
C. Create a direct links query in MTM to select the matching test cases. Open each test case and validate the

requirement on the Tested User Stories tab.
D. In the Test tab in MTM, filter the test cases that have associated bugs. Open each test case and validate the requirement on the Tested User Stories tab.

Answer: C

Question: 141

You are using Microsoft Test Manager (MTM).
You plan to design a shared steps work item with the possibility that it will be used with multiple rows of test data.
You need to create a test case that contains the shared steps in multiple iterations. You also need to provide different test data for each iteration.
What should you do?

A. Create a copy of the shared steps work item and provide different values for the parameters in the original shared steps work item and its copy. Use the different shared steps work items in the test cases to get different test data.
B. Create an action recording of the shared steps work item and specify multiple parameter values while recording.
C. Provide default parameter values in the shared steps work item and provide different data in the test case for multiple iterations.
D. Provide multiple values for parameters in the shared steps.

Answer: C

Question: 142

You are using Microsoft Test Manager (MTM).
You are developing a test that requires a test step to verify a result against a known value. You plan to insert a new step to accomplish this task.
You need to make the new step a validation step.
What should you do?

A. Type the expected value into the Expected Result column of the new test step.
B. Type the expected value into the Action column of the new test step.
C. Add the expected result value into the Parameter Values pane.
D. Add a parameter to the Action column of the new test step.

Answer: A

Question: 143

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.

Answer: A, B

Question: 144

You are using Microsoft Visual Studio 2012 to manage test environments for your company.
You need to set up a two-computer environment for running tests. The environment needs to include:
A client computer running Windows 7 and
A server computer running Windows Server 2008 R2 SP 1, which acts as the web server and the database server.
The server computer has already been created using Microsoft System Center Virtual Machine Manager (SCVMM).
You need to create a lab environment for testing this configuration.
What should you do?

A. Install a physical machine with the client configuration. Connect both the client and the existing SCVMM server computers with Visual Studio 2012 through the Server Explorer window.
B. Install and configure a virtual machine with the client configuration by using Hyper-V. Connect both the client and the existing SCVMM server computers with Visual Studio 2012 through the Team Explorer window.
C. Install a physical machine with the client configuration. Create a new SCVMM lab environment by combining both the client and the existing SCVMM server computers by using Lab Center in Microsoft Test Manager (MTM) 2012.
D. Install a physical machine with the client configuration. Create a new standard environment, combining the client and the server machines by using Lab Center in Microsoft Test Manager (MTM) 2012.

Answer: D

Question: 145

You are using Microsoft Test Manager (MTM). You are using the Microsoft Solution Framework (MSF) for Agile Software Development process template. SharePoint integration and reporting are enabled.
You want to assess your team's testing effort.
To do this, you need to:
Identify how much testing has the team completed,
Determine whether the team is likely to finish the testing on time,
Identify how many tests have passed, failed, or blocked, and
Identify how many tests are left to be run.
What should you do?

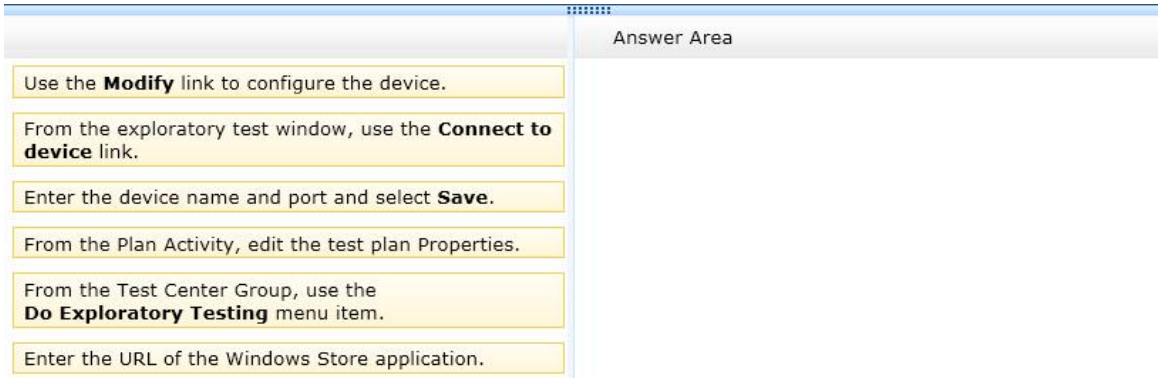
A. From the team portal, open the Test Activity Excel Report.
B. From the team portal, open the Test Plan Progress Report.
C. From the team portal, open the Test Case Readiness Excel Report.
D. Open the Test Results view in MTM.

Answer: B

Question: 146

DRAG DROP
You are using Microsoft Test Manager (MTM) to perform exploratory testing.
You need to test a Windows Store application.
You need to configure the connection to the remote device running the Windows Store application.

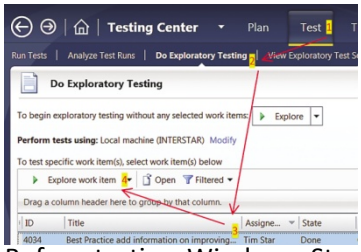
What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)



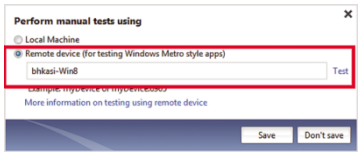
Answer:

Box 1: From the Test Center Group, use the Do Exploratory Testing menu item.
Box 2: Use the Modify link to configure the device.
Box 3: Enter the URL of the Windows Store application.

Explanation:
Note:

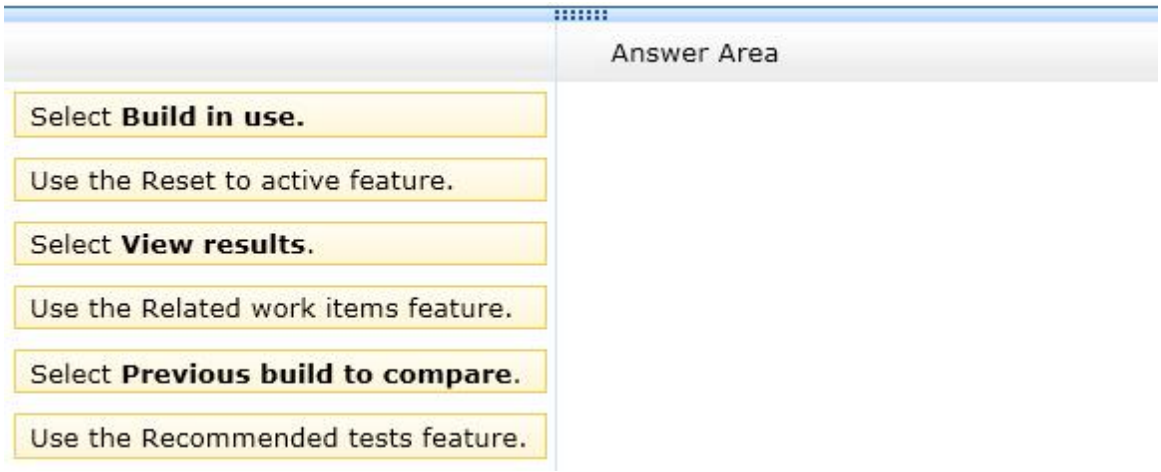


Before testing Windows Store applications, ensure the Microsoft Test Tools Adapter service is enabled. Once the service is enabled, in MTM 2012, connect to the test plan where you have your test suite. In the Testing Center, click the Modify link next to "Perform manual tests using" to specify the remote device on which to run manual tests. Select the "Remote device..." option and enter the name or IP address of the device you want to test. Click Test to test the connection and then save your changes.



Question: 147

DRAG DROP
You are using Microsoft Test Manager (MTM) to manage your testing efforts.
You plan to identify which tests are impacted by changes to the code.
You need to view a list of recommended tests from the Recommended tests view.
What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)



Answer:

Box 1: Select Previous build to compare.
Box 2: Use the Reset to active feature.
Box 3: Use the Related work items feature.

Explanation:
Note:
Find the recommended tests to run
1. Open Testing Center, Track, Recommended Tests.
2. Select a build at Previous build to compare.
3. Select the test case and configuration pairs that you want to run again, and choose Reset to active.
4. You can choose Related work items to see work items associated with all the builds between and including the build in use and the previous build you select.
Reference: Finding theTests that are Affected by Code Changes

Question: 148

You are using Microsoft Test Manager (MTM) to review the work items assigned to two of your team members.
You need to run a query from the Queries activity and compare the results to a second query without going to a second workstation.
What should you do?

A. Click the New query option to open a second Queries activity.
B. Click the Queries view to open a second Queries view, and compare the results of the two queries.
C. Click New and create a new task from the drop-down menu.
D. Launch another instance of MTM and execute a second query.

Answer: B

Question: 149

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.

Answer: C

Question: 150

You are using Microsoft Test Manager (MTM) to perform exploratory testing.
You need to ensure that any bugs or test cases created during an exploratory test session are associated with a specific requirement for the purposes of traceability.
What should you do?

A. From the Test activity, select View Exploratory Test Sessions. Open a session and click the Copy Link button.
B. From the Run Tests activity, select a test case that is a part of a requirement suite and select Run.
C. Create a requirement suite in the test plan, right-click on the suite, and select Explore Requirement.
D. From the Do Exploratory Testing activity, select Explore.

Answer: C

Question: 151

DRAG DROP
You are using Microsoft Test Manager to view user stories and tasks in a new team project.
You are building a new query that must return both work item types in a single result set.
The default clause Team Project = @Project is already specified. You need to complete the query.
What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

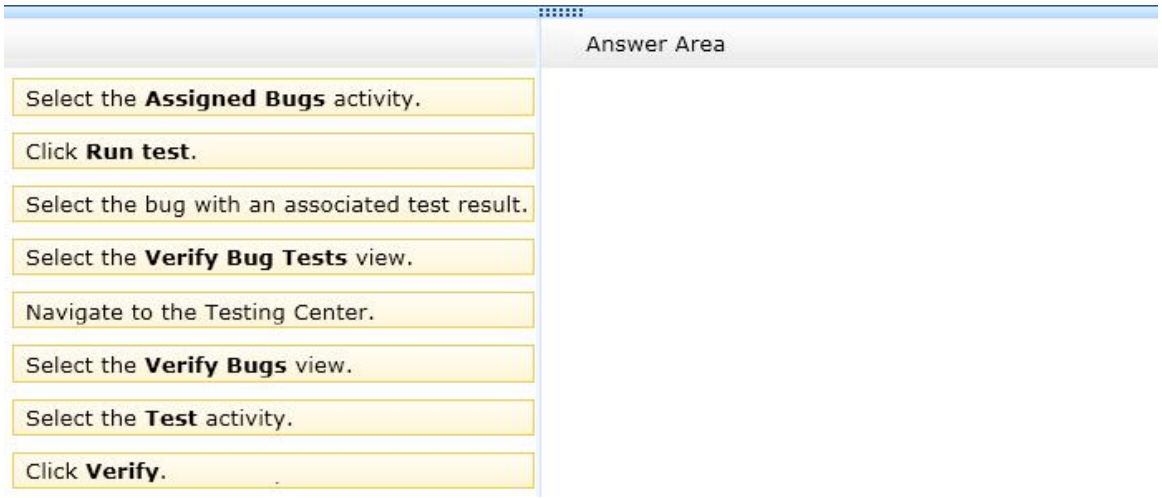
Answer:

Box 1: Add the clause And Work Item Type = User Story.
Box 2: Add the clause And Work Item Type = Task.
Box 3: Group the added clauses.

Question: 152

DRAG DROP

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.)



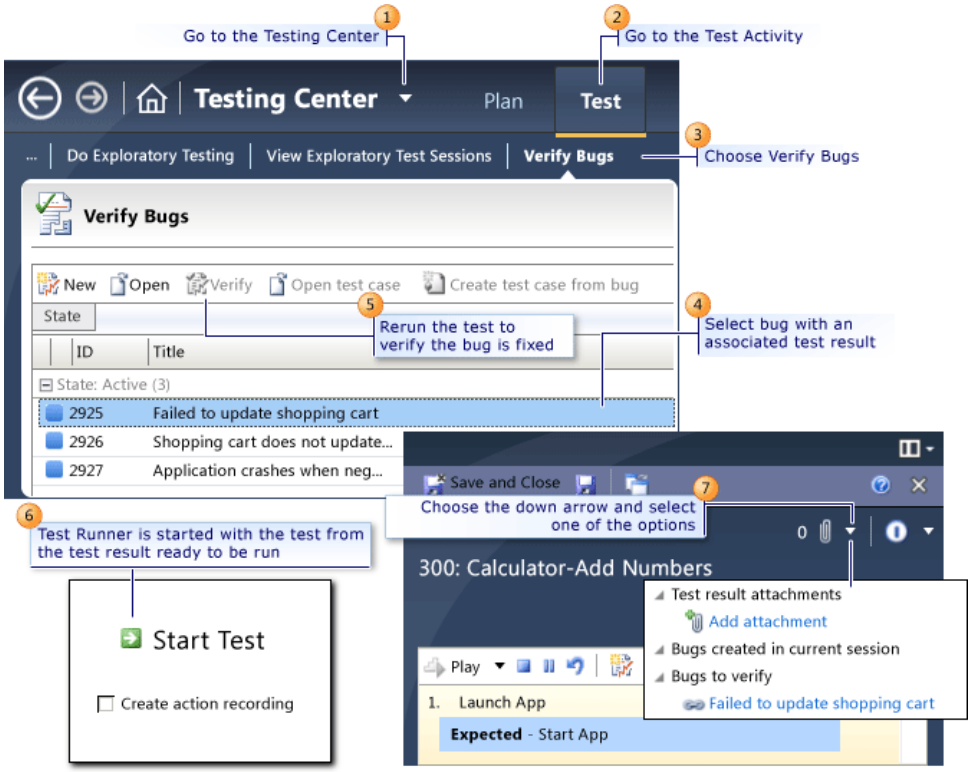
Answer:

Box 1: Navigate to the Testing Center.
Box 2: Select the Test Activity.
Box 3: Select the Verify Bugs view.
Box 4: Select the bug with an associated test result.
Box 5:Click Run test.

Explanation:
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: 153

While reviewing a bug in Microsoft Test Manager (MTM), you realize there is no test case covering the bug.
You need to create a test case from the bug, including test steps, and associate it with the test case for future reference.
What should you do?

A. In MTM, in the Verify Bugs activity, select the bug. Click Open test case.
B. Open a Visual Studio 2012 window. Select the bug and click Open test case.
C. In MTM, in the Verify Bugs activity, select the bug. Click Create test case from bug.
D. Open a Visual Studio 2012 window. Create a test case and associate it with the bug.

Answer: C

Question: 154

You are using Microsoft Test Manager (MTM). You have developed a new test case.
You need to:
Set the test case priority,
Set the area where the test will be used, and
Update the work item state to Ready.
What should you do?

A. Open the Test Configuration Manager view and change the area path, priority, and state.
B. Open the Test Plan Manager view and change the area path, priority, and state.
C. Open the test case work item and change the area path, priority, and state.
D. Open the test plan Properties view and change the area path, priority, and state.

Answer: C

Question: 155

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.

Answer: D

Question: 156

You are using Microsoft Test Manager (MTM).
You need to develop test cases that trace to a set of requirements.
What should you do?

A. Add the requirements as test step attachments.
B. Add links from the test cases to the requirements.
C. Add links from the test suite to the requirements.
D. Add the requirements as test case attachments.

Answer: B

Question: 157

You are using Microsoft Test Manager (MTM).
You have a shared steps work item that you want to hide in the Shared Steps Manager.
You need to ensure that only active shared steps work items are displayed.
What should you do?

A. Change the state of the shared steps work item to Closed, then customize the filter of the Shared Steps Manager view to display shared steps that have the status Active.
B. Delete the shared steps work item from all test cases where it is used, then delete the shared steps work item from the Shared Steps Manager.
C. For the shared steps work item, change the Show in Shared Step Manager setting to Do Not Show.
D. Change the state of the shared steps work item to Removed.

Answer: A

Question: 158

Your team is using Microsoft Test Manager (MTM).
You have a manual test case for a web page on which the user is required to enter information into several text fields.

The test takes a long time to run. According to previous test results data, there are problems with testers entering data in the wrong fields.
You need to use MTM to eliminate the repeatability issues with the least amount of effort.
What should you do?

A. Break the test up into several shorter test cases to isolate the steps that have repeatability problems.
B. Create an action recording and fast forward to repeat the test steps that have repeatability problems.
C. Convert the test case to an automated test.
D. Change the order of the test steps so the least repeatable steps are run first.

Answer: B

Question: 159

You are using Microsoft Test Manager (MTM).
An application that you are responsible for testing has been modified to include a new data entry field. This new field requires testing against a set of known test data.
You need to modify the manual test case to include input and validation data for the new data entry field to meet these requirements.
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Create a new test case for each data value to be tested.
B. Insert a test step insert a parameter into its action column to represent the input data value.
C. Insert a test step insert a parameter into its Expected Results column to represent the expected result.
D. Insert the action expected results values to the Parameter Values list pane.
E. Insert a test step for each new result data value to be tested.

Answer: B, D, E

Question: 160

You are using Microsoft Test Manager (MTM). You have created some shared steps for a recurring test sequence.
You plan to use these shared steps with fast-forward playback in multiple test cases.
You need to create an action recording for the shared steps.
What are two possible ways to accomplish this goal? (Each correct answer presents a complete solution. Choose two.)

A. Include the shared steps work item in the test case. Start running the test case with action recordings enabled. When the shared steps are reached, select Start and record.
B. Include the shared steps work item in the test case. Right-click the shared steps and click Create action recording.
C. Open the shared steps work item in Shared Steps Manager and select the tab for Create action recording.
D. From the Shared Steps Manager, select the shared steps work item and click Create action recording.

Answer: A, D

Question: 161

You are using Microsoft Test Manager (MTM). You are using the Microsoft Solution Framework (MSF) for Capability Maturity Model Integration (CMMI) Process Improvement process template. Your Team Foundation Server (TFS) 2012 server is configured to support reporting.

You are tracking testing progress for the requirements in the iteration.
You need to identify the report that provides the following:
Verify that all requirements are covered by test cases.
Determine the number of hours of work remaining for each requirement.
Determine the percentage of completion for each requirement.
Determine the number of bugs for each requirement.
Which report should you use?

A. Requirements Overview
B. Test Case Readiness
C. Remaining Work
D. Test Plan Progress

Answer: A

Question: 162

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: D

Question: 163

You are a test developer using Microsoft Test Manager (MTM).
A test case that you maintain needs to be modified to test for a series of values returned after a price calculation. You add a test step to test for these data values.
You need to add a parameter to the test case that represents the expected results.
What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

A. Click in the test step Action column, then click Insert parameter and type the parameter name.
B. Enter the parameter name into the Parameter Values field and press Enter.
C. Click in the test step Expected Result column and type the parameter name preceded by the @ symbol.
D. Click in the test step Expected Result column, then click Insert parameter and type the parameter name.
E. Click in the test step Expected Result column and type the parameter name.

Answer: C, D

Question: 164

You plan to conduct a test for a multi-tier ASP.NET website using Microsoft Test Manager (MTM). You have created a test plan named QA Release 1.0. You also have created a test setting for the QA Release 1.0 test plan with the

Database, Web Client, and Web Server roles.
The QA Release 1.0 test plan must specify that test runs:
Collect specific diagnostic trace information to help analyze bugs that are difficult to reproduce, and
Collect information about which methods of your applications code were used when a test case was run.
You need to configure the QA Release 1.0 test plan to meet these requirements.
What should you do?

A. Enable and configure the IntelliTrace, ASP.NET Client Proxy for IntelliTrace and Test Impact, and Test impact diagnostic data adapter settings.
B. Enable and configure the IntelliTrace, ASP.NET profiler, and Event log diagnostic data adapter settings.
C. Enable and configure the IntelliTrace, ASP.NET Client Proxy for IntelliTrace and Test Impact, and ASP.NET profiler diagnostic data adapter settings.
D. Enable and configure the ASP.NET profiler, Code coverage, and IntelliTrace diagnostic data adapter settings.

Answer: A

Question: 165

You are managing test cases by using Microsoft Test Manager (MTM).
You plan to test a part of your product on a specific configuration you create.
You need to ensure that new test cases in a specific test suite default to use this configuration without impacting other test suites.
What should you do?

A. Create a new test plan for testing with the specific configuration.
B. Select all test cases in the test suite and select the specific configuration.
C. Select the specific configuration as the default configuration for the test plan.
D. Select the specific configuration as the default configuration for the test suite.

Answer: D

Question: 166

You are using Microsoft Test Manager (MTM).
You plan to organize the Priority 1 test cases into a test suite.
You need to create a test suite only for Priority 1 test cases.
Which type of test suite should you create?

A. query-based
B. priority-based
C. exploratory
D. requirements-based

Answer: A

Question: 167

You are using Microsoft Test Manager (MTM).
Your company plans to support SQL Server and third-party databases for the application under test.

You need to test both the SQL Server and third-party databases using one test case to capture test results.
What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

A. Add new database run options.
B. Add new database test settings.
C. Add a new database test configuration.
D. Add new database test configuration variables.

Answer: C, D

Question: 168

You are using Microsoft Test Manager (MTM). You are supporting a set of different configurations for your product.
You plan to prepare the test plan by assigning the tester for each test case.
You need to configure the test plan to support this requirement.
What should you do?

A. Assign the tester to each combination of test case and configuration.
B. In the Assigned to field for each test case and configuration, select Tester.
C. Assign the tester as the configuration owner for each configuration.
D. Assign the tester to each combination of test suite and configuration.

Answer: A

Question: 169

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.

Answer: D

Question: 170

You are using Microsoft Test Manager (MTM). You are using the Microsoft Solution Framework (MSF) for Agile Software Development process template.
You want to organize your test cases by relating them to the user stories for the application under test.
You need to use a test suite that creates the Tests link type as you add test cases.
Which type of test suite should you create?

A. Static
B. Query-based
C. Linked
D. Requirements-based

Answer: D

Question: 171

You are using Microsoft Test Manager (MTM).
Your company has configured multiple test configurations.
You need to set all active test configurations as the default for all new test plans.
What should you do?

A. Select the Active state option for each test configuration.
B. Select the Default option for each test configuration.
C. Select multiple test configurations from the test plan.
D. Select the Assign to new test plans option for each test configuration.

Answer: D

Question: 172

You plan to conduct a test for a multi-tier ASP.NET website by using Microsoft Test Manager (MTM). You have created a test plan named Release 1.0.
Under the Release 1.0 test plan, the test run should:
Collect information about all machines on which the test is run, and
Collect each UI action performed within the Client role.
You need to configure the Release 1.0 test plan to meet these requirements.
What should you do?

A. Create new test settings for Manual Tests by using the client and server roles. Select the System information and Action log diagnostic data adapters.
B. Create new test settings for Automated Tests on the local machine. Select the IntelliTrace and Action Log diagnostic data adapters.
C. Create new test settings for Automated Tests by using the client and server roles. Select the ASP.NET profiler and Code coverage diagnostic data adapters.
D. Create new test settings for Manual Tests on the local computer. Select the System information and Code coverage diagnostic data adapters.

Answer: A

Question: 173

Your client has a Microsoft Visual Studio Team Foundation Server (TFS) 2013 installation with Lab Management. The client uses the Microsoft stack to test tools. The testing team uses manual and automated testing.
You are testing the following two scenarios of Acceptance Criteria for the story:
Scenario 1
"Given a non-rewards member goes to the reservations site,

when entering Tampa, FL, as the city
and an arrival date of 12/25/2014
and a departure date of 1/1/2015,
then the website should show a hotel room with the price of $225 per night
and another hotel room with a price of $199 per night."
Scenario 2
"Given a non-rewards member goes to the reservations site,
when entering Denver, CO, as the city
and an arrival date of 1/25/2015
and a departure date of 1/27/2015,
then the website should show a hotel room with the price of $145 per night
and another hotel room with a price of $186 per night."
You need to create a flexible manual test case that can accommodate the two scenarios. The test should include three parameters, one for the city, one for the trip dates, and one for the results.
What should you do?

A.	On the Shared Steps window, in the description, enter *@city*, *@dates*, and *@results* to be used as parameters. After *@city*, enter *{Denver, CO;Tampa, FL}*.
B.	On the Test Case window, in each appropriate test step, enter *@city*, *@dates*, and *@results* to be used as parameters. In the pane below that lists the parameter city, enter *Denver, CO*, and then *Tampa, FL*.
C.	On the Test Case window, in each appropriate test step, enter *@city*, *@dates*, and *@results* to be used as parameters. After *@city*, enter *{Denver, CO;Tampa, FL}*.
D.	On the Test Plan window, in the description, enter @city, @dates, and @results to be used as parameters. After @city, enter {Denver, CO;Tampa, FL}.

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

Explanation:
Ref:
http://msdn.microsoft.com/en-us/library/dd286655.aspx
http://msdn.microsoft.com/en-us/library/vstudio/ee348616(v=vs.110).aspx

Question: 174

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.

Answer: BC

Explanation:
http://msdn.microsoft.com/en-us/library/dd286659.aspx

Question: 175

You are the QA lead for a development team. You use the Agile process template. Your testers use Microsoft Test Manager to author and run manual test cases. The testers use requirement-based test suites to organize the test cases and link them to user stories.
You need to obtain testing status information, such as the number of tests that are passed, failed, or active. You need this information broken down by user story.
Which SQL Server Reporting Services report should you view?

A. Stories Overview
B. Stories Progress
C. Test Case Readiness
D. Test Plan Progress

Answer: A

Explanation:
http://msdn.microsoft.com/en-us/library/dd380648.aspx

Question: 176

DRAG DROP
You are the lead product tester for your company. You use Microsoft Visual Studio Ultimate to design and test your flagship product.
You restructure some of the testing to use shared steps.
You need to create an action recording for a shared step.
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
Choose **End shared steps**.	
Perform each step in the shared step, and mark the result.	
Click the **Start and record** arrow next to the shared step when the shared step is the next one to execute.	
Load a test into Test Runner, select the **Create action recording** option, and start the test.	
Load the shared step into Test Runner, and select the **Create action recording** option.	
Click the **Start** arrow next to the shared step when the shared step is the next one to execute.	

Answer:

Load a test into Test Runner, select the **Create action recording** option, and start the test.

Perform each step in the shared step, and mark the result.

Click the **Start and record** arrow next to the shared step when the shared step is the next one to execute.

Choose **End shared steps**.

Explanation:
http://msdn.microsoft.com/en-us/library/vstudio/dd420559(v=vs.110).aspx

Question: 177

DRAG DROP
Your team uses Microsoft Test Manager (MTM) to manage your test cases.
You need to execute a test case multiple times. Each time, the test case will have a different data value.
Which three 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
In the Parameter Values section of the test case, enter the iteration count for the number of scenarios that should be tested.	
Create a copy of the test case for each scenario that should be tested.	
In the Parameter Values section of the test case, set values for each parameter that is defined.	
Add a new iteration for each scenario that the test case should test.	
Go through the steps of the test case, and add a parameter for each value that should change each time the test case executes.	

Answer:

In the Parameter Values section of the test case, enter the iteration count for the number of scenarios that should be tested.

Create a copy of the test case for each scenario that should be tested.

In the Parameter Values section of the test case, set values for each parameter that is defined.

Explanation:
http://msdn.microsoft.com/en-us/library/vstudio/dd997832(v=vs.110).aspx

Question: 178

Your team uses the Microsoft Visual Studio Scrum 2013 process template in Microsoft Test Manager.
Your team wants to link all test cases to the related product backlog item or bug that they test.
You have a test case ID 121 and a product backlog item with ID 79.
What should you do?

A. Open the test case, and add a Parent link to product backlog item #79.
B. Open the product backlog item, and add a Related link to test case #121.
C. Open the product backlog item, and add a Child link to test case #121.
D. Open the test case, and add a Tests link to product backlog item #79.

Answer: A

Explanation:
http://msdn.microsoft.com/en-us/library/vstudio/ff731576(v=vs.110).aspx

Question: 179

Your development team is working through their bug backlog and tracking their progress on the Bugs dashboard.
You look at the active bugs by assignment report and notice that the average size of your team members' bands for active bugs is increasing over time.
You need to identify the issues blocking the team's progress toward resolving and closing bugs.
Which issue should you investigate?

A. The bug backlog is divided evenly across the development team for resolution.
B. The test cases are outdated and are testing the wrong code.
C. The reactivated bugs that the development team is working through are resolving faster than expected.
D. The team has reallocated members to other non-priority tasks.

Answer: D

Explanation:
http://msdn.microsoft.com/en-us/library/dd560860.aspx

Question: 180

Your company uses Lab Center during manual- and automated-testing processes for different types of testing environments.
Development operations is standardizing their processes. They want to document their best practices for environment setup.
You need to verify your setup of a standard environment, which consists of physical servers that match your production environment. However, you are unable to connect to your new lab environment.
Which action in Lab Center should you perform in order to troubleshoot the problem?

A. Repair
B. Manage
C. Connect
D. open

Answer: C

Explanation:
http://msdn.microsoft.com/en-us/library/ee390842.aspx

Question: 181

You are the product manager for Contoso, Ltd. You are using Microsoft Visual Studio to develop a new product.
Management wants to extend the audience for the new product to include Windows 8 devices. The development team creates an alpha copy of the application for initial testing. A main requirement is to test the application on a device that has never been used for testing.
You need to configure the device for testing after installing the remote debugger.
Which application should you use?

A. Microsoft Test Manager
B. Windows App Studio
C. Your Windows Store App
D. Microsoft Test Tools Adapter

Answer: A

Explanation:
http://msdn.microsoft.com/en-us/library/jj635157.aspx

Question: 182

Your company assigns you to a Scrum team. You are planning the release and sprint.
You have created global lists, which are pick lists that you can include in one or more fields and types of work items.
The product owner reviews the Product Backlog with the team and assigns each work item to a release and a sprint.
One of the fields in the work item is using the global list as the pick list.
You need to assign the minimum permissions to export the work item type definition, including the global lists.

Which two permissions should you use? Each correct answer presents a complete solution.

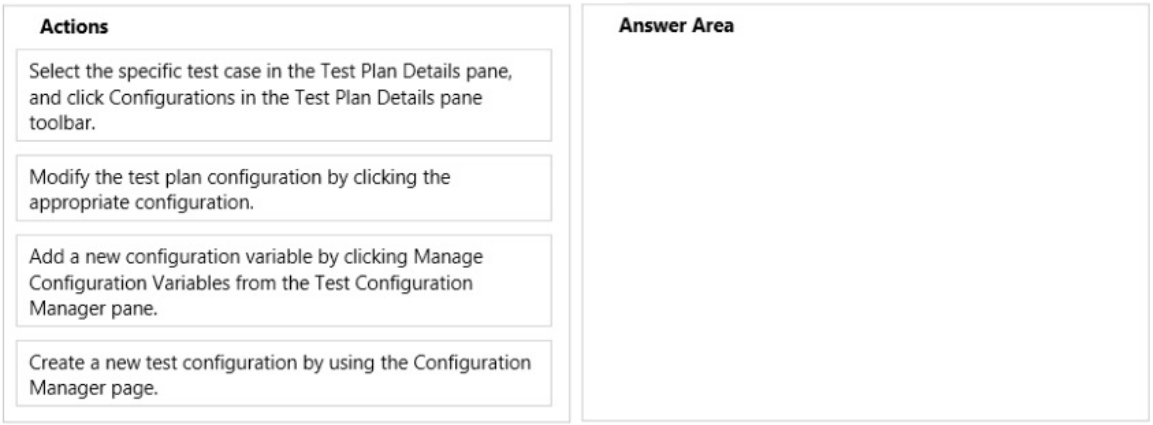
A. View collection-level information permission set to Allow
B. Member of the Project Collection Valid Users
C. View system synchronization information permission set to Allow
D. Member of the Project Administrators

Answer: AC

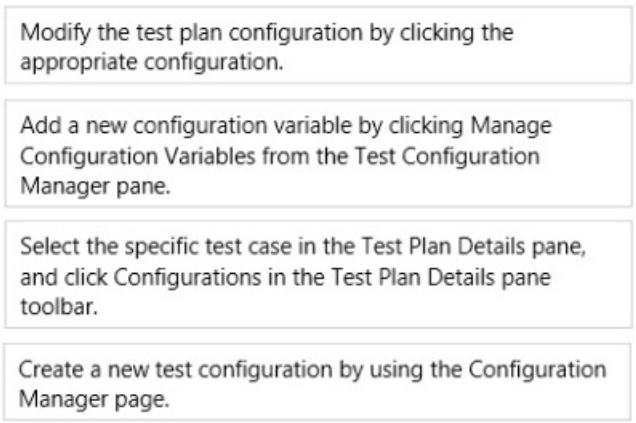
Explanation:
http://msdn.microsoft.com/en-us/library/ms252587.aspx

Question: 183

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.



Answer:



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

Question: 184

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?

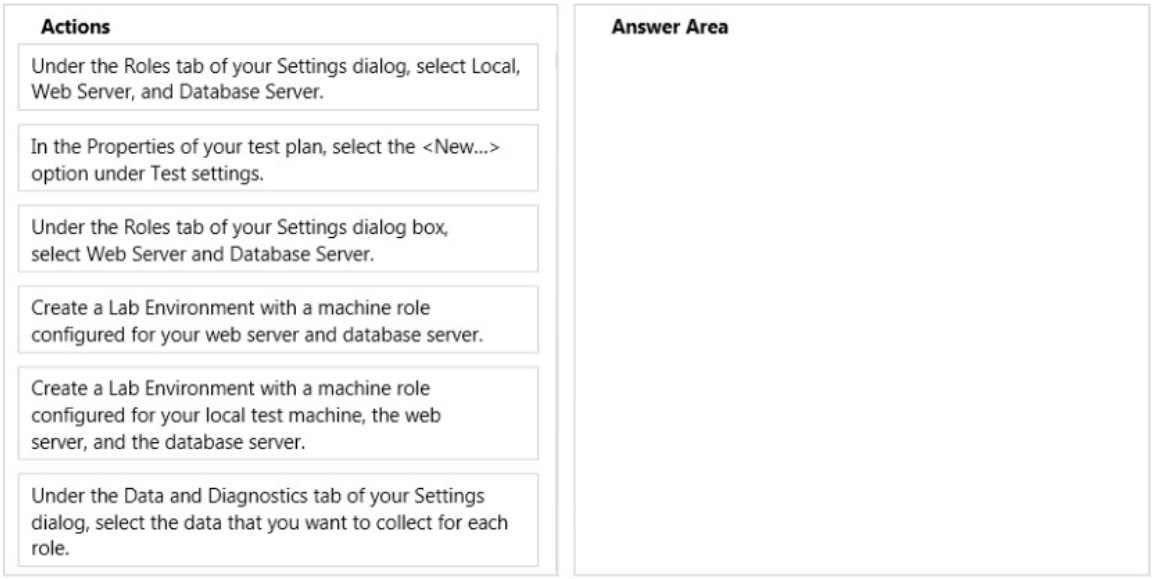
A. Create a requirements-based test suite that includes all requirements with an Area Path of Accounting.
B. Create a query-based test suite that selects all test cases with an Area Path of Accounting.
C. Create a static suite that includes all test cases, and use the Filter option to only show accounting-related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

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

Question: 185

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.



Answer:

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

Explanation:
http://msdn.microsoft.com/en-us/library/dd286743.aspx

Question: 186

Your team uses Microsoft Test Manager to manage test cases. You are creating test plans for your team to use.
You need to update your test plan properties before your team creates test suites and test cases.
Which two test plan properties should you set? Each correct answer presents part of the solution.

A. Expected Results
B. Assigned Tester
C. Area Path
D. Owner

Answer: AB

Explanation:
http://msdn.microsoft.com/en-us/library/vstudio/dd286583(v=vs.110).aspx#AssignTests

Question: 187

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 configuration for all tests for the plan that needs editing,
D. Check the Assign to new test plans check box in the Test Configuration pane.

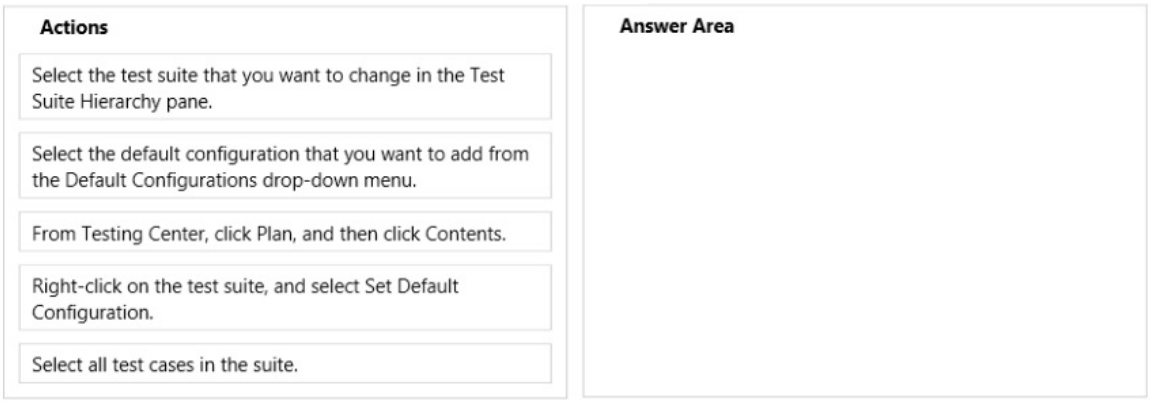
Answer: D

Explanation:
How to: Create Test Configurations

Question: 188

DRAG DROP

Your team uses Microsoft Test Manager (MTM) to manage test cases. You have a test plan with test cases organized in multiple test suites. You add a new configuration and associate it to your test plan.
You need to include the new configuration in a test suite as part of the default configurations.
Which three 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.



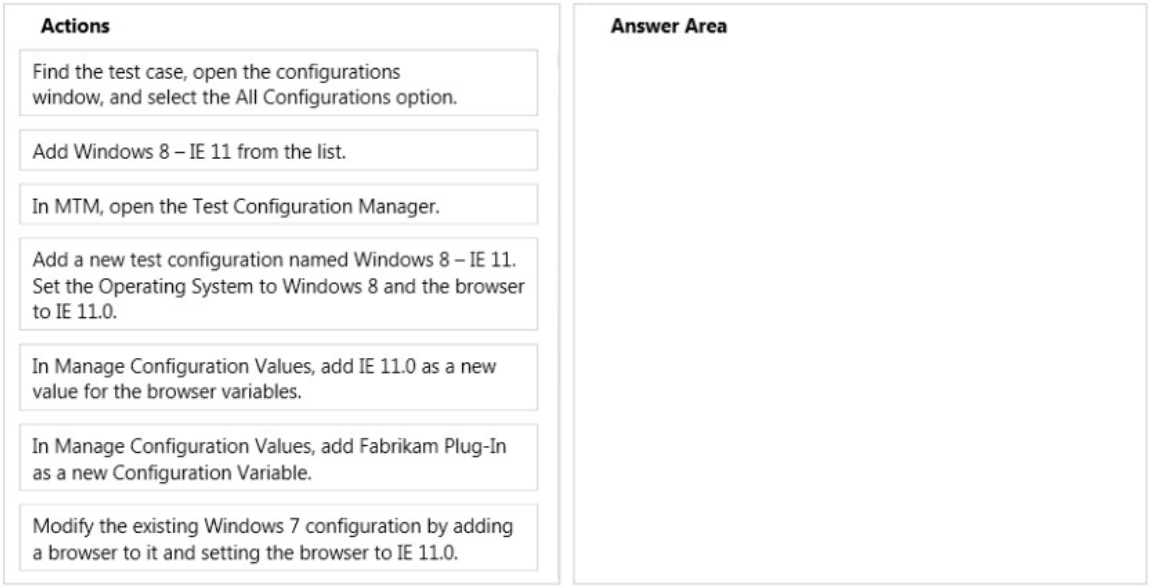
Answer:

From Testing Center, click Plan, and then click Contents.
Select the test suite that you want to change in the Test Suite Hierarchy pane.
Select the default configuration that you want to add from the Default Configurations drop-down menu.

Explanation:
http://msdn.microsoft.com/en-us/library/vstudio/dd286583(v=vs.110).aspx#CreatePlan

Question: 189

DRAG DROP
Your testing team has a Microsoft Visual Studio Team Foundation Server (TFS) 2013 with a Microsoft Test Manager (MTM) environment. No new configurations have been added yet to this environment. Your organization is upgrading all computers from Windows 7 to Windows 8.1,
The organization has decided to standardize on Internet Explorer (IE) 11 for all internal computers. As a result, the testing team needs to test everything on IE 11. Since this conversion will take a year to implement, the testing team needs to leave current configurations in place.
You need to set up an IE 11 configuration to use in your current test cases.
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.



Answer:

Find the test case, open the configurations window, and select the All Configurations option.

Add Windows 8 – IE 11 from the list.

In MTM, open the Test Configuration Manager.

Add a new test configuration named Windows 8 – IE 11. Set the Operating System to Windows 8 and the browser to IE 11.0.

In Manage Configuration Values, add IE 11.0 as a new value for the browser variables.

Explanation:
How to: Create Test Configurations

Question: 190

You are a QA tester on a development team. You are responsible for a large number of test cases on your current project.
You need to bulk edit test steps in a large group of test cases.
Which tool should you use?

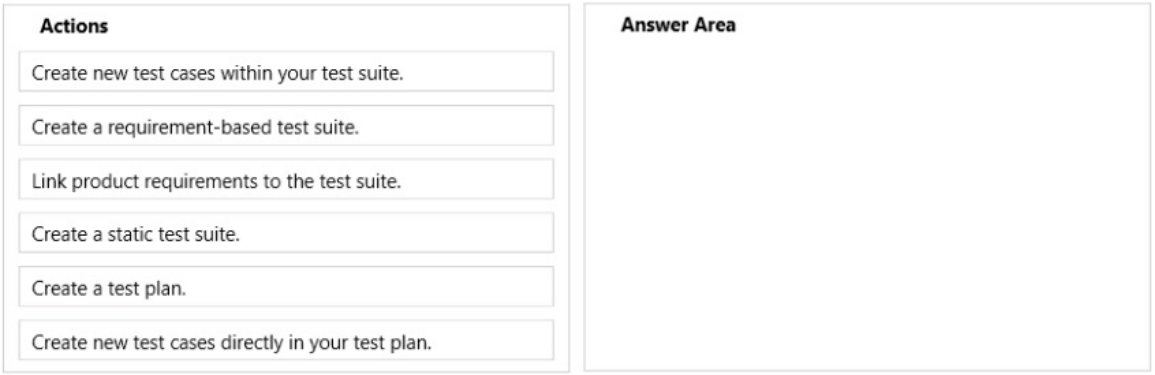
A. Web Test case Management
B. Microsoft Excel
C. Microsoft Visual Studio
D. Microsoft Test Manager

Answer: A

Explanation:
What's new in testing the application in Visual Studio 2013

Question: 191

DRAG DROP
You are a software quality manager. Your company is using Microsoft Visual Studio to develop an application.
Your development team is almost finished with its first iteration. The testing team is preparing to verify that the product requirements are met.
You need to test the requirements.
Which three actions should you perform in sequence? To answer, move the correct actions from the list of actions to the answer area and arrange them in the correct order.



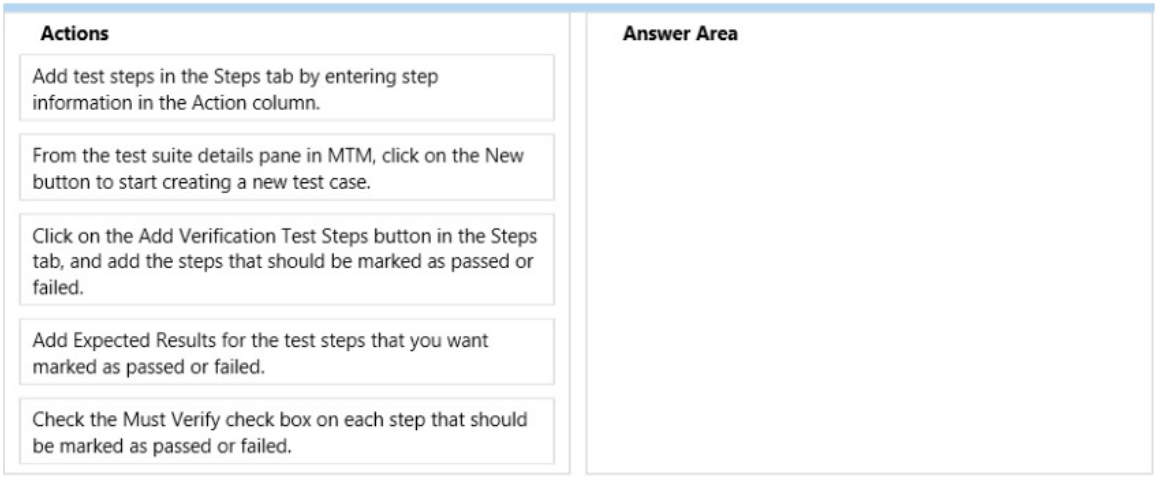
Answer:

Create a requirement-based test suite.
Link product requirements to the test suite.
Create new test cases within your test suite.

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

Question: 192

DRAG DROP
Your team uses Microsoft Test Manager (MTM) to manage test cases.
You are creating manual test cases so that your team can run the tests as part of the test process.
You need to ensure that testers have to specify whether a test step passes or fails before they finish running the test case.
Which three 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.



Answer:

From the test suite details pane in MTM, click on the New button to start creating a new test case.

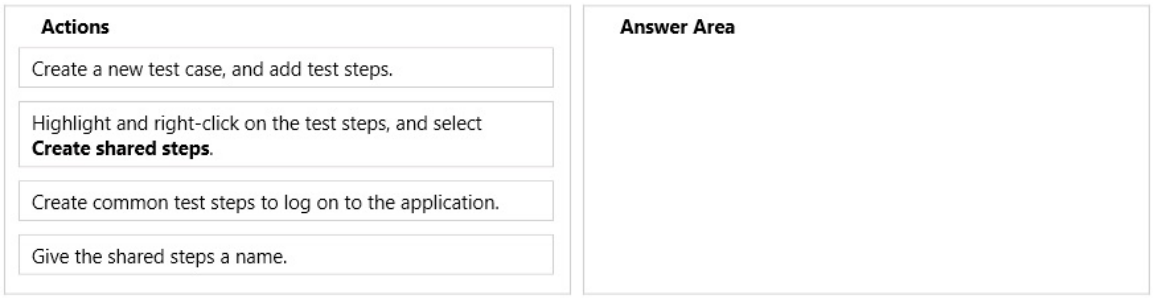
Add test steps in the Steps tab by entering step information in the Action column.

Add Expected Results for the test steps that you want marked as passed or failed.

Explanation:
http://msdn.microsoft.com/en-us/library/dd286659.aspx

Question: 193

DRAG DROP
You are the lead software tester for Contoso, Ltd. Your team uses Microsoft Visual Studio Premium 2012 to design and test all company software.
You are developing manual tests for a test plan for a new website. However, test steps that are used to log on to the application are being used by many test cases.
You need to create shared test steps.
Which three 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.



Answer:

Create a new test case, and add test steps.

Highlight and right-click on the test steps, and select **Create shared steps**.

Give the shared steps a name.

Explanation:
http://msdn.microsoft.com/en-us/library/vstudio/dd286655(v=vs.110).aspx

Question: 194

Your organization uses Microsoft Visual Studio Team Foundation Server (TFS) 2013. You are working with tests in the TFS Web Access.
You have an existing test that uses the following parameters: @city, @state, and @postal code.
You want to use the same parameters in a new test case.
Which two actions should you perform? Each correct answer presents part of the solution.

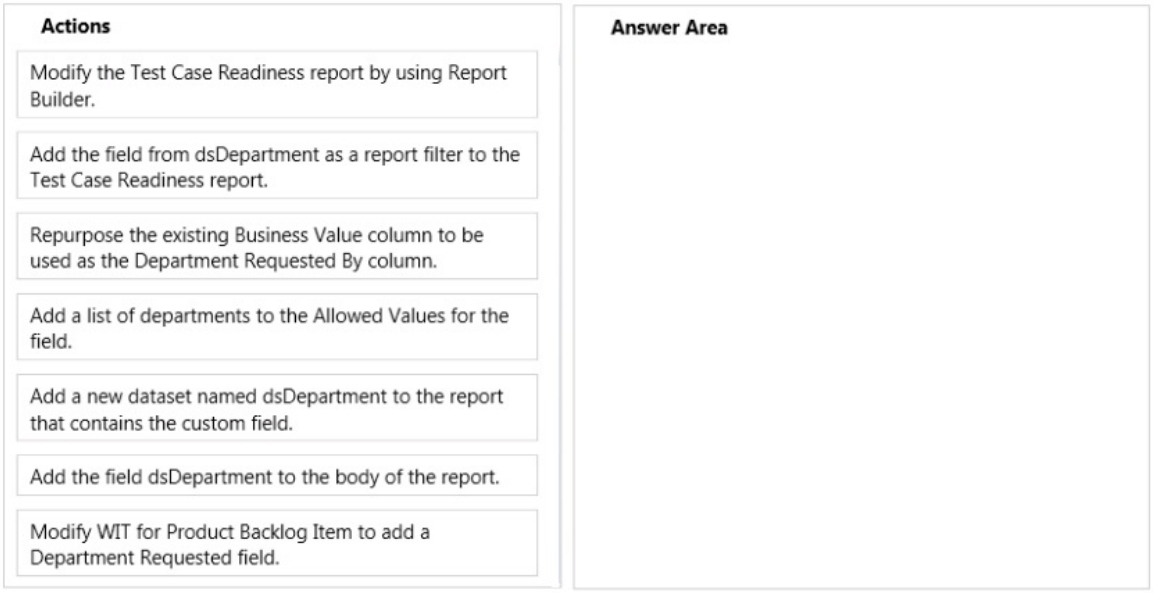
A. In the original test case, select convert to shared parameters.
B. Open the original test case, and copy the parameters.
C. Open the new test case, and paste the parameters.
D. In the new test case, select add a shared parameter set.

Answer: AB

Explanation:
http://msdn.microsoft.com/en-us/library/dd997832.aspx

Question: 195

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.



Answer:

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.

Explanation:
Create, customize, and manage reports for Visual Studio ALM

Question: 196

DRAG DROP
Your company's test team is working through their bug backlog and tracking their progress on the Bugs dashboard.
The bug backlog continues to grow, but the reports that appear on the Bugs dashboard are neither accurate nor useful.
You need to establish a best practice that will ensure the reports on the Bugs dashboard are accurate and useful.
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. More than one order of answer choices may be correct. You will receive credit for any of the correct orders you select.

Actions	Answer Area
Assign a Priority and Severity to each bug.	
List the recent changesets associated with the bugs.	
Update the status of each bug as the development team fixes, verifies, and checks it in.	
Assign each bug to the developer who is working to resolve it.	
Update the status of recent builds.	
Define the bugs, and specify the Sprint and Area/Subarea Paths.	

Answer:

Assign a Priority and Severity to each bug.

Update the status of each bug as the development team fixes, verifies, and checks it in.

Assign each bug to the developer who is working to resolve it.

Update the status of recent builds.

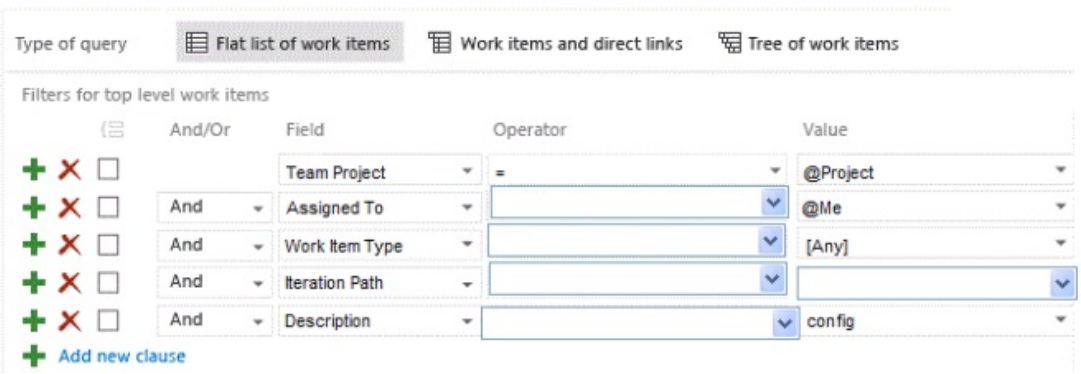
Explanation:
http://msdn.microsoft.com/en-us/library/dd560860.aspx

Question: 197

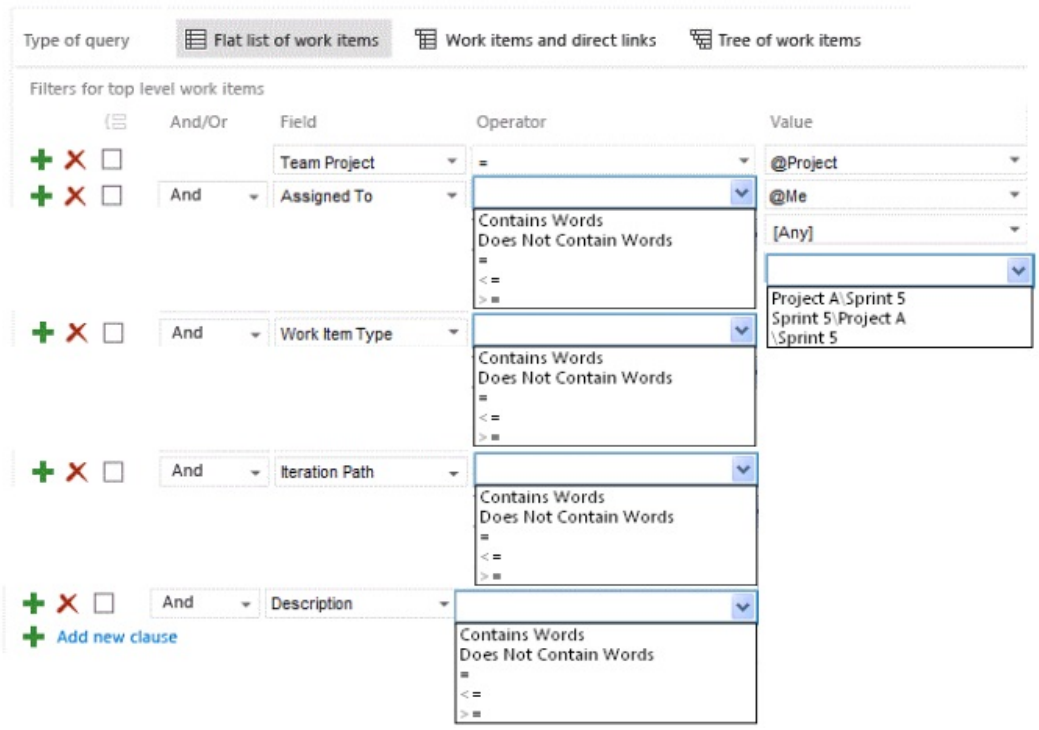
HOTSPOT
You are a development operations engineer. You are a member of the development team and are working on Project

A. You are in the middle of a Sprint 5.
The developers assign work items that instruct you to make changes to config files for web services. The development team needs to add a new functionality to the web services during the sprint.
You need to query the work items assigned to you that are related to the new functionality.
Which filters should you configure in order to build a flat list of work items? To answer, configure the appropriate options in the dialog box in the answer area.

Answer Area

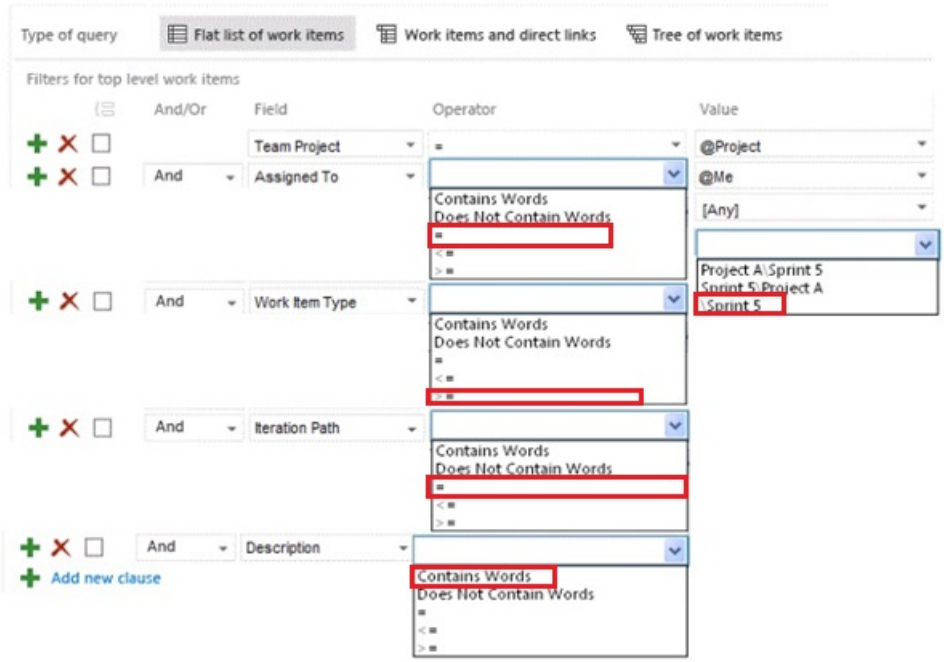


Answer Area



Answer:

Answer Area



Explanation:
Query for work items
Query fields, operators, values, and variables

Question: 198

You are the lead developer and architect of a development team that develops line of business (LOB) applications.

You need to define an architectural design process for the LOB applications.
Which three architectural goals and principles should you adopt? (Each correct answer presents a complete solution. Choose three.)

A. Build to change, instead of building to last.
B. Model to analyze and reduce risk.
C. Consider the team velocity.
D. Use models and visualizations as a communication and collaboration tool.
E. Baseline the architecture to ensure consistency and minimize deviation.

Answer: A, B, D

Explanation:
Consider the following key principles when designing your architecture:
Build to change instead of building to last. Consider how the application may need to change over time to address new requirements and challenges, and build in the flexibility to support this.
Model to analyze and reduce risk. Use design tools, modeling systems such as Unified Modeling Language (UML), and visualizations where appropriate to help you capture requirements and architectural and design decisions, and to analyze their impact. However, do not formalize the model to the extent that it suppresses the capability to iterate and adapt the design easily.
Use models and visualizations as a communication and collaboration tool. Efficient communication of the design, the decisions you make, and ongoing changes to the design, is critical to good architecture. Use models, views, and other visualizations of the architecture to communicate and share your design efficiently with all the stakeholders, and to enable rapid communication of changes to the design.
Identify key engineering decisions. Use the information in this guide to understand the key engineering decisions and the areas where mistakes are most often made. Invest in getting these key decisions right the first time so that the design is more flexible and less likely to be broken by changes.
http://msdn.microsoft.com/en-us/library/ee658098.aspx

Question: 199

You are the product owner for a new application. You have the list of product backlog items (PBIs) with assigned business values for the first release of the application. You will be working with an established scrum master and development team. You know the team's capacity and the planned sprint duration.
You need to plan the release schedule based on your existing backlog.
Which three actions should you and the team perform? (Each correct answer presents part of the solution. Choose three.)

A. Ask the development team to decompose the PBIs into individual tasks and estimate hours.
B. Ask the development team to provide high level estimates to complete each PBI.
C. Assign the PBIs to different sprints to define the release.
D. Use the TFS 2012 task board features.
E. Schedule the release using the Iteration Planning workbook.
F. Order the product backlog by business value.

Answer: B, C, E

Explanation:
Not clear because according to Planning a release they say:
Note Release planning is no longer an official event in Scrum. It's assumed that every organization will do some level

of release planning. As far as Scrum is concerned, keeping the Product Backlog healthy and estimated is the best input for accurate release planning.
Professional Scrum Development with Microsoft Visual Studio 2012 p.160

Question: 200

You manage a development team that uses the Microsoft Visual Studio Scrum 2.0 process template.
You establish a product backlog, allocate backlog items for a sprint, and define the tasks required to complete the sprint.
You need to ensure that the agreed upon work is assigned to team members.
Who should be responsible for assigning work to team members?

A. Team members
B. Product owner
C. Scrum master
D. Team lead

Answer: A

Explanation:
In Scrum, work should never be directed or assigned. When creating or updating a task, don't assign it to anyone who doesn't request the work.
Professional Scrum Development with Microsoft Visual Studio 2012 p.183

Question: 201

Your development team uses the Microsoft Visual Studio Scrum 2.0 process template. You are the product owner.
Your product backlog includes a number of items that appear to have equal priority. However, the items have differing business value, complexity, and risk.
You need to order the backlog based on risk, complexity, and business value.
What should you do?

A. Work on items with the highest ratio of business value to effort first.
B. Work on items that have the highest effort first.
C. Work on items that have the lowest effort first.
D. Assign a risk factor to each product backlog item and work on items with the highest risk factor first.
E. Work on items that have the highest business value first.

Answer: A

Explanation:
The Product Backlog should be ordered by the Product Owner to maximize the value of the software being developed. He or she will know what features and bug fixes need to be developed before others.
Release planning depends on the backlog being correctly ordered. The order can be based on many factors: business value, risk, priority, technical value, learning value, or necessity.
Items at a higher order are clearer and more detailed than lower-ordered ones. Effort estimates are more accurate on these items as well. In fact, the higher the order, the more a PBI or bug has been considered, and the consensus is greater regarding it, its value, and its cost.
Professional Scrum Development with Microsoft Visual Studio 2012 p.156

Question: 202

You are developing release plans for a new software development project.
You need to document a flexibility matrix.
Which three elements should you use? (Each correct answer presents part of the solution. Choose three.)

A. schedule
B. risk mitigation
C. scope
D. cost or resources
E. decision-making authority
F. solution architecture

Answer: A, C, D

Explanation:
http://pm-lotus.com/Wordpress/2009/09/15/the-flexibility-matrix/

Question: 203

You are utilizing the Microsoft Solution Framework (MSF) for Agile Software Development 6.0 process template.
You need to track progress for the current sprint.
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Review team capacity.
B. From the Product Backlog view of the current sprint, review the By Work capacity bars for each contributor.
C. Review the task board.
D. Review the burndown chart.
E. From the project portal, review the Iteration Backlog spreadsheet.

Answer: A, C, E

Question: 204

You are part of a scrum team that is trying to identify user stories to complete in the next sprint.
You and the team need to select user stories for the next sprint.
What should you do?

A. Have the product owner decide which user stories to complete within the sprint.
B. Have the scrum master decide which user stories to complete within the sprint.
C. Have the team decide which user stories to complete within the sprint.
D. Order the user stories by their story points. Select the top stories based on the team's velocity.

Answer: C

Explanation:
The Sprint is a fixed-length event (30 days or less) in which the Development Team forecasts items from the Product Backlog and develops the items in the Sprint Backlog according to the acceptance criteria and their Definition of "Done."

Professional Scrum Development with Microsoft Visual Studio 2012 p.169

Question: 205

Your development team uses the Microsoft Visual Studio Scrum 2.0 process template.
The team has identified items from the product backlog for the next sprint.
You need to ensure that the team has adequate capacity to complete the next sprint.
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Review the sprint Burndown chart.
B. Have the team assign hour estimates to each sprint task.
C. Review the sprint backlog.
D. Assign story points to each item in the product backlog.
E. Review the product backlog with forecast set to On to determine if the sprint can be completed based on the team's velocity.
F. Set each team member's per day capacity.

Answer: C, E, F

Explanation:
Sprint Burndown charts can show the team how much work remains in the Sprint. These charts will often include an ideal trend line. This line represents the ideal rate at which the Development Team is able to complete all of the remaining effort, at a constant rate, by the end of the Sprint.
Professional Scrum Development with Microsoft Visual Studio 2012 p.283
Prior to the Sprint, there shouldn't be any Task work items in the Sprint Backlog. Ideally, the Development Team creates its tasks during the Sprint Planning meeting and not before.
Professional Scrum Development with Microsoft Visual Studio 2012 p.175
The Sprint Backlog contains those items selected by the Development Team plus a plan for delivering them. The Sprint Backlog shows the work remaining in the Sprint at all times.
Professional Scrum Development with Microsoft Visual Studio 2012 p.4
Story points should be already assigned to PBIs during identification for the sprint.

Question: 206

Your company network includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server and Microsoft System Center 2012. Your company launches a new customer sales portal.
It is critical that all issues identified as potential bugs get addressed in a timely manner.
You need to ensure that incident response times are managed across support and development teams.
What should you do?

A. Use Service Manager.
B. Create a new incident within System Center and assign it to a bug work item in TFS.
C. Use SQL Server Reporting Services (SSRS) to query the Operations Manager Data Warehouse and create work items.
D. Use Orchestrator.

Answer: A

Explanation:
Service Manager provides an integrated platform for automating and adapting your organization's IT service

management best practices, such as those found in Microsoft Operations Framework (MOF) and Information Technology Infrastructure Library (ITIL). It provides built-in processes for incident and problem resolution, change control, and asset lifecycle management.
Orchestrator provides a workflow management solution for the data center. Orchestrator lets you automate the creation, monitoring, and deployment of resources in your environment.

Question: 207

Your development team uses Microsoft Visual Studio Team Foundation Server (TFS) 2012 to develop and support an enterprise-wide web application.
The system is too large to perform a manual smoke test.
You need to ensure that the latest release to production has not broken anything.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Create a new build definition with your tests configured for the production URI(s). Run the tests and have TFS report success or failure.
B. Create a new virtual machine in Microsoft Test Manager (MTM) that mirrors your production environment. Create a new build that runs your test projects and have TFS report success or failure.
C. Create a series of CodedUI Tests in Microsoft Visual Studio.
D. Create a complete set of unit test projects within Microsoft Visual Studio 2012.

Answer: BC

Question: 208

Your company's help desk support team comprises a single individual using an Excel spreadsheet to track tickets.
You want to improve the flow of information between the help desk and your development team.
You need to ensure that the lead developer receives updates only when new software defects are reported by the help desk.
What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

A.
• Create a custom list on SharePoint to capture ticket information.
• Have the lead developer subscribe to an alert for each ticket that is created with a type of "software defect".
B.
• Use the System Center 2012 Ticket Manager to capture tickets from the help desk.
• Enable the ticket integration adapter to push tickets captured in System Center to TFS as bug work items.
• Have the lead developer subscribe to alerts for his or her assigned work items.
C.
• Create a team project on your Team Foundation Server with a custom process template to track tickets.
• For software defects, have the help desk assign the tickets to the lead developer.
• Have the lead developer review his or her assigned tickets.
D.
• Publish the Excel spreadsheet to a SharePoint document library.
• Configure an alert to notify the development lead when the spreadsheet is modified.

Answer: A, C

Question: 209

Your team is setting up a test lab for the test team. Hyper-V is not the company virtualization standard. You are in a planning meeting representing the development team.
The information technology (IT) group indicates that they are reluctant to purchase a Hyper-V server and have limited resources available for maintaining test environments.
You need to suggest a solution for managing pre-production environments.
What should you do?

A. Explain that Standard Environments in Lab Management can be used, but that IT will still have to provision test VMs.
B. Explain that TFS Lab Management is a solution, but requires Hyper-V.
C. Explain that Standard Environments in Lab Management is a solution, but requires physical machines.
D. Explain that Lab Management is a solution and that IT will not need to be involved since Lab Management can be used to self provision test VMs.

Answer: A

Explanation:
Standard Environments: Standard environments can contain a mix of virtual and physical machines. You can also add virtual machines to a standard environment that are managed by third-party virtualization frameworks. In addition, standard environments do not require additional server resources such as an SCVMM server.
SCVMM environments: SCVMM environments can only contain virtual machines that are managed by SCVMM (System Center Virtual Machine Manager), so the virtual machines in SCVMM environments can only run on the Hyper-V virtualization framework. However, SCVMM environments provide the following automation and management features that are not available in standard environments.
http://msdn.microsoft.com/en-us/library/vstudio/dd997438.aspx

Question: 210

You develop a web application that will be automatically deployed to a staging web server on which Internet Information Services (115) 7 is installed.
You are defining a new build definition based on the DefaultTemplate.xaml build process template. This build definition will run every night and will publish the web application to a specific location.
You provide the following MSBuild arguments in your build definition:

```
/p:DeployOnBuild=True
/p:DeployTarget=MsDeployPublish
/p:MSDeployPublishMethod=WMSVC
/p:Configuration=Release
/p:MsDeployServiceUrl=https://staging.mycompany.com:8172/msdeploy.axd
/p:DeployIisAppPath=staging. mycompany.com/virtual_directory_name
/p:AllowUntrustedCertificate=True
```

You need to ensure that all prerequisites are installed and configured at the web server to support the build definition.
What should you do?

A. Install a self-signed server certificate for the site on which the web application is deployed.
B. Install Team Foundation Power Tools.
C. Install and configure Microsoft Web Deploy and Web Management Services.
D. Create an FTP site for the address staging.mycompany.com.

Answer: C

Question: 211

You have a web application that should be automatically deployed to a standard environment, including two staging web servers. You USE the LabDefaultTemplate.11.xaml build process template for your build definition.
You plan to run automated tests on the application as part of the build process.
You need to configure the build definition to deploy the application.
What should you do?

A. Create deployment scripts to perform the deployment. In the Deploy section of the build process template, select Deploy the build and specify the computer names and the scripts to be executed.
B. In the build definition, specify the MS Build arguments as /p:DeployOnBuild=true;DeployTargetPackage.
C. Define separate drop folders for each web server.
D. In the build definition, specify Private Drop Location. Indicate the scripts to be executed after a successful build.

Answer: A

Question: 212

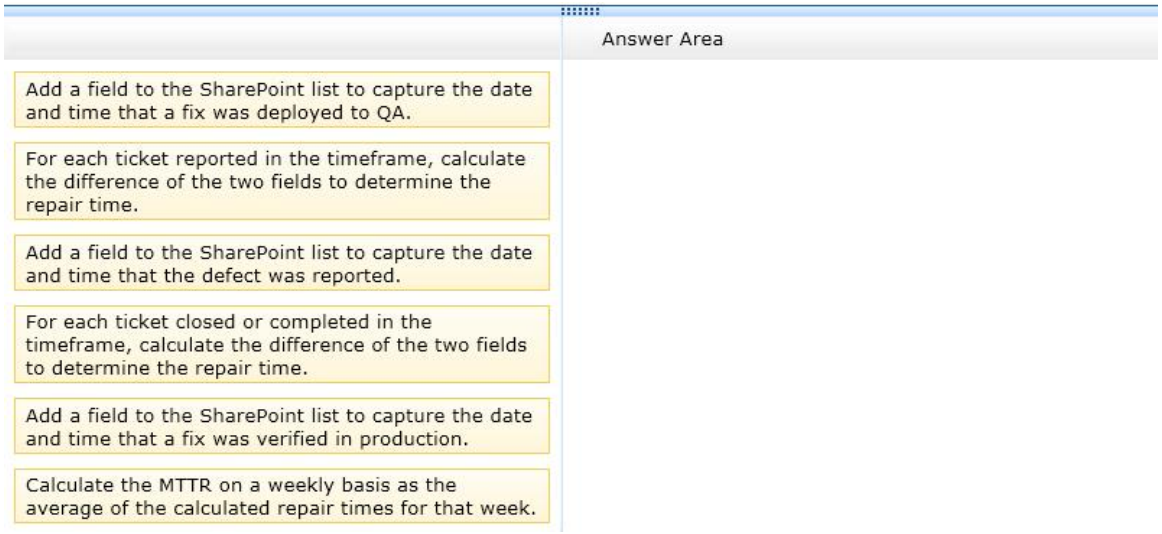
You develop a solution that contains an ASP.NET Model View Controller (MVC) application. You have a continuous integration build named CodeBuild which compiles the application. Your information technology (IT) department provides you with a virtual machine (VM) for testing purposes. The VM has Internet Information Services (IIS) 7.5 installed and configured.
Currently, developers publish to the VM directly from Visual Studio when the test team requests a deployment. The current release process is unreliable and burdensome to the development team.
You need to create an efficient and flexible method to automate the deployment of the website when requested by the test team.
What should you do?

A.
• Create a Powershell script that copies the website from the build drop folder to the test VM.
• Check in the script to TFS.
• Add an activity to the CodeBuild workflow that invokes the PowerShell script.
B.
• Create a standard environment using the test VM.
• Create a lab workflow named DeployBuild and select CodeBuild as the source build.
• Configure a deployment command to copy the website from the build drop folder to the IIS web directory.
• Instruct the test team to invoke the DeployBuild when they request a new release.
C.
• Customize the CodeBuild workflow to copy the website from the build drop folder to the IIS web directory on the test VM.
• Instruct the test team to invoke the CodeBuild when they wish to test.
D.
• Make the IIS Web Directory on the test VM a Universal Naming Convention (UNC) file share.
• Modify the CodeBuild, setting this share as the drop folder for the build.
• Instruct the test team to invoke the CodeBuild when they wish to test.

Answer: B

Question: 213

DRAG DROP
Your IT department uses a custom SharePoint list to capture help desk calls and ticket information. Management asks you to report the mean time to repair (MTTR) on a weekly basis.
You need to modify the list to capture the data necessary to prepare the report.
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.)



Answer:

Box 1:
Add a field to the SharePoint list to capture the date and time that the defect was reported.
Box 2:
Add a field to the SharePoint list to capture the date and time that a fix was deployed to QA.
Box 3:
For each ticket closed or completed in the timeframe, calculate the difference of the two fields to determine the repair time.
Box 4:
Calculate the MTTR on a weekly basis as the average of the calculated repair times for that week.
Explanation:
Note: Mean time to repair (MTTR) is a basic measure of the maintainability of repairable items. It represents the average time required to repair a failed component or device. Expressed mathematically, it is the total corrective maintenance time divided by the total number of corrective maintenance actions during a given period of time. It generally does not include lead time for parts not readily available, or other Administrative or Logistic Downtime (ALDT).

Question: 214

Your development team uses Microsoft Visual Studio Team Foundation Server (TFS) 2012 with the Microsoft Framework (MSF) for Capability Maturity Model Integration (CMMI) template.
You are reviewing outstanding issues with your team and trying to agree on whether you can mark a particular issue as resolved.
You need to determine whether the issue has been resolved.
Which two criteria must the team meet before the issue can be marked as resolved? (Each correct answer presents

part of the solution. Choose two.)

A. All impediments under an issue have been completed.
B. All user stories under an issue have been completed.
C. Stakeholders are satisfied that the issue has been resolved.
D. All tasks under an issue have been completed.

Answer: C, D

Explanation:
Review Issues for Resolution
After all tasks under an issue have been completed, the stakeholders should decide whether the issue has been resolved.
http://msdn.microsoft.com/en-us/library/ee461539.aspx

Question: 215

You are using the Microsoft Framework (MSF) for Capability Maturity Model Integration (CMMI) Process Improvement 6.0 process template.
You are the scrum master.
You need to assign product requirements to an iteration.
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Create a test harness to confirm that the business requirements are understood.
B. Find the dependencies among the product requirements.
C. Prioritize each of the requirements.
D. Create a prototype to validate whether or not the requirement can be accomplished.
E. Estimate the cost of each of the requirements.

Answer: B, C, E

Question: 216

You are using the Microsoft Visual Studio Scrum 2.0 process template. You recently finished a sprint.
You need to conduct a retrospective meeting prior to planning the next sprint.
What should you do?

A. Select items from the product backlog for the next sprint.
B. Decompose the product backlog items into a set of tasks.
C. Determine which items have been finished on the previous day.
D. Analyze the previous sprint to identify what the team is going to do differently during the next sprint.

Answer: D

Explanation:
This meeting provides an opportunity for the Scrum Team to inspect themselves and identify what went well and what needs improving. If improvements are identified, the team should create an actionable plan for the next Sprint. Nothing is out of scope during this meeting—people, relationships, process, and tools can all be discussed. The Scrum Team may also decide to adjust its Definition of "Done" to increase product
quality. After the meeting, the next Sprint begins.

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Question: 217

Your development team uses Scrum as its process framework.
The business communicates a significant change in direction. The current sprint may become obsolete due to the changes.
You need to determine whether the current sprint should be canceled.
Under what circumstances should you cancel the current sprint?

A. Team members are not able to complete the tasks that were committed to for the sprint.
B. Major changes to have doubled the required time to complete the tasks.
C. Impediments cause the tasks to not be completed within the sprint.
D. The sprint goal becomes obsolete.

Answer: D

Explanation:
Canceling a Sprint Rarely does a Sprint need to be canceled, but it does happen. If a Sprint's forecasted work becomes irrelevant, then there is no reason to continue developing it. This can occur if the product or organization needs to change direction immediately due to a technology or market reason. Only the Product Owner has the authority to cancel a Sprint. He or she may do so under the advisement of others, including stakeholders, the Development Team, or the Scrum Master. Canceled Sprints require the Scrum Team to collaborate and decide if any done work is acceptable and potentially releasable. The Scrum Team should also re-estimate any undone work, returning it to the Product Backlog. The work done on partially completed PBIs depreciates quickly and may not have any value in the future. Needless to say, canceling a Sprint will generate waste.
Professional Scrum Development with Microsoft Visual Studio 2012 p.16

Question: 218

You manage a development team by using Microsoft Team Foundation Server (TFS) 2012. The development team is made up of developers with specific skills.
The project you are developing has the following characteristics:
Several external dependencies exist.f
Requirements are well defined and will not change.
If an external dependency on the critical path does not meet a committed to deadline, the project will be impacted.
The impact should be identified and measured.
You need to select the appropriate tool(s) for managing the project.
What should you do?

A. Use Microsoft Project to manage dependencies and integrate with TFS where needed.
B. Use TFS with the Microsoft Visual Studio Scrum 2.0 project template.
C. Use TFS with the Microsoft Solution Framework (MSF) for Capability Maturity Model Integration (CMMI) Process Improvement 6.0 project template and the Affects link type for managing dependencies.
D. Use TFS with the MSF for Agile Software Development 6.0 process template and the web access task board.

Answer: A

Question: 219

You manage a highly complex project by using Microsoft Visual Studio Team Foundation Server (TFS) 2012 for application lifecycle management (ALM).
The project has the following characteristics:
The development team is multi-disciplined, executes all work that is required, and has a high degree of autonomy.
A key stakeholder acts as product owner to create, prioritize, and manage dynamic product requirements.
You plan and complete requirements in three week cycles.
You do not need to keep track of an audit trail.
You need to select a development process.
What are two possible development processes you could select to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

A. MSF for CMMI Process Improvement 6.0
B. Microsoft Waterfall 6.0
C. Microsoft Visual Studio Scrum 2.0
D. Microsoft Security Development Lifecycle (SDL) Process Template
E. Microsoft Kanban 1.0

Answer: C, E

Explanation:
You can choose based on the following considerations:
Choose Visual Studio Scrum 2.0 or later version if your team uses Scrum, manages bugs along with product backlog items during sprint planning, and wants work items and processes designed to support Scrum.
Choose MSF for Agile Software Development 6.0 or later version if your team uses Agile methods, and you resolve work items before closing them.
Choose MSF for CMMI Process Improvement 6.0 or later version if your team requires a rigorous audit trail, and follows a formal process for change management.
http://msdn.microsoft.com/en-us/library/vstudio/ms400752.aspx
The SDL has been shown to reduce the number of vulnerabilities in shipping software by more than 50 percent. However, from an Agile viewpoint, the SDL is heavyweight because it was designed primarily to help secure very large products, such as Windows and Microsoft Office, both of which have long development cycles.
http://msdn.microsoft.com/en-us/library/windows/desktop/ee790621.aspx

Question: 220

You are a scrum master.
You are planning a large product development project that will involve more than 15 team members. You want to divide the team members into multiple scrum teams.
You need to ensure that the new teams minimize collisions and maximize release flexibility.
What should you do?

A. Create teams that will target different features.
B. Create teams based on team members' positions.
C. Create teams based on technology type.
D. Create teams by team members' experience with the Scrum process framework.

Answer: A

Question: 221

A development team is attempting to use Scrum as its process framework. You join the team as the new scrum master.
During a meeting, a developer states that his “task is done.”
You need to describe to the team how the word “done” relates to Scrum.
What should you do?

A. The word “done” indicates that code has been approved for release to production.
B. The word “done” indicates that code compiles and has been unit tested.
C. The word “done” indicates that code has been approved through testing and quality assurance.
D. The word “done” must be defined, communicated, and agreed to by the team.

Answer: D

Explanation:
The Definition of “Done” is a simple, auditable checklist created by the Development Team. It must be understandable by the Product Owner, the Scrum Master, and any stakeholders.
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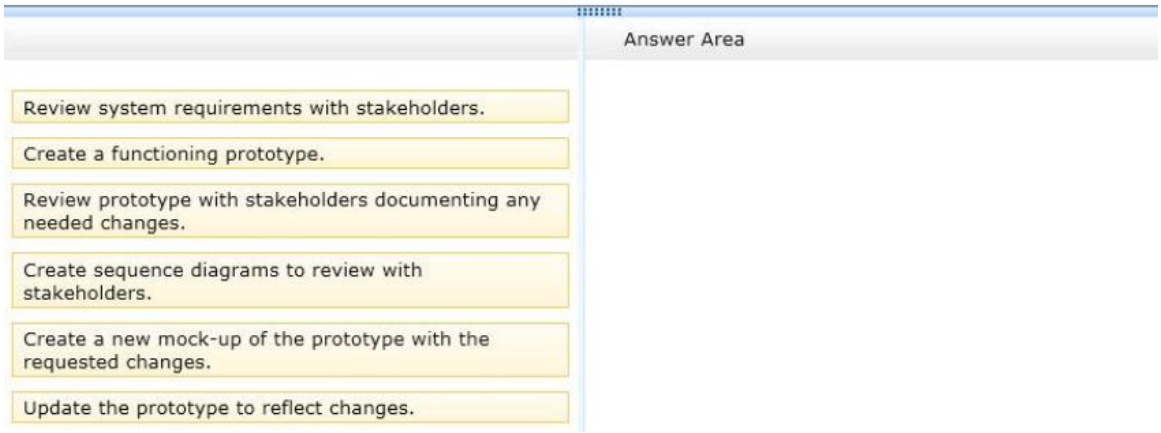
Question: 222

DRAG DROP
You are developing a new application that contains complicated validation and transformation logic on data pulled from three separate source systems.
You need to get feedback from your stakeholders to verify that your application meets their requirements before any other development tasks have been started. You also need to ensure that this application sub-system is correct before any other dependent module can be developed.
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:

Box 1:
Review system requirements with stakeholders.
Box 2:
Create sequence diagrams to review with stakeholders.
Box 3:
Review prototype with stakeholders documenting any needed changes.
Box 4:

Update the prototype to reflect changes.

Box 5:

Create a functioning prototype.

Question: 223

You are developing an application by using a team of developers and a team of testers. You have an automated nightly build.
Currently, the testers take too long to test and the developers are closing a large number of bugs as "unable to reproduce."
You need to improve the test cycle time.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Enable code analysis.
B. Instruct the testers to use diagnostic data collection in their test environment.
C. Instruct the testers to test only every other build.
D. Instruct the testers to use action recordings and playback during manual testing.
E. Assign an extra day for testing at the end of the iteration.

Answer: B, D

Question: 224

Your development team uses Scrum as its process framework.
You need to identify key metrics for measuring the effectiveness of any process changes.
Which three key metrics should you measure? (Each correct answer presents a complete solution. Choose three.)

A. Number of story points delivered during the sprint
B. Number of tasks added to the sprint after the sprint starts
C. Number of bugs reported by testers
D. Number of classes in the code-base
E. Number of items added to the Product Backlog
F. Number of manual test cases created

Answer: A,B, C

Question: 225

You are a technical team lead. Your company network includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server.
You are assigned to work on a project with an internal development team and an off-site vendor who is new to working with your company.
You need to ensure that the code delivered by the off-site vendor is of an acceptable quality, conforms to standards, and does not affect production support.
Which three actions should you perform? (Each correct answer presents a complete solution. Choose three.)

A. Implement custom and standard check-in policies to force compliance to standards, passing of unit tests, and running static code analysis.
B. Implement a branching and permissions strategy that isolates vendor changes.
C. Implement an email alert that is triggered when the off-site vendor's developers check in code.

D. Implement a gated check-in build.
E. Implement a policy requiring developers to shelve their changes at the end of each day.

Answer: A, B, D

Question: 226

Your company is considering implementing an application lifecycle management (ALM) strategy.
You need to identify the return on investment (ROI) of implementing an ALM strategy.
Which three benefits should you recommend? (Each correct answer presents part of the solution. Choose three.)

A. Bug-free software releases
B. Latest best-of-breed tools specific for each role
C. Improved product quality
D. Shortened development cycles
E. Early user feedback

Answer: C, D, E

Question: 227

Business analysts in your organization create large, extremely detailed requirements specifications.
Some business analysts report that developers are not delivering according to specifications.
You need to improve requirements management and delivery.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Require the business analysts to give the developers summaries of each requirement instead of the detailed specification.
B. Require the developers to prioritize requirements.
C. Use Microsoft PowerPoint storyboarding to improve the understanding of requirements.
D. Use the Feedback Manager tool to gather feedback from the business analysts regularly.

Answer: C, D

Question: 228

You are a project manager responsible for all phases of a new application development project.
Your project is a customer-facing website that is strategic to the rollout of a new product.
You need to ensure that the project is delivered on time and on budget with a minimal number of defects.
What should you do first?

A. Create test plans and author test cases.
B. Conduct exploratory test sessions.
C. Illustrate requirements with Microsoft PowerPoint storyboarding and link storyboards to work items.
D. Engage stakeholders to provide feedback about pre-release software.

Answer: C

Question: 229

Historically your IT group has done a poor job of reporting issues and successes to key decision makers in a timely manner, due to incomplete or inconsistent application lifecycle management (ALM) practices.
You are implementing Scrum as the process framework for new projects. The scrum master will publish daily progress reports to the product owner and key stakeholders.
You need to view daily progress and identify if bottlenecks are occurring in the development process.
Which report should you use?

A. Bug Trends
B. Sprint Burndown
C. Cumulative Flow
D. Release Burndown

Answer: C

Explanation:
Kanban teams prefer to use a Cumulative Flow Diagram to visualize work across the entire backlog. Visualizing the backlog in this manner can help to identify bottlenecks in the process. Scrum Teams can also use a Cumulative Flow Diagram.
Professional Scrum Development with Microsoft Visual Studio 2012 p.6

Question: 230

You manage several developers who are working on multiple applications.
A business analyst requests an audit trail of work item changes for all prospective releases.
You need to implement a strategy to provide the audit trail.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Enable a check-in policy that requires a successful build prior to check-in.
B. Enable a check-in policy that requires a work item be associated with the check-in.
C. Enable static code analysis during the automated build.
D. Require developers to update the comments field of their tasks with details of any code changes for their tasks.
E. Request that developers enter the work item ID in the check-in comments for any code changes they make.
F. Enable the automated build option to associate work items with the build.

Answer: B, F

Question: 231

You are developing a new application. The application will require rapid changes after it is in production.
You need to implement practices that promote high quality and ensure the code is maintainable.
Which three practices should you implement? (Each correct answer presents part of the solution. Choose three.)

A. Refactor code based on code metrics from the maintainability index.
B. Keep the code tightly coupled.
C. Create as few classes as possible.
D. Create unit tests and monitor code coverage.
E. Create as few assemblies as possible.
F. Refactor code based on code clone analysis.

Answer: A, D, F

Question: 232

You are developing an application that has several automated builds that build, perform code analysis, and unit test portions of your code. Your team also performs peer review for code changes in an informal manner.
You need to meet the following requirements:
Provide documentation on quality checks and reviews for any changes to the code base.
Ensure code quality.
Maintain your team's efficiency.
What should you do?

A. Institute gated check-ins to the build process.
B. Deny developers check-in permissions. Allow them to shelve changes and have a senior team member check in the shelve-set after review.
C. Utilize the Code Review work items and workflow before check-ins.
D. Perform a weekly code review on subset of recent check-ins.

Answer: C

Question: 233

You design a system architecture that specifies various inter-layer communications.
You need to ensure the validity of developers' code against your architecture.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Create a layer diagram and specify the valid namespaces for each layer.
B. Create a gated check-in that runs a build that validates the rules defined in the layer diagram.
C. Use the architecture explorer to create a DGML model of the architecture.
D. Create a gated check-in that uses Code Analysis.
E. Create a gated check-in that runs a build that validates the rules defined in the DGML model.

Answer: A, B

Explanation:
You can perform layer validation every time that you run a local build. If your team uses Team Foundation Build, you can perform layer validation with gated check-ins, which you can specify by creating a custom MSBuild task, and use build reports to collect validation errors.
http://msdn.microsoft.com/en-us/library/vstudio/dd409395.aspx

Question: 234

You develop an n-tier application that includes the following components:
Database
Data access layer
Business logic layer
Presentation layer (website)
The database has approximately 100 tables and stores large amounts of data.
You need to select a unit testing strategy to verify the business logic layer.

What should you do?

A.
• Create a mock data access layer.
• Configure the business logic layer to use the mock data access layer.
• Write tests against the business logic layer.
B.
• Create a mock data access layer.
• Write tests against the mock data access layer.
C.
• Create a mock business logic layer and a test database.
• Configure the data access layer to target the test database.
• Write tests against the business logic layer.
D.
• Create a test database from a backup of the live database.
• Configure the data access layer to target the test database.
• Write tests against the data access layer.

Answer: A

Question: 235

You manage a project that has three teams working in parallel on a single codebase using a Scrum process methodology.
You need to ensure that each team can manage work separately while editing a shared code base.
What should you do?

A. Within a single team project, create separate iteration paths for each team. Assign each team member to their respective iteration path.
B. Create a team project for each team, assigning different team members to each team project.
C. Within a single team project, create three teams. Assign each team member to their respective teams.
D. Create a team project for each team, assigning all team members to each team project.

Answer: C

Question: 236

You create a layered web application. The service layer includes a suite of nUnit tests for the code. The web application contains JavaScript and has no tests.
You configure a build agent running as a service and create an automated build.
You need to include unit testing in the development and automated build of the application. You need to achieve this goal with the least amount of impact to the development team.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Configure the build to use the existing nUnit tests.
B. Create QUnit tests to test the Javascript in the web application.
C. Use Coded UI Tests to test the JavaScript in the web application.
D. Convert all the nUnit tests for the business logic layer into MSTests.

Answer: A, B

Question: 237

You are planning to develop a new application.
You want to be able to measure the quality of the code you create.
You need to ensure that it is easy to test and obtain high code coverage.
What should you do?

A. Ensure that each class has only one responsibility.
B. Ensure that concrete classes depend only on other concrete classes.
C. Create as few abstract classes and interfaces as possible.
D. Create as many static methods as possible.

Answer: A

Question: 238

Your company is developing a new version of an existing application. The current list of feature requests is made up mostly of three years' worth of bug reports and help desk support call data.
The company has no formal process for requesting input from its customer base.
You need to be able to prioritize the information and develop an accurate, useful list of feature requests.
What are three possible ways to accomplish this goal? (Each correct answer presents a complete solution. Choose three.)

A.
• Use focused customer interviews to review the bug reports and help desk data.
• Create the requirements documents from the resulting information.
B.
• Create a single requirements document that includes all the bug reports and help desk call items.
• Put this document on the backlog of the project.
C.
• Working from the bug reports and help desk data, create an Excel workbook project matrix that ranks items based on complexity and priority.
• Determine the project requirements for the next iteration that includes the top ranking items on the matrix.
D.
• use storyboarding diagrams and work with the stakeholders to filter, map, and expand on the bug reports and help desk call data.
• Review the diagrams with the stakeholders and create requirements documents based on that review.
E.
• Hold a series of joint application design (JAD) sessions with representation from support, development, help desk, and customers. Filter out the bad items from the bug reports and help desk data.
• Create formal requirements documents based on the results of these sessions.

Answer: B, C, E

Question: 239

Your network environment includes a Microsoft Visual Studio Team Foundation Server (TFS) 2012 server. Your development team is using the Microsoft Framework (MSF) for Agile Software Development 6.0 process template. You have a number of user stories logged in TFS

2012.
Several user stories have external dependencies on an application programming interface (API) that is being developed by a third party. The interfaces for the API have already been agreed upon.
You need to recommend how these external dependencies should be handled in your current sprint.
What should you do?

A. Add a resource to represent the third party and assign all the user stories that have dependencies on the API to this new resource.
B. Add an agreed upon amount of effort to every user story that has dependencies on the API.
C. Move all user stories that have dependencies on the API to the next sprint.
D. Create mockups of the API using the agreed upon interfaces. Add user stories for integration testing to the backlog.

Answer: D

Question: 240

Your development team uses Scrum as its process framework and utilizes the Microsoft Framework (MSF) for Agile Software Development 6.0 process template.
A new team member who is new to Scrum assumes the role of product owner.
You need to help the new product owner prioritize the product backlog.
Which basis should you suggest the new product owner use for prioritizing the product backlog?

A. personal preference
B. estimated cost and effort for each requirement
C. risk and business value of each requirement
D. technical complexity of each requirement

Answer: C

Explanation:
In other words, it's more important to deliver business value in the form of working software than to follow a plan.
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Question: 241

You manage a development team that has been assigned the task of developing a reporting application. The team holds a kickoff meeting with the stakeholders to document user requirements.
You review the draft requirements list that results from this meeting.
You need to indicate which requirements likely will require rework before you can send the requirements list to the development team.
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Identify requirements that are independent of other requirements. These requirements likely will need to be integrated with the other requirements.
B. Identify requirements that cannot be tested easily. These requirements likely will need details to make them more testable.
C. Identify requirements that do not have estimates. These requirements likely will need additional details before they can be approved.
D. Identify requirements that depend on other requirements. These requirements likely will need to be split.
E. Identify requirements that provide little business value. These requirements likely will need to be reconsidered.

Answer: C, D, E

Question: 242

Your development team uses the Microsoft Solution Framework (MSF) for Agile Software Development 6.0 process template.
You need to determine the process to obtain the most accurate estimates for each user story in your product backlog.
What should you do?

A. Have the development team estimate and use the longest estimates.
B. Ask the product owner to provide the estimates.
C. Ask the scrum master to provide estimates.
D. Have the development team estimate until team members reach consensus.

Answer: D

Question: 243

Your geographically dispersed development team is using the Microsoft Solution Framework (MSF) for Agile Software Development 6.0 process template.
You are developing an application that will function on several different types of mobile devices.
You need to ensure that developers have access to the designs for each device.
What should you do?

A. Create a Requirements work item type and attach the wireframe design.
B. Print the storyboards' wireframe designs and tape them to the walls of the main development center.
C. Create a new task for each wireframe design.
D. Create wireframes in Microsoft PowerPoint and link them to the user stories.

Answer: D

Question: 244

You are utilizing the Microsoft Visual Studio Scrum 2.0 process template.
Your development team uses the storyboard feature in Visual Studio 2012.
You need to ensure that there is consistency of user interface between different features of the product.
What should you do?

A. Create a design guide document with images of sample standard layouts. Provide a copy of this document to all team members.
B. Create custom storyboard shapes by using Microsoft PowerPoint that match your corporate standard user interface (UI) controls. Export these and make them available to the team as an import for use in all storyboards.
C. Create custom storyboard shapes in PowerPoint that match your corporate standard UI controls. Save the results as a PowerPoint template in the SharePoint site associated with the Team project collection. Instruct team members to import the shapes.
D. Create images of your UI controls as GIF/JPEG files that match your corporate standard UI controls. Export these and make them available to the team as an import for use in all storyboards.

Answer: B

Question: 245

You are utilizing the Microsoft Visual Studio Scrum 2.0 process template.
You lead a development team that includes business analysts, developers, and testers.
You need to capture requirements and acceptance criteria. You also need to ensure that requirements and criteria can be versioned and tracked against individual test cases.
What should you do?

A. Create a document that details the requirements and acceptance tests. Store the document in TFS source control.
B. Create a document that details the requirements and acceptance tests. Store the document in the SharePoint site associated with the team project.
C. Add product backlog item (PBI) work items.
D. Create a spreadsheet that details the requirements and acceptance tests. Store the spreadsheet in TFS source control.

Answer: C

Explanation:
In Team Foundation Server, the Product Backlog Item (PBI) work item type enables the Scrum Team to capture all of these various requirements with as little documentation as possible. In fact, only the title field is required. Later, as more detail emerges, the PBI can be updated to include business value, acceptance criteria, and the Development Team's latest estimation of effort.
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Question: 246

Your team uses a single team project for all development. You use the Microsoft Visual Scrum 2.0 process template to manage the software development process.
You have an external client help desk application that issues ticket numbers associated with each client support call.
You need to be able to query TFS and report on help desk ticket numbers from within bug work items.
What should you do?

A. Use the process template editor to modify the process template definition of the bug work item to include a new field.
B. Update the work item ID to match the help desk ticket ID.
C. Use the process template editor to modify the definition of the bug work item in use on the team project to include a new field.
D. Instruct the team to record the TFS bug work item IDs associated with any given help desk ticket in the help desk system.

Answer: C

Question: 247

Your company is developing a web application by using the Microsoft Visual Studio Scrum 2.0 process template. The development team committed to deliver a set of Product Backlog Item (PBI) work items for the upcoming sprint.
You implement the initial tests for the PBIs in scope for the upcoming sprint. You plan to add more tests during the

sprint.
You need to ensure that your test plan automatically includes any new tests.
What should you do?

A.
• Create a Microsoft Excel spreadsheet that lists all the acceptance tests for the PBIs.
• Use a Pivot table to report the test cases per PBI.
B.
• Create test case work items for the acceptance tests.
• Link these test cases to the PBI work items.
• Add a query based test suite that selects all test cases linked with the PBIs in scope.
C.
• Create test case work items for the acceptance tests.
• Link these test cases to the associated PBI work items.
• Add the PBIs to the test plan.
D.
• Create test case work items for the acceptance tests.
• Create a suite in Microsoft Test Manager (MTM) and add all test cases to this suite.

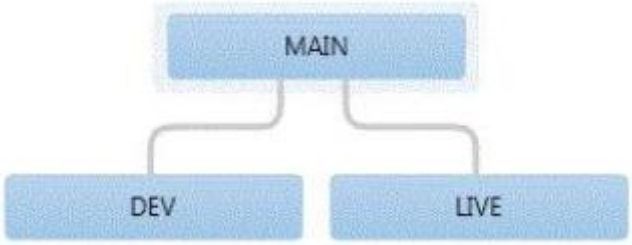
Answer: C

Question: 248

You develop a solution that is managed in Microsoft Visual Studio Team Foundation Server (TFS) source control using three branches according the following table.

Branch Name	Purpose
DEV	Development
MAIN	Integration
LIVE	Production

The branch hierarchy is shown in the exhibit. (Click the Exhibit button.)



A new project requires you to divide your team into two separate, and largely independent, teams named Feature Team 1 and Feature Team 2. Each team works on different features.
You need to recommend an effective long-term strategy that:
Allows parallel development,
Allows independent feature releases,
Minimizes conflicts,
Supports integration, and
Allows bug fixes to production code.
What should you do?

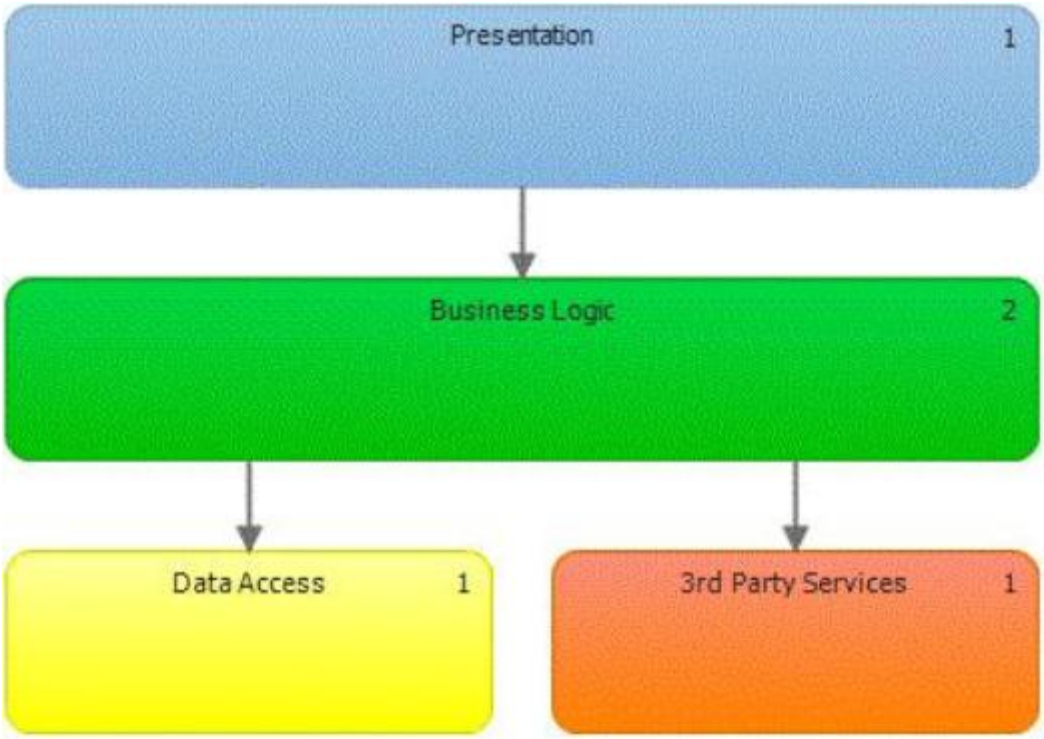
A. Instruct both feature teams work off the DEV branch. The teams should only check in when they are ready to integrate.

B. Create two new folders named FB1 and FB2 at the same level as the other branches. Instruct Feature Team 1 to check in to FB1 and Feature Team 2 to check in to FB2. When the teams are ready to integrate, perform baseless merges from FBI to DEV and FB2 to DEV.
C. Instruct Feature Team 1 to check in to the DEV branch and Feature Team 2 to check in to the MAIN branch. When the teams are ready to integration, the DEV branch will be merged into the MAIN branch.
D. Create two branches off DEV named FB1 and FB2. Instruct Feature Team 1 to check-in to FB1 and Feature Team 2 to check-in to FB2. When a team is ready to integrate, FB1 or FB2 will be merged with DEV.

Answer: D

Question: 249

You are developing an n-tier application. An architect has provided a layer diagram as shown in the exhibit image. (Click the Exhibit button.)



Your code is built as part of an automated team build.
A class in the data access layer is changed to utilize a utility class that resides in the business logic layer.
You need to ensure that the code and layer diagram are valid in a manner that follows good architectural and object oriented practices.
What should you do?

A. Create a new cross-cutting layer and refactor the utility class into the new layer, allowing the new layer to reference both the data access layer and the business logic layer.
B. Leave the layers the same and duplicate the utility class in both the data access layer and the business logic layer.
C. Create a new cross-cutting layer and refactor the utility class into the new layer, allowing the data access layer and business logic layer to have one-way dependencies to the new layer.
D. Change the dependency between the data access layer and the business logic layer to be bi-directional.

Answer: C

Question: 250

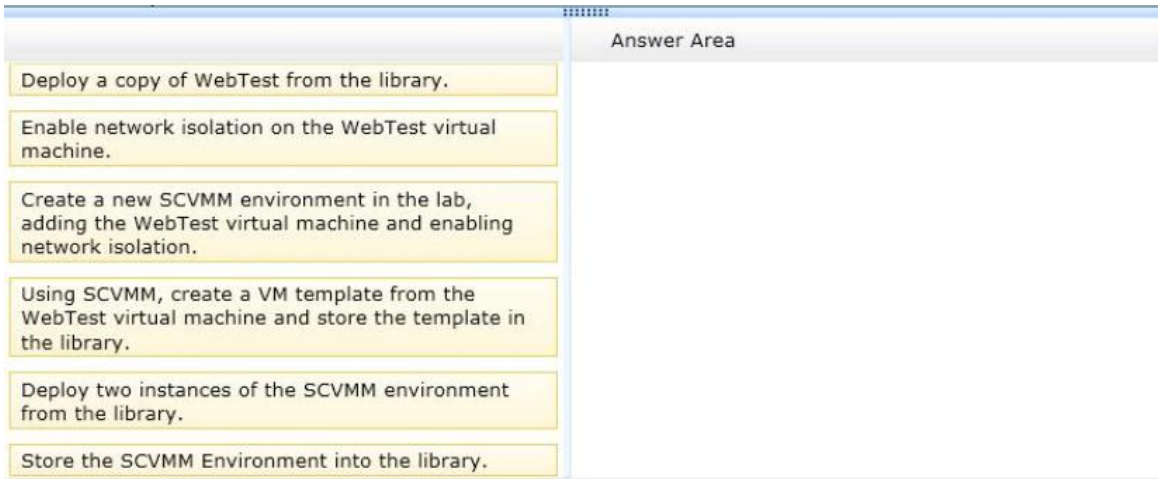
Your scrum team develops features for new applications and performs maintenance on legacy applications. The newer applications have unit tests, but there are very few tests for the legacy code.
Recently, bugs in the legacy code have been consuming resources that could be used for more important development.
You need to define an approach for building tests on the legacy code. You need to achieve this goal without affecting the team's delivery cadence on the new applications.
What should you do?

A. Write tests for legacy code between sprints.
B. Implement manual testing for bug fixes to legacy code.
C. Stop new development and write tests for most of the legacy code.
D. Continue development on the new applications, but write tests for any legacy code you work on as part of maintenance.

Answer: D

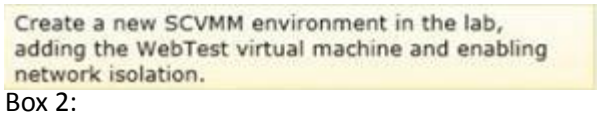
Question: 251

DRAG DROP
You are developing a web application. Currently, the test team tests the website on a Hyper-V virtual machine (VM) named WebTest. The majority of the test cases explicitly reference WebTest.
The test team wants to divide into two independent teams to speed testing, and has indicated that they will likely create a third test teamsoon.
You need to define a strategy that provides separate test environments for each team with as little impact on the tests as possible.
What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)



Answer:

Box 1:



Box 2:

Using SCVMM, create a VM template from the WebTest virtual machine and store the template in the library.

Box 3:

Deploy two instances of the SCVMM environment from the library.

Explanation:

Note:

* A virtual machine template is a library resource consisting of a guest operating system profile, a hardware profile, and one or more virtual hard disks (VHDs), which can be used to create a new virtual machine. Self-service users must use assigned templates to create their virtual machines.

Question: 252

Your development team reports that the operations team is not providing sufficient information for the development team to efficiently diagnose problems in production.

You need to identify standard data that the operations team should provide when they submit requests to the development team.

Which two standard artifacts should you include? (Each correct answer presents part of the solution. Choose two.)

A. Test impact analysis.
B. Event log information.
C. IntelliTrace configuration file.
D. Performance monitor configuration file.
E. Name of the application, server(s), and issue description.

Answer: B, E

Explanation:

Test Impact Analysis (TIA) helps in analysis of impact of development on existing tests.

http://msdn.microsoft.com/en-us/library/ff576128%28v=vs.100%29.aspx#intro

Event log information - EventLog lets you access or customize Windows 2000 event logs, which record information about important software or hardware events. Using EventLog, you can read from existing logs, write entries to logs, create or delete event sources, delete logs, and respond to log entries. You can also create new logs when creating an event source.

IntelliTrace configuration file - I couldn't find such thing.

Name of the application, server(s), and issue description seems the information a bug couldn't exist for a developer.

Networking performance counters can be accessed and managed using the PerformanceCounter and related classes in the System.Diagnostics namespace. Networking performance counters can also be viewed with the Windows Performance Monitor console.

Question: 253

You have an ASP.MVC application running in production.

The application is experiencing intermittent slowdowns and client disconnections on the application tier.

You need to provide detailed execution trace information to the development team.

How should you capture this information?

A. File a bug work item in TFS directly from production.
B. Open the production server event logs in Visual Studio 2012 and create a TFS bug work item from the relevant exception messages.
C. Install and run the IntelliTrace Data Collector on the production application server(s).

D. Install and run the IntelliSense Semantics Collector on the production application server(s).

Answer: C

Question: 254

Your company network includes Microsoft Visual Studio Team Foundation Server (TFS) 2012 and Microsoft System Center 2012.
You need to monitor your company's application infrastructure.
What should you configure?

A. Event Log data collector
B. Configuration Manager
C. Application Controller
D. IntelliSense collector
E. Operations Manager

Answer: E

Explanation:
Operations Manager is a component of Microsoft System Center 2012 that helps the organization monitor services, devices, and operations for multiple computers from a single console. This guide leads the reader through the process of planning the Operations Manager infrastructure by addressing the following fundamental decisions and tasks:
•ullet Identifying which services, applications, and infrastructure need to be monitored.
•ullet Determining the resources needed to employ Operations Manager to monitor the selected resources.
•ullet Designing the components, layout, security, and connectivity of the Operations Manager infrastructure.
See "Microsoft System Center 2012 - Operations Manager Guide" http://technet.microsoft.com/en-us/library/cc507089.aspx
Configuration Manager provides key management capabilities around application delivery, desktop virtualization, device management, and security that make it possible to enable productivity amidst device proliferation – while also reducing costs.
Application Controller provides a unified console that helps you manage public clouds and private clouds, as well as cloud-based virtual machines and services.
There is no such thing as IntelliSense collector.

Question: 255

You manage a software development project that includes multiple feature teams. The teams integrate their code into a shared code repository as frequently as possible.
You plan to configure a build definition by using the default build process template (DefaultTemplate.xaml).
You need to know when a check-in from a feature team has broken the build or caused a test to fail, without impacting the feature team.
What should you do?

A. Set the Analyze Test Impact parameter to True in the build process template.
B. Set the build trigger to Continuous Integration and enable automated testing.
C. Add the Builds check-in policy to your team project.
D. Create a shelveset command for pending changes. Queue a build using the latest source with the shelveset parameter.

Answer: B

Question: 256

You manage a development team for a group of stakeholders that are physically remote from your development center. Stakeholders have blocked out dates and times on their schedules for your team.
The stakeholders are concerned that several of the project requirements will not meet their needs due to changing market conditions.
You need to ensure that the following requirements are met: s
Your team is doing effective and efficient work.
The work is meeting the needs of the business.
The project's timeline is not at risk.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Institute a policy of sign-offs for each requirement and design document.
B. Develop a series of iterative proofs of concept that reflect a partial delivery of requirements and get feedback from the product owner.
C. Instruct the team to create a comprehensive set of design documents for each layer of the system. Schedule a review with the stakeholders to get their feedback.
D. Add a primary stakeholder to your team as the product owner.

Answer: B, D

Question: 257

Your company is considering adopting the family of Microsoft Visual Studio 2012 features.
You need to identify which out-of-the-box features you could use to create an end-to-end application lifecycle management (ALM) solution.
Which three features should you use? (Each correct answer presents part of the solution. Choose three.)

A. Time tracking and budget analysis
B. Manual testing
C. Unit testing and code coverage
D. Requirements management
E. Deployment to production

Answer: B, C, E

Explanation:
There is no Time tracking and budget analysis in TFS or VS, this is likely MS Project Feature.
Requirements management is a TFS Feature. http://msdn.microsoft.com/en-us/library/ms364062%28v=vs.80%29.aspx
I do see Manual testing, Unit testing and code coverage, and Deployment at VS2012 Feature comparisons page http://www.microsoft.com/visualstudio/eng/products/compare

Question: 258

As the manager of a mission-critical application development project, you oversee the technical delivery of a software application.

The project has not met any of its milestones, and there are early signs that what requested. Each iteration is taking approximately three weeks longer to finish than available is being produced is not what the stakeholders have was scheduled. No more resources will be made available.
You need to reduce the cycle time without impacting commitments.
Which two actions should you perform? (Each correct answer presents a complete solution. Choose two.)

A. Reduce (or remove) cycle requirements for quality assurance (QA) and user acceptance testing (UAT). Reorganize the project team to have all hands working on development tasks until the backlog has been caught up to schedule.
B. Analyze the complexity of the work in progress (WIP) and determine if there is any way to simplify the tasks.
C. Work with your technical leads to remove any features from the end product that, on paper, make up the difference in project delays. Then inform the stakeholders what you will patch in later.
D. Create a technical oversight committee that will meet and review all project work and identify areas for improvement for the next cycle.
E. Identify and remove wait times in the development cycle.

Answer: B, E

Question: 259

You are using the Microsoft Visual Studio Scrum 2.0 process template. You are a scrum master leading a scrum team.
Your team is new to Agile and Lean practices.
You need to ensure that your team communicates efficiently.
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Utilize visual controls, such as task boards.
B. Co-locate team members.
C. Document the design of functionality you plan to build.
D. Hold a weekly conference call with the entire team to review the bug list.
E. Discuss issues through an email thread.
F. Conduct daily face-to-face stand-up meetings.

Answer: A, B, F

Question: 260

Your client is utilizing the Microsoft Visual Studio Scrum 2.0 process template.
Your client provides a set of acceptance tests for Product Backlog Items (PBI). The PBI work has been committed to in the upcoming sprint.
You need to ensure that the status of the acceptance tests can be reported from TFS.
What should you do?

A. Store the acceptance test as rows in a Microsoft Excel spreadsheet and attach the spreadsheet to the PBI work item.
B. Store the acceptance test as rows in a Microsoft Excel spreadsheet. Save the spreadsheet in the associated project portal site and link it to the PBI work items.
C. Create Test case work items. Link the test cases to the PBI work items by using a Tests link type.
D. Create Test case work items. Link the PBJ work items by using a Parent link type to the test cases.

Answer: C

Question: 261

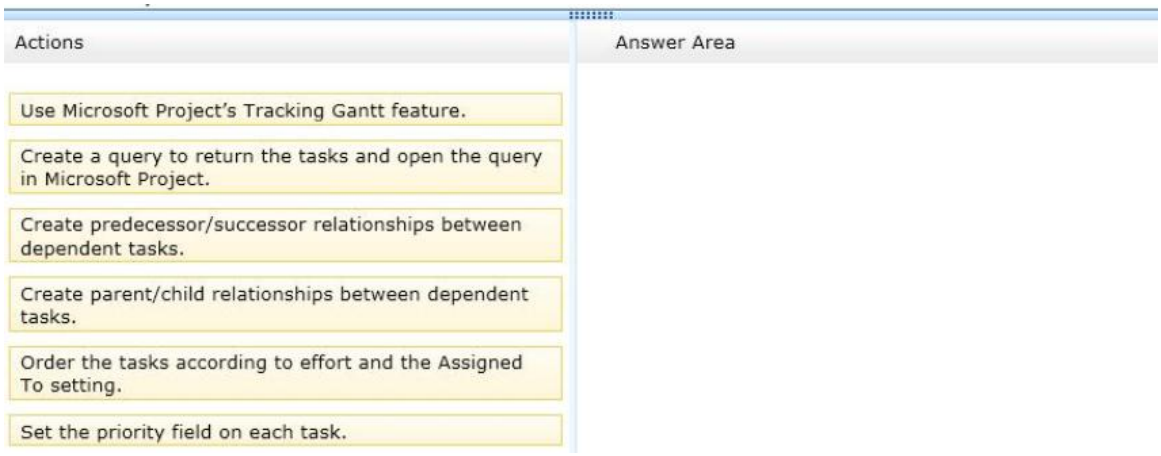
Your development team is using the Microsoft Solution Framework (MSF) for Capability Maturity Model Integration (CMMI) Process Improvement 6.0 process template.
The team has identified all of the acceptance criteria for a new application. This data currently resides in a series of spreadsheets.
You need to enter the criteria into TFS for team traceability and tracking.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Create test case work items for each criterion in the spreadsheet. Link the test case work items with the work item(s) for the appropriate requirements.
B. Create Requirement work items.
C. Create a new task work item for each criterion in the spreadsheet. Set the Triage attribute for each task work item to Information Received.
D. Create a new quality of service test case work item for each criterion in the spreadsheet. Link the quality of service test case work items with the work item(s) for the appropriate requirements.

Answer: A, B

Question: 262

DRAG DROP
You have a list of tasks entered into Microsoft Visual Studio Team Foundation Server (TFS) 2012. Each task has an estimated effort and assigned to a team member.
You have limited resources available. Due to external requirements, the start date and end date of the current iteration are fixed. Several of the tasks have dependencies on one another.
You need to identify a critical path.
What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)



Answer:

Create a query to return the tasks and open the query in Microsoft Project
Create predecessor/successor relationship between dependent tasks
Use Microsoft Project's Tracking Gantt feature

Question: 263

Your development team uses Scrum as its process framework and utilizes the Microsoft Solution Framework (MSF) for Agile Software Development 6.0 process template.
Your product owner requests making an internal system public. The request is top priority for the next sprint.
You need to determine if the team can commit to the request for the next sprint.
What should you do?

A.
• Create user story work items for the request.
• Provide story point estimates for each user story.
B.
• Create user story work items for the request.
• Record hour estimates in each user story.
C.
• Create user story work items for the request.
• Create child task work items for each unit of work.
• Record hour estimates in each task.
D.
• Create product backlog item work items for the request.
• Create linked task work items for each unit of work.
• Provide hour estimates for each task.

Answer: C

Question: 264

Your development team is using the Microsoft Solution Framework (MSF) for Capability Maturity Model Integration (CM MI) Process Improvement 6.0 process template.
You identify the high business value requirements of a project.
You need to prioritize the requirements and ensure that the updates are reflected on the TFS reports.
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Set the Priority to 1 for each of the high-value requirements.
B. Use Microsoft Project.
C. Set the Stack Rank attribute to Top for each of the high-value requirements.
D. Use the Product Backlog feature.

Answer: A, D

Question: 265

You manage a geographically dispersed development team that uses the Microsoft Visual Studio Scrum 2.0 process template.
Each of the four locations has approximately six team members.
You need to optimize the team's performance to minimize the impact of the geographic dispersion.
What should you do?

A. Setup a persistent video conference feed between the locations.
B. Use a phone conference line for daily standups. Use a paper-based planning board and take snapshots of the board after daily standups.
C. Organize the teams into a scrum of scrums, in which each location has a standalone team. Work off of a single

product backlog and meet regularly with the leads of each scrum team.
D. Use electronic planning and a shared source control repository so that all team members are using a single set of sources.

Answer: C

Question: 266

You are developing a release plan for a new project.
You need to create a risk management plan.
Which three activities or elements should you include in your plan? (Each correct answer presents a complete solution. Choose three.)

A. Probability assessment
B. Assumptions
C. Resolution planning
D. Impact analysis
E. Resource planning
F. Constraints

Answer: A, C, D

Question: 267

Your development team uses the Microsoft Visual Studio Scrum 2.0 process template. You are the scrum master.
The product owner has created product backlog items and assigned them to a release.
You need to work with the development team to estimate when the release will be completed.
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Review the sprint backlog.
B. Review the product backlog with the Forecast option set to on to determine if the release can be completed based on the team's velocity.
C. Have the team create tasks for each item in the product backlog and assign hour estimates to the task.
D. Review the sprint burndown chart.
E. Set each team member's per day capacity.
F. Establish a sprint duration and a sprint velocity. Create enough sprints to complete the release.
G. Estimate effort for each item in the product backlog.

Answer: B, F, G

Explanation:
By using the forecasting tool in Web Access, you can plan the number of Sprints it will take to complete a set of work. The forecasting tool is available only in the Product Backlog, not any of the Sprint Backlogs. Prior to being able to use the forecasting tool, your Product Backlog must have PBI and Bug work items already created with the effort specified. You can turn on forecasting by clicking the Off hyperlink next to Forecast on the right side of the backlog page. The first time you do this, Web Access prompts you for the Velocity. Using your Development Team's Velocity, Web Access will add a Forecast column and horizontal lines to the Product Backlog. In the Forecast column, it will display the Sprint that it predicts the PBI or Bug work item will be developed in.
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Question: 268

You manage a project for which the team has not delivered all of the story points committed to in a previous sprint.
You want to define the amount of work the team can commit to for the next sprint of the project.
What should you do?

A. Review the sprint burndown to define the amount of work.
B. Review the team velocity to define the amount of work
C. Allow the product owner to define the amount of work.
D. Review capacity of the team to define the amount of work.

Answer: B

Question: 269

You are assigned to manage a new development team that uses Microsoft Visual Studio Team Foundation Server (TFS) 2012 for application lifecycle management (ALM).
The development team works in a highly regulated environment.
You are required to:
Document and manage risks,
Document and manage change requests, and
Maintain a formal project issue log.
You need to select a development process for your team.
Which process template should you use?

A. Microsoft Solutions Framework (MSF) for Capability Maturity Model Integration (CMMI) Process Improvement 6.0
B. Microsoft Kanban 1.0
C. Microsoft Solutions Framework (MSF) for Agile Software Development 6.0
D. Microsoft Visual Studio Scrum 2.0

Answer: A

Question: 270

A development team in your company has been unsuccessful delivering software by its deadline. You join the team as its new scrum master.
The previous scrum master did not understand the importance of the length of a sprint.
You need to define how long the sprints should be.
Which two factors should you consider to determine sprint length? (Each correct answer presents part of the solution. Choose two.)

A. The iteration length should be long enough to ensure than no more than 20 percent of the total effort is spent performing deployment and administrative tasks.
B. The iteration length should be consistent.
C. The iteration length should be flexible.
D. The sprint length should be long enough to create a usable and potentially releasable product.
E. The iteration length should be longer than one month.

Answer: B, D

Explanation:
Sprint length
I asked Ken Schwaber once how long a Sprint should be. His answer was, “As short as possible and no shorter.” Sprints of longer than four weeks (one month) have a smell—the smell of water falling. When a Sprint’s length is longer than a month, the definition of what is being built may change or complexity and risk may increase. By limiting the maximum length of a Sprint, at most one month of development effort would be wasted, rather than several months in a classic waterfall project.
Conversely, Sprints with a length of less than one week are possible, but should be executed only by a high-performance Scrum Team. Even with very short Sprints, the overhead of the inner events must be factored in, leaving even less time for actual software development. Teams working in ”micro sprints” like these need to be on their A-game every day. Ideally, the length of the Sprint does not change. If it must, it can only change in between Sprints, as a result of a decision made collaboratively during the prior Sprint’s retrospective meeting. Any change to the length of a Sprint will cause disruption to the Development Team’s cadence. This will correct over time, as will its Velocity.
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Question: 271

You are using the Microsoft Solution Framework (MSF) for Capability Maturity Model Integration (CMMI) Process Improvement 6.0 process template.
A stakeholder has requested a change, but the change request has not received the attention that it requires.
You need to escalate the change request.
What should you do?

A.
• Create an impediment work item.
• Link the new impediment to the change request.
• Escalate the impediment to get the change request on track.
B.
• Create a bug work item.
• Link the new bug to the change request.
• Escalate the bug to get the change request on track.
C.
• Create an issue work item.
• Link the new issue to the change request.
• Escalate the issue to get the change request on track.
D.
• Create another change request work item.
• Link the new change request to the change request.
• Escalate the change request to get the change request on track.

Answer: D

Explanation:
If a change request does not receive the attention that it requires, escalate the matter by creating an issue work item. Link the new issue to the change request, and escalate the issue to get the change request impact assessment on track.
http://msdn.microsoft.com/en-us/library/ee461569.aspx

Question: 272

You are a scrum master.
You need to lead the daily scrum meeting.
Which three questions should you ask? (Each correct answer presents part of the solution. Choose three.)

A. What will be done before the next meeting?
B. What went well?
C. What has been accomplished since the last meeting?
D. Are there any potential improvements?
E. What obstacles are in the way?
F. Is the burndown up to date?

Answer: ACE

Explanation:
The most popular technique that Development Teams use during the Daily Scrum is to stand in a circle facing each other. Each developer, in turn, answers the following three questions:
1. What have I done since the last Scrum?
2. What will I do between now and the next Scrum?
3. What impediments are in my way?
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Question: 273

You are using the Microsoft Visual Studio Scrum 2.0 process template. You recently finished a sprint.
You need to conduct a retrospective meeting prior to planning the next sprint.
What should you do?

A. Analyze and revise the story points of the work items completed in the previous sprint.
B. Analyze the previous sprint to identify what the team is going to do differently during the next sprint.
C. Analyze items in the product backlog for the next sprint.
D. Determine which items have been finished on the previous sprint.

Answer: C

Question: 274

You are part of a scrum team that needs to identify user stories to complete in the next sprint.
What should the scrum master do?

A. Have the product owner decide which user stories to complete within the sprint.
B. Order the user stories by their story points. Select the top stories based on the team's velocity.
C. Have the team decide which user stories to complete within the sprint.
D. The scrum master should decide which user stories to complete within the sprint.

Answer: C

Question: 275

You are planning to develop a new application.
You need to ensure that the code is easy to test and obtain high code coverage.
What should you do?

A. Create as many static methods as possible.
B. Create a fake for each class that you are testing.
C. Ensure that concrete classes depend only on other concrete classes.
D. Ensure that each class has only one responsibility.

Answer: D

Question: 276

Your team uses Microsoft Visual Studio Team Foundation Server (TFS) as their application lifecycle management solution.
The team is developing a mission-critical internal web application. The data service and user interface are on different servers. The web application includes a Windows client The internal IT group uses packaged software to distribute software to internal clients. File shares are used for staging. The file shares are titled \\deploy\staging\myapp. and they contain the install packages.
The team needs to deploy updates on a quarterly basis. The team also needs to keep copies of the deployed software in the team's environment and to use TFS Release Management.
You need to create a process that deploys the Windows client to the staging area.
What should you do?

A. Create a custom action to deploy your msi file, and use one-click deployment.
B. Create a Release Template, and add the step Copy file or Folder in the Staging tab. Set the Destination to \\deploy\staging\myapp.
C. Create a Release Template, and add the Windows OS task of moving a file. Set the staging area as the place to move the msi file.
D. Create a custom action that connects to the internal third-party deployment api, and add it to the Release Template.

Answer: B

Question: 277

You are the lead software solution designer for Contoso, Ltd. You build and test software by using Microsoft Visual Studio Premium.
The company is undertaking a new software project that you will design and manage. Senior management wants stakeholders to be able to provide continuous feedback on frequent builds.
Your team uses two-week iterations and wants to view a backlog of all functionality and bugs together.
You need to implement a process template for the project. You want to achieve this goal by using minimal effort.
Which process template should you use?

A. a Scrum template
B. a CMMI template
C. your own custom template
D. an Agile template

Answer: A

Explanation:
Ref:
http://msdn.microsoft.com/en-us/library/jj920147.aspx

Question: 278

DRAG DROP
You are on the development team of your company's newly-formed Scrum team.
At the start of your first sprint, your Scrum Master tells you that you are required to participate in the Daily Scrum or Stand-up.
You need to attend this meeting and give feedback to three important questions.
Which three questions should you answer in sequence? To answer, move the appropriate questions from the list in the answer area and arrange them in the correct order.

Answer:

Box 1:

Box 2:

Box 3:

Question: 279

You are using the Microsoft Visual Studio Scrum process template. You recently finished a sprint.
You need to conduct a retrospective meeting prior to planning the next sprint.
What should you do?

A. Analyze items in the product backlog for the next sprint.
B. Analyze the previous sprint to identify what the team is going to do differently during the next sprint
C. Analyze and revise the story points of the work items completed in the previous sprint.
D. Determine which items have been finished on the previous sprint.

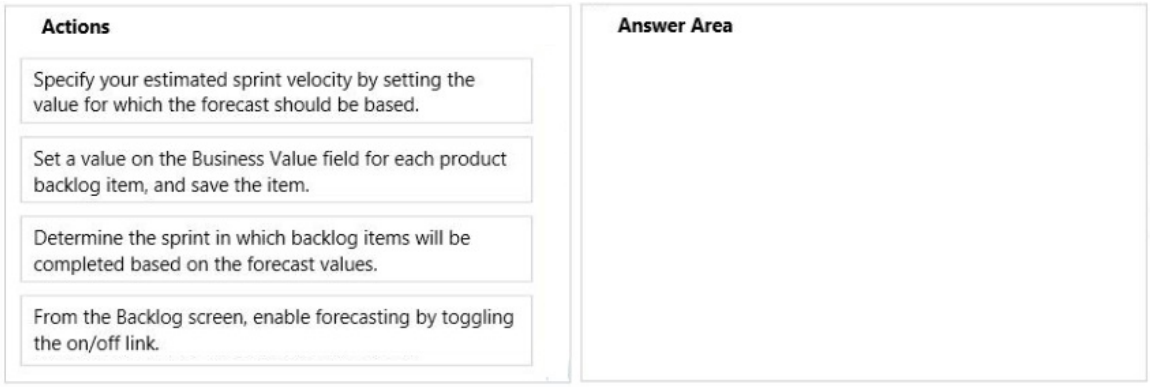
Answer: B

Explanation:

The Sprint Retrospective is an opportunity for the Scrum Team to inspect itself and create a plan for improvements to be enacted during the next Sprint.The purpose of the Sprint Retrospective is to:• Inspect how the last Sprint went with regards to people, relationships, process, and tools;• Identify and order the major items that went well and potential improvements; and,• Create a plan for implementing improvements to the way the Scrum Team does its work.
Sprint Retrospectives are used by teams to deliberately improve. Effective Sprint Retrospectives are an important ingredient in helping good teams become great and great teams sustain themselves.
Explanation:
Ref:
http://msdn.microsoft.com/en-us/library/jj620912.aspx

Question: 280

DRAG DROP
Your team uses Microsoft Visual Studio Team Foundation Server (TFS) to manage the software development process.
You are using the Microsoft Visual Studio Scrum process template on your TFS Team Project.
Your product owner adds new product backlog items to your backlog.
You need to estimate how many sprints are necessary to complete the work in your backlog.
You have set a value for the Effort field for each product backlog item found in your backlog as a first step.
Which three 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.



Answer:

Box 1:

From the Backlog screen, enable forecasting by toggling the on/off link.

Box 2:

Specify your estimated sprint velocity by setting the value for which the forecast should be based.

Box 3:

Determine the sprint in which backlog items will be completed based on the forecast values.

Question: 281

Your development team uses Scrum as its process framework.
You are attempting to increase efficiency, code quality, and limit scope creep by making some changes to your team's development process.
You need to identify key metrics for measuring the effect of any changes to your process.
Which three key metrics should you use? Each correct answer presents part of the solution.

A. number of story points delivered during the sprint
B. number of manual test cases created
C. number of bugs reported by testers
D. number of tasks added to the sprint after the sprint starts
E. number of classes in the code-base
F. number of items added to the product backlog

Answer: A, C, D

Question: 282

Your team uses Microsoft Visual Studio Team Foundation Server (TFS) to manage the software development process.
You use the Microsoft Visual Studio Scrum 2013 process template on your TFS Team Project.
You work with the product owner to define and prioritize the Product Backlog.
Due to new business regulations, a group of product backlog items need to be implemented sooner than initially planned.
You need to raise the business value of the affected product backlog items.
Which two actions should you perform? Each correct answer presents a complete solution.

A. Edit the Product Backlog Item work item by changing the resolution to a higher value.
B. Select the Product Backlog Item, and drag it towards the top of the backlog.
C. Adjust the business value on the Product Backlog Item.
D. Edit the Product Backlog Item work item by changing the priority to a higher value.
E. Select the Product Backlog Item, and drag it towards the bottom of the backlog.

Answer: AC

Question: 283

DRAG DROP
Your team uses Microsoft Visual Studio Team Foundation Server (TFS) to manage the software development process.
You use the Microsoft Visual Studio Scrum process template on your TFS Team Project.
You review your backlog before your sprint planning meeting and realize that one of your stories scheduled for the sprint is larger than your forecasted velocity.
You need to ensure that your backlog is ready for sprint planning.
Which three 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
From the Backlog screen, drag any remaining new stories into the following sprint.	
From the Backlog screen, increase the velocity forecast so that the story can be included in the sprint.	
From the Backlog screen, drag the new stories into the upcoming sprint.	
Break up the story into smaller stories that can be delivered during the sprint, and associate the stories to the initial story.	
From the Backlog screen, add the initial story into the upcoming sprint so that the team can deliver part of it.	

Answer:

Box 1:

Break up the story into smaller stories that can be delivered during the sprint, and associate the stories to the initial story.

Box 2:

From the Backlog screen, drag the new stories into the upcoming sprint.

Box 3:

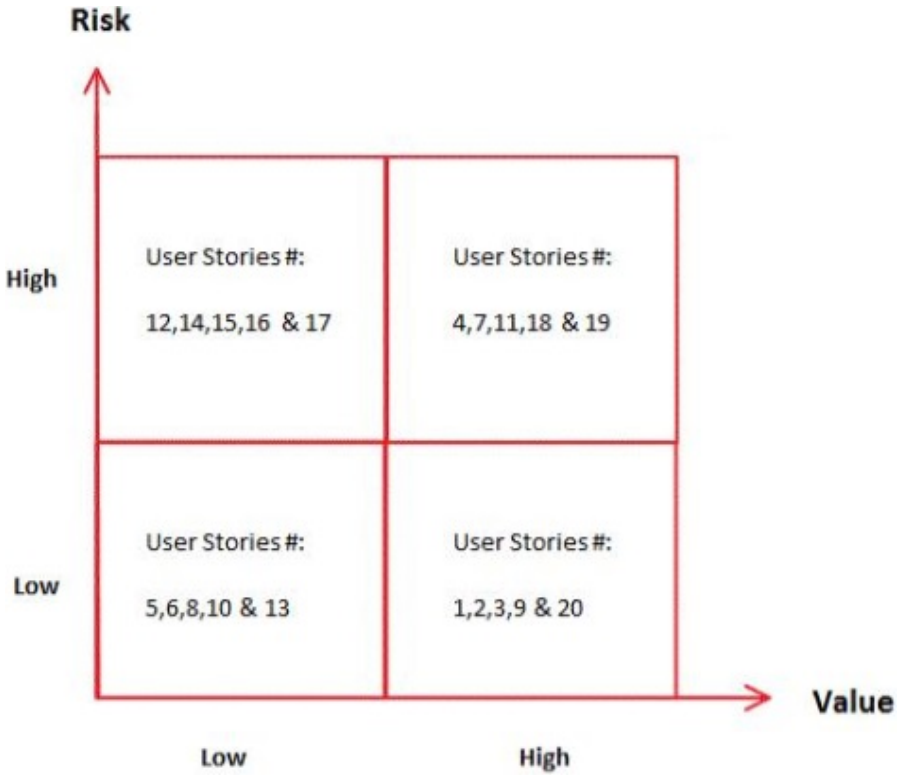
From the Backlog screen, drag any remaining new stories into the following sprint.

Question: 284

HOTSPOT

Your Scrum team is planning a release and wants to prioritize user stories based on value and risk.

The stories are grouped according to the ratio of value to risk, as shown in the following image. Effort is the same for all user stories.



The product owner on your team wants to ensure a higher return on investment based on today's prioritization activity.

You need to prioritize these user stories into four sprints for this release.

Use the drop-down menus to select the answer choice that answers each question.

Answer Area

Which user stories should you include in Sprint 1? [ ]

Which user stories should you include in Sprint 4? [ ]

Answer Area

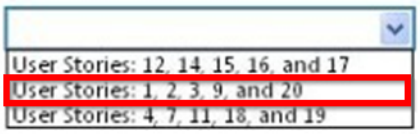
Which user stories should you include in Sprint 1? [ ]
- User Stories: 12, 14, 15, 16, and 17
- User Stories: 1, 2, 3, 9, and 20
- User Stories: 4, 7, 11, 18, and 19

Which user stories should you include in Sprint 4? [ ]
- User Stories: 1, 2, 3, 9, and 20
- User Stories: 4, 7, 11, 18, and 19
- User Stories: 12, 14, 15, 16, and 17

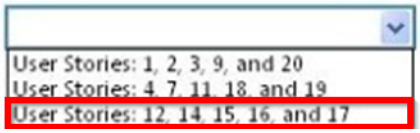
Answer:

Answer Area

Which user stories should you include in Sprint 1?



Which user stories should you include in Sprint 4?



Question: 285

You are the lead software developer for your company. You are using Microsoft Visual Studio 2012 and Test Driven Development to create a new commercial software product.
Management asks you to define unit testing standards that all developers will follow.
You need to design the first unit test for a new class.
What should you design the first unit test to do initially?

A. test a range of values
B. test exceptional cases
C. pass the base case
D. fail the base case

Answer: D

Explanation:
You create the first test to fail the base case. Then based on the results of the failure, you implement the code to achieve a pass.
Explanation:
Ref:
http://blog.cellenza.com/alm-2/visual-studio/tutorial-test-driven-development-with-visual-studio-2012/

Question: 286

You are a lead developer for your company. You are responsible for a managed application with an existing codebase. Customers report that the software is unstable. Management wants you to lead an effort to add unit testing to the application.
You need to identify the part of the application that will benefit most from adding unit tests. The goal is to achieve better software quality for the most users.
Which section of code should you target? More than one answer choice may achieve the goal. Select the BEST answer.

A. code that has remained unchanged for years
B. code that is complicated but rarely executed
C. code that was recently added to the project
D. code to which many bug reports have been traced

Answer: D

Question: 287

Your team uses Microsoft Visual Studio Team Foundation Server {TFS) to manage your software projects. The operations team uses System Center Operations Manager (SCOM) and configures synchronization with TFS by using TFS Work Item Synchronization Management Pack.
You need to send information about production errors, including IntelliTrace information from System Center, to the software development team.
What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

A. Assign an existing Application Error from System Center to the development team by using the TFS connector and opening an error alert. Select the Assign to Engineering option from the Alert Status menu.
B. From System Center, select an existing alert, and enable full IntelliTrace collection by using the tasks panel. Once the IntelliTrace file is associated to the alert select the Assign to Engineering option from the Alert Status menu.
C. From the TFS Administration Console, select the Import IntelliTrace files menu, and associate the IntelliTrace file to a new work item.
D. From System Center, select an existing alert, and enable the full IntelliTrace collection by using the tasks panel. Once the IntelliTrace file is associated to the alert, create a new work item in TFS, and add a link to the new System Center alert.

Answer: B, D

Question: 288

You are the application architect on your team. You have a straightforward architecture consisting of an ASP.NET MVC Web Application that depends on a Class Library, which contains the Business Logic. The Business Logic uses another Class Library that contains the Data Access code.
No code in the UI should ever use the Data Access library directly.
You need to enforce this architectural requirement.
Which Visual Studio tool should you use?

A. Layer Diagram
B. Directed Graph Document
C. Dependency Graph
D. UML Component Diagram

Answer: A

Explanation:
Ref:
http://msdn.microsoft.com/en-us/library/dd409462.aspx

Question: 289

HOTSPOT
You are the lead tester for Contoso, Ltd. The company is using Microsoft Visual Studio to develop a new software product.
Management wants to test the product as it is developed. Some components that require testing have dependencies that are not yet built or are otherwise unavailable.
You need to test the components.
In the table below, identify where only a shim or a stub can be used in the situation. Make only one selection in each

column.

Answer Area

Testing situation	Shim	Stub
a call that uses defined interface to reach an external service	○	○
a call to an internal type	○	○
a call to a private method.	○	○

Answer:

Answer Area

Testing situation	Shim	Stub
a call that uses defined interface to reach an external service	○	◉
a call to an internal type	○	◉
a call to a private method.	◉	○

Question: 290

You are a developer. Your company has a Microsoft Visual Studio Team Foundation Server (TFS) installation for a project. The TFS installation uses the Microsoft Solutions Framework (MSF) for Agile Software Development project template. The developers have standard Contributor permissions, and the Scrum Master has Project Administrator permissions.

The project development team performs time of regression testing of all stories at the end of each release. Defects are linked to the corresponding story. The team wants to view all completed user stories for release 1 with related open defects. This query needs to appear on the home page of the web portal.
You need to create a query that includes the user story title, defect title, and the status of the defect.
Which two actions should you perform? Each correct answer presents part of the solution.

A. Using the Query editor, create a new Flat query named RI Open Defects. Set Work Item Type to Defect, and set the State filter to <> Done.
B. Using the Query editor, create a new direct links query named RI Open Defects that links user stories by using the iteration filter Under, Release 1, and related Bugs. Filter the bugs by by State < > Done.
C. Have the Scrum master right-click the query RI Open Defects, and select add to team favorites.
D. As a developer, from the Query menu, right-click the query RI Open Defects, and select add to team favorites.

Answer: BC

Question: 291

You are an automation engineer for your company. Your Scrum team is defining processes for how your team should deliver products for product owner approval.
Your development team is deciding what the definition of done should be.
You need to contribute a test suite that will confirm each user story's level of done.
Which test should you perform?

A. Integration
B. Security
C. Performance
D. System

Answer: D

Question: 292

DRAG DROP
You are a developer for Contoso, Ltd. The product owner sends an email with a list of requirements that need to be built out for your company's social media product.
You plan to use the list of requirements to create the Product Backlog. The development team will break these features into user stories.
You need to create a user story from a user's perspective in which the user accesses the contact history. Additionally, you need to document the action the user wants to take and the benefit the user will receive from that action.
Complete the user story. To answer, drag the appropriate component of the user story to the correct target. Each component of the user story may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

User Story Component

- registered member
- user
- log on by using a Public-key authentication protocol
- I can access my history
- I can access a secure area of the system
- my history displays
- my information displays
- A message displays and explains that my username is not registered
- an error is displayed

Answer Area

As a:	User Story component
I want to:	User Story component
So That:	User Story component
When I perform this action:	**This is the result:**
log on with my registered username, and register a 6-10 character alphanumeric password	User Story component
try to log on with an unregistered username	User Story component

Answer:

Box 1:

registered member

Box 2:

log on by using a Public-key authentication protocol

Box 3:

I can access my history

Box 4:

my history displays

Box 5:

A message displays and explains that my username is not registered