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**Exam** : **070-496**

**Title** : Administering Visual Studio  
Team Foundation Server  
2012

**Version** : Demo

### 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.)

Build Component	Standards Checking Task
Build Service	Validate that path was configured so customized build templates find their assembly references.
Build Agent	Validate that proper tags were used to route build requests to appropriate machines.
Build Controller	Validate that your standard working directory paths are being used.
	Validate that builds will support coded UI tests.

**Answer:**

Build Component	Standards Checking Task
	<p data-bbox="528 327 916 521">Validate that path was configured so customized build templates find their assembly references.</p> <p data-bbox="1015 327 1283 365">Build Controller</p>
	<p data-bbox="528 573 940 734">Validate that proper tags were used to route build requests to appropriate machines.</p> <p data-bbox="1015 573 1214 611">Build Agent</p>
	<p data-bbox="528 775 852 936">Validate that your standard working directory paths are being used.</p> <p data-bbox="1015 786 1214 824">Build Agent</p>
	<p data-bbox="528 987 932 1066">Validate that builds will support coded UI tests.</p> <p data-bbox="1015 976 1241 1014">Build Service</p>

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**

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**

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**

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 SharePoint portal command.
- D. From the SharePoint Central Administration website, configure the Alternate Access Mappings.

**Answer: D**

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 AI 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**

7. Your network environment is configured according to the following table:

Tier	Configuration
Data	<ul style="list-style-type: none"> <li>• Microsoft Windows Server 2008 R2</li> <li>• Microsoft SQL Server 2012</li> </ul>
Application	<ul style="list-style-type: none"> <li>• Microsoft Windows Server 2008 R2</li> <li>• Microsoft Visual Studio Team Foundation Server (TFS) 2012</li> <li>• Microsoft SharePoint Foundation 2010</li> </ul>

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**

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**

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: \Bld\\$(BuildAgentId)\\$(BuildDefinitionPath).
- B. Create a system variable named BuildDrive and set its value to D: \.
- C. Set the Build Service working directory path to D: \Bld\\$(BuildAgentId)\\$(BuildDefinitionPath).
- D. Set the Team Foundation Build variable named \$(BuildDrive) to the value D: \.

**Answer: A**

#### 10. DRAG DROP

Your network environment is configured according to the following table:

Purpose	Name	Software Installed
Application tier	TFS1	<ul style="list-style-type: none"> <li>• Microsoft Visual Studio Team Foundation Server (TFS) 2010</li> </ul>
Data tier	SQL1	<ul style="list-style-type: none"> <li>• Microsoft SQL Server 2012</li> <li>• Microsoft SQL Server 2012 Reporting Services (SSRS)</li> <li>• Microsoft SQL Server 2012 Analysis Services (SSAS)</li> </ul>
Collaboration	COLLAB1	<ul style="list-style-type: none"> <li>• Microsoft SharePoint Foundation 2010</li> </ul>

You do not have budget to install a new machine. You need to perform an in-place upgrade of your TFS1 server from TFS 2010.

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

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

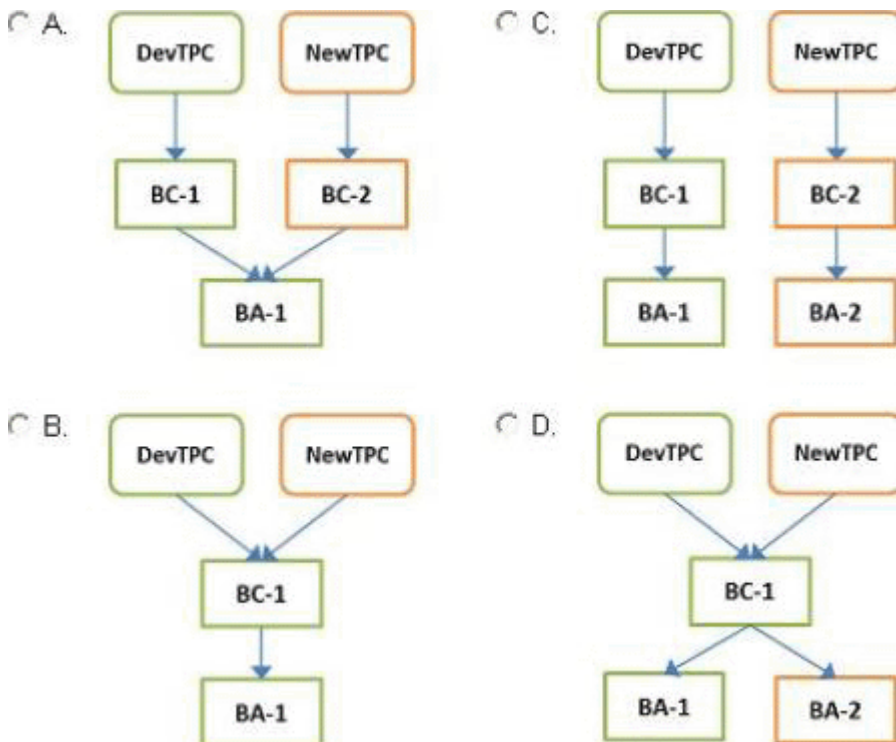
**Answer:**

.....	
Answer Area	
	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.

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

**Answer: C**

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 TFSSConfig.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**

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**

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**

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**