



Microsoft Azure DevOps Solutions v1.0 (AZ-400)

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Question 11 (Question Set 1)



DRAG DROP -

You are planning projects for three customers. Each customer's preferred process for work items is shown in the following table.

Customer name	Preferred process
Litware, Inc.	Track product backlog items (PBIs) and bugs on the Kanban board. Break the PBIs down into tasks on the task board.
Contoso, Ltd.	Track user stories and bugs on the Kanban board. Track the bugs and tasks on the task board.
A. Datum Corporation	Track requirements, change requests, risks, and reviews.

The customers all plan to use Azure DevOps for work item management.

Which work item process should you use for each customer? To answer, drag the appropriate work item processes to the correct customers. Each work item process 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.

NOTE: Each correct selection is worth one point.

Select and Place:

Processes

Agile

CMMI

Scrum

XP

Answer Area

Litware

Contoso:

A. Datum:

Expose Correct Answer

Answer :

Processes

XP

Answer Area

Litware

Contoso:

A. Datum:

Scrum

Agile

CMMI

Explanation:**Box 1: Scrum -**

Choose Scrum when your team practices Scrum. This process works great if you want to track product backlog items (PBIs) and bugs on the Kanban board, or break PBIs and bugs down into tasks on the taskboard.

Box 2: Agile -

Choose Agile when your team uses Agile planning methods, including Scrum, and tracks development and test activities separately. This process works great if you want to track user stories and (optionally) bugs on the Kanban board, or track bugs and tasks on the taskboard.

Box 3: CMMI -

Choose CMMI when your team follows more formal project methods that require a framework for process improvement and an auditable record of decisions. With this process, you can track requirements, change requests, risks, and reviews.

Incorrect Answers:**XP:**

The work tracking objects contained within the default DevOps processes and DevOps process templates are Basic, Agile, CMMI, and Scrum

XP (Extreme Programming) and DevOps are different things. They don't contradict with each other, they can be used together, but they have different base concepts inside them.

References:

<https://docs.microsoft.com/en-us/azure/devops/boards/work-items/guidance/choose-process?view=azure-devops>

[Next Question](#)**Question 12 (Question Set 1)**

Your development team is building a new web solution by using the Microsoft Visual Studio integrated development environment (IDE).

You need to make a custom package available to all the developers. The package must be managed

centrally, and the latest version must be available for consumption in Visual Studio automatically. Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Publish the package to a feed.
- B. Create a new feed in Azure Artifacts.
- C. Upload a package to a Git repository.
- D. Add the package URL to the Environment settings in Visual Studio.
- E. Add the package URL to the NuGet Package Manager settings in Visual Studio.
- F. Create a Git repository in Azure Repos.

Expose Correct Answer

Answer : **ABE**

Explanation:

B: By using your custom NuGet package feed within your Azure DevOps (previously VSTS) instance, you™ll be able to distribute your packages within your organization with ease.

Start by creating a new feed.

A: We can publish, pack and push the built project to our NuGet feed.

E: Consume your private NuGet Feed

Go back to the Packages area in Azure DevOps, select your feed and hit "Connect to feed". You™ll see some instructions for your feed, but it™s fairly simple to set up.

Just copy your package source URL, go to Visual Studio, open the NuGet Package Manager, go to its settings and add a new source. Choose a fancy name, insert the source URL. Done.

Search for your package in the NuGet Package Manager and it should appear there, ready for installation. Make sure to select the appropriate feed (or just all feeds) from the top right select box.

References:

<https://medium.com/medialesson/get-started-with-private-nuget-feeds-in-azure-devops-8c7b5f022a68>

Next Question

Question 13 (Question Set 1)



You have a GitHub repository.

You create a new repository in Azure DevOps.

You need to recommend a procedure to clone the repository from GitHub to Azure DevOps.

What should you recommend?

- A. Create a pull request.

- B.** Create a webhook.
- C.** Create a service connection for GitHub.
- D.** From Import a Git repository, click Import.
- E.** Create a personal access token in Azure DevOps.

Expose Correct Answer

Answer : **D**

Explanation:

You can import an existing Git repo from GitHub, Bitbucket, GitLab, or other location into a new or empty existing repo in your project in Azure DevOps.

Import into a new repo -

1. Select Repos, Files.
2. From the repo drop-down, select Import repository.
3. If the source repo is publicly available, just enter the clone URL of the source repository and a name for your new Git repository.

References:

<https://docs.microsoft.com/en-us/azure/devops/repos/git/import-git-repository?view=azure-devops>

Next Question

Question 14 (Question Set 1)



Your company is concerned that when developers introduce open source libraries, it creates licensing compliance issues.

You need to add an automated process to the build pipeline to detect when common open source libraries are added to the code base.

What should you use?

- A.** SourceGear Vault
- B.** Jenkins
- C.** Microsoft Visual SourceSafe
- D.** WhiteSource Bolt

Expose Correct Answer

Answer : **D**

Explanation:

WhiteSource provides WhiteSource Bolt, a lightweight open source security and management solution developed specifically for integration with Azure DevOps and Azure DevOps Server.

Note: WhiteSource is the leader in continuous open source software security and compliance management. WhiteSource integrates into your build process, irrespective of your programming languages, build tools, or development environments. It works automatically, continuously, and silently in the background, checking the security, licensing, and quality of your open source components against WhiteSource constantly-updated definitive database of open source repositories.

Reference:

<https://www.azuredevopslabs.com/labs/vstsextend/whitesource/>

Next Question

Question 15 (Question Set 1)



You plan to use a NuGet package in a project in Azure DevOps. The NuGet package is in a feed that requires authentication.

You need to ensure that the project can restore the NuGet package automatically.

What should the project use to automate the authentication?

- A.** an Azure Automation account
- B.** an Azure Artifacts Credential Provider
- C.** an Azure Active Directory (Azure AD) account that has multi-factor authentication (MFA) enabled
- D.** an Azure Active Directory (Azure AD) service principal

Expose Correct Answer

Answer : **B**

Explanation:

The Azure Artifacts Credential Provider automates the acquisition of credentials needed to restore NuGet packages as part of your .NET development workflow. It integrates with MSBuild, dotnet, and NuGet(.exe) and works on Windows, Mac, and Linux. Any time you want to use packages from an Azure Artifacts feed, the

Credential Provider will automatically acquire and securely store a token on behalf of the NuGet

client you're using.

Reference:

<https://github.com/Microsoft/artifacts-credprovider>

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