Microsoft

Exam Questions AZ-400

Microsoft Azure DevOps Solutions (beta)
NEW QUESTION 1
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
Solution: from the Triggers tab of the build pipeline, you select Enable continuous integration
Does the meet the goal?
A. Yes
B. No

Answer: B

Explanation:
In Visual Designer you enable continuous integration (CI) by:
* Select the Triggers tab.
* Enable Continuous integration.
A continuous integration trigger on a build pipeline indicates that the system should automatically queue a new build whenever a code change is committed.
References:
https://docs.microsoft.com/en-us/azure/devops/pipelines/get-started-designer

NEW QUESTION 2
DRAG DROP
You have an Azure Kubernetes Service (AKS) implementation that is RBAC-enabled You plan to use Azure Container Instances as a hosted development environment to run containers in the AKS implementation.
You need to conjure Azure Container Instances as a hosted environment for running me containers in AKS. Which three actions should you perform m sequence?
To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Create a YAML file.
If your AKS cluster is RBAC-enabled, you must create a service account and role binding for use with Tiller. To create a service account and role binding, create a file named rbac-virtual-kubelet.yaml
Step 2: Run kubectl apply.
Apply the service account and binding with kubectl apply and specify your rbac-virtual-kubelet.yaml file.
Step 3: Run kubectl apply.
Configure Helm to use the tiller service account: helm init --service-account tiller
You can now continue to installing the Virtual Kubelet into your AKS cluster. References: https://docs.microsoft.com/en-us/azure/aks/virtual-kubelet

NEW QUESTION 3
DRAG DROP
You need to configure access to Azure DevOps Agent pools to meet the forwarding requirements:
* Use a project agent pool when authoring build release pipelines.
* View the agent pool and agents of the organization.
* Use the principle of least privilege.
Which role memberships are required for the Azure 0ee%Os organization and the project? To answer, drag the appropriate role membership to the correct targets.
Each role membership may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to content

NOTE: Each correct selection is worth one point.
A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Reader
Members of the Reader role can view the organization agent pool as well as agents. You typically use this to add operators that are responsible for monitoring the agents and their health.

Box 2: Service account
Members of the Service account role can use the organization agent pool to create a project agent pool in a project. If you follow the guidelines above for creating new project agent pools, you typically do not have to add any members here. Incorrect Answers:

In addition to all the permissions given the Reader and the Service Account role, members of the administrator role can register or unregister agents from the organization agent pool. They can also refer to the organization agent pool when creating a project agent pool in a project. Finally, they can also manage membership for all roles of the organization agent pool. The user that created the organization agent pool is automatically added to the Administrator role for that pool.

References: https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/poolsqueues

NEW QUESTION 4

You are configuring a release pipeline in Azure DevOps as shown in the exhibit.

Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

A. Mastered
NEW QUESTION 5
DRAG DROP
Your company has four projects. The version control requirements for each project are shown in the following table.

<table>
<thead>
<tr>
<th>Project 1</th>
<th>Project 2</th>
<th>Project 3</th>
<th>Project 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project leads must be able to restrict access to individual files and folders in the repository</td>
<td>The version control system must enforce the following rules before merging any changes to the main branch: - Changes must be reviewed by at least two project members; - Changes must be associated to at least one work team.</td>
<td>The project members must be able to work in Azure Repos directly from Xcode</td>
<td>The release branch must only be viewable or editable by the project leads</td>
</tr>
</tbody>
</table>

You plan to use Azure Repos for all the projects. Which version control system should you use for each project? To answer, drag the appropriate version control systems to the correct projects. Each version control system 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Team Foundation Version Control
TFVC lets you apply granular permissions and restrict access down to a file level. Box 2: Git
Git is the default version control provider for new projects. You should use Git for version control in your projects unless you have a specific need for centralized version control features in TFVC.
Box 3: Subversion
Note: Xcode is an integrated development environment (IDE) for macOS containing a suite of software development tools developed by Apple
Box 4: Git
Note: Perforce: Due to its multitenant nature, many groups can work on versioned files. The server tracks changes in a central database of MD5 hashes of file content, along with descriptive meta data and separately retains a master repository of file versions that can be verified through the hashes.
References: https://searchitoperations.techtarget.com/definition/Perforce-Software

NEW QUESTION 6
You have a brand policy in a project in Azure DevOps. The policy requires that code always builds successfully. You need to ensure that a specific user can always merge change to the master branch, even if the code fails to compile. The solution must use the principle of least privilege.
What should you do?

A. From the Security setting of the repository, modify the access control for the user.
B. From the Security settings of the branch, modify the access control for the user.
C. Add the user to the Build Administrators group.
D. Add the user to the Project Administrators group

Answer: B
NEW QUESTION 7
Your company has a project in Azure DevOps for a new application. The application will be deployed to several Azure virtual machines that run Windows Server 2016.
You need to recommend a deployment strategy for the virtual machines. The strategy must meet the following requirements:
- Ensure that the virtual machines maintain a consistent configuration.
- Minimize administrative effort to configure the virtual machines.

What should you include in the recommendation?

A. Deployment YAML and Azure pipeline stage templates
B. Azure Resource Manager templates and the Custom Script Extension for Windows
C. Azure Resource Manager templates and the PowerShell Desired State Configuration (DSC) extension for Windows
D. Deployment YAML and Azure pipeline deployment groups

Answer: C

NEW QUESTION 8
You need to configure Azure Automation for the computers in Pool7.
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.

- Ensure that the virtual machines maintain a consistent configuration.
- Minimize administrative effort to configure the virtual machines.

Case Study: 1 Overview
Existing Environment
Litware, Inc. is an independent software vendor (ISV). Litware has a main office and five branch offices.
Application Architecture
The company’s primary application is a single monolithic retirement fund management system based on ASP.NET web forms that use logic written in V8.NET.
Some new sections of the application are written in C#.
Variations of the application are created for individual customers. Currently, there are more than 80 have code branches in the application’s code base.
The application was developed by using Microsoft Visual Studio. Source code is stored in Team Foundation Server (TFS) in the main office.
The branch offices access the source code by using TFS proxy servers.
Architectural Issues
Litware focuses on writing new code for customers. No resources are provided to refactor or remove existing code. Changes to the code base take a long time, as dependencies are not obvious to individual developers.

Requirements Planned Changes
Litware plans to develop a new suite of applications for investment planning. The investment planning Applications will require only minor integration with the existing retirement fund management system.
The investment planning applications suite will include one multi-tier web application and two iOS mobile applications. One mobile application will be used by employees; the other will be used by customers.
Litware plans to move to a more agile development methodology. Shared code will be extracted into a series of package.
Litware has started an internal cloud transformation process and plans to use cloud-based services whenever suitable.
Litware wants to become proactive in detecting failures, rather than always waiting for customer bug reports.

Technical Requirements
The company’s investment planning applications suite must meet the following technical requirements:
- New incoming connections through the firewall must be minimized.
- Members of a group named Developers must be able to install packages.
- The principle of least privilege must be used for all permission assignments.
- A branching strategy that supports developing new functionality in isolation must be used.
- Members of a group named Team leaders must be able to create new packages and edit the permissions of package feeds.
- Visual Studio App Center must be used to centralize the reporting of mobile application crashes and device types in use.
- By default, all App Center must be used to centralize the reporting of mobile application crashes and device types in use.
- The mobile applications must be able to call the share pricing service of the existing retirement fund management system. Until the system is upgraded, the service will only support basic authentication over HTTPS.
- The required operating system configuration for the test servers changes weekly. Azure Automation State Configuration must be used to ensure that the operating system on each test server is configured the same way when the servers are created and checked periodically.

Current Technical
The test servers are configured correctly when first deployed, but they experience configuration drift over time. Azure Automation State Configuration fails to correct the configurations.

Azure Automation State Configuration nodes are registered by using the following command.

Register-AzureRmAutomationDscNode
-ResourceGroupName ‘TestResourceGroup’
-AutomationAccountName ‘LitwareAutomationAccount’
-AzureVMMName ‘svmsname’
-ConfigurationMode ‘ApplyOnly’
A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 9

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