AZ-400^Q&As

Designing and Implementing Microsoft DevOps Solutions

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QUESTION 1

You have a project in Azure DevOps.

You plan to deploy a self-hosted agent by using an unattended configuration script.

Which two values should you define in the configuration script? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. authorization credentials

B. the project name

C. the deployment group name

D. the organization URL

E. the agent pool name

Correct Answer: AD

Unattended config:

The agent can be set up from a script with no human intervention. You must pass --unattended and the answers to all questions.

To configure an agent, it must know the URL to your organization or collection and credentials of someone authorized to set up agents. All other responses are optional.

Reference:

https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/v2-windows

QUESTION 2

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 ft. As a result these questions will not appear in the review screen.

You company has a prefect in Azure DevOps for a new web application.

You need to ensure that when code is checked in, a build runs automatically.

Solution: From the Triggers tab of the build pipeline, you selected Batch changes while a build is in progress

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

QUESTION 3

You have an Azure subscription that contains four Azure virtual machines

You need to configure the virtual machines to use a single identity. The solution must meet the following requirements:

Ensure that the credentials for the identity are managed automatically.

Support granting privileges to the identity.

Which type of identity should you use?

A. a service principal

B. a user-assigned managed identity

C. a system-assigned managed identity

D. a user account

Correct Answer: C

Explanation: System-assigned managed identities enable Azure resources to authenticate to cloud services without storing credentials in code. They also support granting privileges to the identity, making them the ideal choice for this scenario. Source: Microsoft

QUESTION 4

DRAG DROP

You are building an application that has the following assets:

1.

Source code

2.

Logs from automated tests and builds

3.

Large and frequently updated binary assets

4.

A common library used by multiple applications

Where should you store each asset? To answer, drag the appropriate Azure services to the correct assets. Each service may be used once. 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:

Azure Services	Answer Area	
Azure Artifacts	Source code:	[ ]
Azure Pipelines	A common library used by multiple applications:	[ ]
Azure Repos	Logs from automated tests and builds:	[ ]
Azure Storage	Large and frequently updated binary assets:	[ ]
Azure Test Plans		

Correct Answer:

Azure Services	Answer Area	
	Source code:	Azure Repos
	A common library used by multiple applications:	Azure Artifacts
	Logs from automated tests and builds:	Azure Pipelines
	Large and frequently updated binary assets:	Azure Storage
Azure Test Plans		

Box 1: Azure Repos

Box 2: Azure Artifacts

Use Azure Artifacts to create, host, and share packages with your team.

Box 3: Azure Pipelines

In the pipeline view you can see all the stages and associated tests. The view provides a summary of the test results

Box 4: Azure Storage

Reference:

https://docs.microsoft.com/en-us/azure/devops/repos/get-started/what-is-repos

https://azure.microsoft.com/en-us/services/devops/artifacts/

https://docs.microsoft.com/en-us/azure/devops/pipelines/test/review-continuous-test-results-after-build

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QUESTION 5

You add the virtual machines as managed nodes in Azure Automation State Configuration.

You need to configure the computers in Pool7.

What should you do?

A. Modify the RefreshMode property of the Local Configuration Manager (LCM).

B. Run the Register-AzureRmAutomationDscNode Azure Powershell cmdlet.

C. Modify the ConfigurationMode property of the Local Configuration Manager (LCM)

D. Install PowerShell Core.

Correct Answer: B

The Register-AzureRmAutomationDscNode cmdlet registers an Azure virtual machine as an APS Desired State Configuration (DSC) node in an Azure Automation account.

Scenario: The Azure DevOps organization includes: The Docker extension

Project 7	Project7 will contain a target deployment group named Group7 that maps to Pool7. Project7 will use Azure Automation State Configuration to maintain the desired state of the computers in Group7.

A deployment pool named Pool7 that contains 10 Azure virtual machines that run Windows Server 2016

References: https://docs.microsoft.com/en-us/powershell/module/azurerm.automation/register-azurermautomationdscnode