

Microsoft.AZ-400.v2023-01-06.q132

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NEW QUESTION: 1

You are configuring the settings of a new Git repository in Azure Repos.

You need to ensure that pull requests in a branch meet the following criteria before they are merged:

Committed code must compile successfully.

Pull requests must have a Quality Gate status of Passed in SonarCloud.

Which policy type should you configure for each requirement? To answer, drag the appropriate policy types to the correct requirements. Each policy type 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.

Policy Types

- A build policy
- A check-in policy
- A status policy

Committed code must compile successfully:

Pull requests must have a Quality Gate status of Passed in SonarCloud:

Answer:

Policy Types

- A build policy
- A check-in policy
- A status policy

Committed code must compile successfully: A check-in policy

Pull requests must have a Quality Gate status of Passed in SonarCloud: A build policy

Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/tfvc/add-check-policies>

<https://azuredevopslabs.com/labs/vstsextend/sonarcloud/>

NEW QUESTION: 2

Your company has an Azure DevOps project that produces Node Package Manager (npm) packages. Multiple projects consume the packages.

You need to minimize the amount of disk space used by older packages in Azure Artifacts. What should you modify?

- A. the retention settings of the project's release
- B. the retention settings of the company pipeline
- C. the retention settings of the project's pipeline
- D. the retention settings of the project's tests

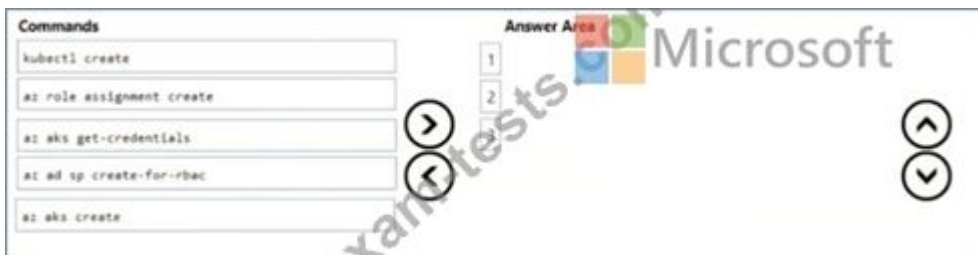
Answer: ([SHOW ANSWER](#))

NEW QUESTION: 3

You plan to use Azure Kubernetes Service (AKS) to host containers deployed from images hosted in a Docker Trusted Registry.

You need to recommend a solution for provisioning and connecting to AKS. The solution must ensure that AKS is RBAC-enabled and uses a custom service principal.

Which three commands should you recommend be run in sequence? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.



Answer:



1 - az acr create

2 - az ad sp create-for-rbac

3 - kubectl create

Reference:

<https://thorsten-hans.com/how-to-use-private-azure-container-registry-with-kubernetes>

NEW QUESTION: 4

You have a project in Azure DevOps named Project1. Project1 contains a published wiki.

You need to change the order of pages in the navigation pane of the published wiki in the Azure DevOps portal.

What should you do?

- A. At the root of the wiki, create a file named .order that defines the page hierarchy.
- B. At the root of the wiki, create a file named wiki.md that defines the page hierarchy.
- C. Rename the pages in the navigation pane.
- D. Drag and drop the pages in the navigation pane.

Answer: ([SHOW ANSWER](#))

Reorder a wiki page

You can reorder pages within the wiki tree view to have pages appear in the order and hierarchy you want. You can drag-and-drop a page title in the tree view to do the following operations:

Change the parent-child relationship of a page

Change the order of the page within the hierarchy

Reference:

<https://docs.microsoft.com/en-us/azure/devops/project/wiki/add-edit-wiki>

NEW QUESTION: 5

You are deploying a new application that uses Azure virtual machines.

You plan to use the Desired State Configuration (DSC) extension on the virtual machines.

You need to ensure that the virtual machines always have the same Windows features installed.

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.

The screenshot shows a Microsoft exam interface. On the left, under the heading "Actions", there is a list of six actions in a scrollable container:

- Load the file to Azure Files.
- Create a PowerShell configuration file.
- Create a YAML configuration file.
- Configure the Custom Script Extension on the virtual machines.
- Configure the DSC extension on the virtual machines.
- Load the file to Azure Blob storage.

Between the "Actions" list and the "Answer Area" are two circular buttons with right-pointing and left-pointing arrows. The "Answer Area" is on the right, featuring a Microsoft logo and a large, faint watermark that reads "examtests.com". To the right of the answer area are two circular buttons with up-pointing and down-pointing arrows. The interface is designed for a drag-and-drop question where the user must select three actions and arrange them in the correct sequence.

Answer:

Answer Area

Create a PowerShell configuration file
Load the file to Azure Blob storage
Configure the Custom Script Extension on the virtual machines.

- 1 - Create a PowerShell configuration file
- 2 - Load the file to Azure Blob storage
- 3 - Configure the Custom Script Extension on the virtual machines.

Reference:

<https://docs.microsoft.com/en-us/azure/automation/automation-dsc-getting-started>

<https://docs.microsoft.com/en-us/azure/virtual-machines/extensions/custom-script-windows>

NEW QUESTION: 6

Your company uses Azure DevOps to manage the build and release processes for applications. You use a Git repository for applications source control.

You plan to create a new branch from an existing pull request. Later, you plan to merge the new branch and the target branch of the pull request.

You need to use a pull request action to create the new branch. The solution must ensure that the branch uses only a portion of the code in the pull request.

Which pull request action should you use?

- A. Set as default branch
- B. Approve with suggestions
- C. Cherry-pick
- D. Reactivate
- E. Revert

Answer: C ([LEAVE A REPLY](#))

Cherry-pick a pull request

To copy changes made in a pull request to another branch in your repo, follow these steps:

In a completed pull request, select Cherry-pick, or for an active pull request, select Cherry-pick from the ... menu. Cherry-picking a pull request in this way creates a new branch with the copied changes. Merge into a target branch in a second pull request.

In Target branch, enter the branch you want to merge the copied changes.

In Topic branch name, enter a new branch to contain the copied changes, then select Cherry-pick.

Select Create pull request to merge the topic branch into the target branch to complete the cherry-pick.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/git/pull-requests>

NEW QUESTION: 7

You need to ensure that Microsoft Visual Studio 2017 can remotely attach to an Azure Function named fa-11566895.

To complete this task, sign in to the Microsoft Azure portal.

Answer:

Enable Remote Debugging

Before we start a debugging session to our Azure Function app we need to enable the functionality.

Navigate in the Azure portal to your function app fa-11566895

Go to the "Application settings"

Under "Debugging" set Remote Debugging to On and set Remote Visual Studio version to 2017.

Reference:

<https://www.locktar.nl/uncategorized/azure-remote-debugging-manually-in-visual-studio-2017/>

NEW QUESTION: 8

Your company wants to use Azure Application Insights to understand how user behaviors affect an application.

Which Application Insights tool should you use to analyze each behavior? To answer, drag the appropriate tools to the correct behaviors. Each tool 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.

Impact	 Feature usage: Number of people who used the actions and its features: The effect that the performance of the application has on the usage of a page or a feature:	
User Flows		
Users		

Answer:

Feature usage:

Number of people who used the actions and its features:

The effect that the performance of the application has on the usage of a page or a feature:

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/usage-flows>

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/usage-impact>

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/usage-troubleshoot>

NEW QUESTION: 9

You need to implement the code flow strategy for Project2 in Azure DevOps.

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

- Create a repository
- Add a build policy for the fork.
- Create a branch.
- Add a build policy for the master branch.
- Add an application access policy.
- Create a fork.

Answer:

Actions

Answer Area

- Create a repository
- Add a build policy for the fork.
- Create a branch.
- Add a build policy for the master branch.
- Add an application access policy.
- Create a fork.

- Create a repository
- Add a build policy for the master branch.
- Create a branch.

NEW QUESTION: 10

You need to execute inline testing of an Azure DevOps pipeline that uses a Docker deployment model. The solution must prevent the results from being published to the pipeline.

What should you use for the inline testing?

- A. a single stage Dockerfile
- B. an Azure Kubernetes Service (AKS) pod
- C. a multi-stage Dockerfile
- D. a Docker Compose file

Answer: C ([LEAVE A REPLY](#))

"Build and test with a multi-stage Dockerfile: build and tests execute inside the container using a multi-stage Docker file, as such test results are not published back to the pipeline."

<https://docs.microsoft.com/en-us/azure/devops/pipelines/tasks/test/publish-test-results?view=azure-devops&tabs=trx%2Cyaml>

NEW QUESTION: 11

You have an Azure subscription that contains multiple Azure pipelines.

You need to deploy a monitoring solution for the pipelines. The solution must meet the following requirements:

- * Parse logs from multiple sources
- * Identify the root cause of issues.

What advanced feature of a monitoring tool should you include in the solution?

- A. directed monitoring
- B. Alert Management
- C. synthetic monitoring
- D. analytics

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 12

You are developing a multi-tier application. The application will use Azure App Service web apps as the front end and an Azure SQL database as the back end. The application will use Azure functions to write some data to Azure Storage.

You need to send the Azure DevOps team an email message when the front end fails to return a status code of 200.

Which feature should you use?

- A. Service Map in Azure Log Analytics
- B. Profiler in Azure Application Insights
- C. availability tests in Azure Application Insights
- D. Application Map in Azure Application Insights

Answer: C ([LEAVE A REPLY](#))

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/monitor-web-app-availability>

NEW QUESTION: 13

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.

You integrate a cloud-hosted Jenkins server and a new Azure DevOps deployment. You need Azure DevOps to send a notification to Jenkins when a developer commits changes to a branch in Azure Repos.

Solution: You create a service hook subscription that uses the code pushed event.

Does this meet the goal?

A. Yes

B. NO

Answer: ([SHOW ANSWER](#))

You can create a service hook for Azure DevOps Services and TFS with Jenkins.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/service-hooks/services/jenkins>

NEW QUESTION: 14

How should you configure the release retention policy for the investment planning deployment suite? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Required secrets:

Certificate
Personal access token
Shared Access Authorization token
Username and password

Storage location:

Azure Data Lake
Azure Key Vault
Azure Storage with HTTP access
Azure Storage with HTTPS access

Answer:

The screenshot shows a configuration window with two dropdown menus. The first dropdown, labeled 'Required secrets:', has four options: 'Certificate', 'Personal access token', 'Shared Access Authorization token' (which is highlighted with a red box), and 'Username and password'. The second dropdown, labeled 'Storage location:', has four options: 'Azure Data Lake', 'Azure Key Vault', 'Azure Storage with HTTP access', and 'Azure Storage with HTTPS access' (which is also highlighted with a red box). A faint 'Microsoft' logo is visible on the left side of the window.

NEW QUESTION: 15

You have an Azure DevOps organization named Contoso and an Azure subscription. The subscription contains an Azure virtual machine scale set named VMSS1 and an Azure Standard Load Balancer named LB1. LB1 distributes incoming requests across VMSS1 instances. You use Azure DevOps to build a web app named App1 and deploy App1 to VMSS1. App1 is accessible via HTTPS only and configured to require mutual authentication by using a client certificate.

You need to recommend a solution for implementing a health check of App1. The solution must meet the following requirements:

- * Identify whether individual instances of VMSS1 are eligible for an upgrade operation.
- * Minimize administrative effort.

What should you include in the recommendation?

- A. the Custom Script Extension
- B. the Application Health extension
- C. Azure Monitor autoscale
- D. an Azure Load Balancer health probe

Answer: (SHOW ANSWER)

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/virtual-machine-scale-sets-health-extension#when-to-use-the-application-health-extension>

NEW QUESTION: 16

You use GitHub for source control.

A file that contains sensitive data is committed accidentally to the Git repository of a project.

You need to delete the file and its history from the repository.

Which two tools can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. the git filter-branch command

- B. BFG Repo-Cleaner
- C. the git rebase command
- D. GitHub Desktop

Answer: ([SHOW ANSWER](#))

To entirely remove unwanted files from a repository's history you can use either the git filter-branch command or the BFG Repo-Cleaner open source tool.

Reference:

<https://docs.github.com/en/github/authenticating-to-github/keeping-your-account-and-data-secure/removing-sensitive-data-from-a-repository>

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NEW QUESTION: 17

Your company uses Team Foundation Server 2013 (TFS 2013).

You plan to migrate to Azure DevOps.

You need to recommend a migration strategy that meets the following requirements:

Preserves the dates of Team Foundation Version Control changesets

Preserves the changes dates of work items revisions

Minimizes migration effort

Migrates all TFS artifacts

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

The screenshot shows a Microsoft exam question interface. At the top, it says "On the TFS server." followed by a dropdown menu. Below this, there are three options listed in a box: "Install the TFS Java SDK", "Upgrade TFS to the most recent RTW release.", and "Upgrade to the most recent version of PowerShell Core." Below this box, it says "To perform the migration:" followed by another dropdown menu. Below the dropdown menu, there are four options listed in a box: "Copy the assets manually.", "Use public API-based tools.", "Use the TFS Database Import Service.", and "Use the TFS Integration Platform." The interface is watermarked with "Microsoft" and "testprep.com".

Answer:

On the TFS server:

- Install the TFS Java SDK.
- Upgrade TFS to the most recent RTW release.
- Upgrade to the most recent version of PowerShell Core.

To perform the migration:

- Copy the assets manually.
- Use public API-based tools.
- Use the TFS Database Import Service.
- Use the TFS Integration Platform.

NEW QUESTION: 18

You are configuring Azure DevOps build pipelines.

You plan to use hosted build agents.

Which build agent pool should you use to compile each application type? To answer, drag the appropriate build agent pools to the correct application types. Each build agent pool 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.

Build Agent Pools	Answer Area
Hosted Windows Container	
Hosted Ubuntu 1604	
Hosted macOS	An application that runs on iOS:
Hosted	An Internet Information Services (IIS) web application that runs in Docker:
Default	

Answer:

Build Agent Pools

Answer Area

Hosted Windows Container	
Hosted Ubuntu 1604	
Hosted macOS	An application that runs on iOS:
Hosted	An Internet Information Services (IIS) web application that runs in Docker:
Default	

NEW QUESTION: 19

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.

You plan to update the Azure DevOps strategy of your company.

You need to identify the following issues as they occur during the company's development process:

- * Licensing violations
- * Prohibited libraries

Solution: You implement continuous integration.

Does this meet the goal?

A. Yes

B. No

Answer: A ([LEAVE A REPLY](#))

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://azuredevopslabs.com/labs/vstsextend/whitesource/>

NEW QUESTION: 20

You have a project in Azure DevOps named Project1. Project1 contains a pipeline that builds a container image named Image1 and pushes Image1 to an Azure container registry named ACR1. Image1 uses a base image stored in Docker Hub.

You need to ensure that Image1 is updated automatically whenever the base image is updated. What should you do?

- A. Create and run an Azure Container Registry task.
- B. Add a Docker Hub service connection to Azure Pipelines.
- C. Enable the Azure Event Grid resource provider and subscribe to registry events.
- D. Create a service hook in Project1.

Answer: A ([LEAVE A REPLY](#))

ACR Tasks supports automated container image builds when a container's base image is updated, such as when you patch the OS or application framework in one of your base images.

Reference:

<https://docs.microsoft.com/en-us/azure/container-registry/container-registry-tutorial-base-image-update>

NEW QUESTION: 21

You have a GitHub organization named org1 and an Azure tenant named Tenant1.

You need to enable single sign-on (SSO) in Azure Active Directory (Azure AD) for the users in org1.

Which URIs should you use for the SAML configuration in Azure AD? To answer, drag the appropriate URIs to the correct settings. Each URI 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.

URIs

- <https://github.com/orgs/org1>
- <https://github.com/orgs/org1/sso>
- <https://login.microsoftonline.com/tenant1>
- <https://github.com/orgs/org1/saml/consume>
- <https://login.microsoftonline.com/tenant1.com>

Answer Area

Identifier (Entity ID):

Reply URL (Assertion Consumer Service URL):

Sign on URL:

Answer:

URIs

- <https://github.com/orgs/org1>
- <https://github.com/orgs/org1/sso>
- <https://login.microsoftonline.com/tenant1>
- <https://github.com/orgs/org1/saml/consume>
- <https://login.microsoftonline.com/tenant1.com>

Answer Area

Identifier (Entity ID): <https://github.com/orgs/org1>

Reply URL (Assertion Consumer Service URL): <https://github.com/orgs/org1/saml/consume>

Sign on URL: <https://github.com/orgs/org1/sso>

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/saas-apps/github-tutorial>

NEW QUESTION: 22

You plan to use Desired State Configuration (DSC) to maintain the configuration state of virtual machines that run Windows Server.

You need to perform the following:

Install Internet Information Services (IIS) on the virtual machines.

Update the default home page of the IIS web server.

How should you configure the DSC configuration file? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
Configuration WebServerConfig {  
  Import-DscResource -ModuleName PsDesiredStateConfiguration  
  Node 'localhost' {
```

```
    WebServer {  
      Service  
      WindowsFeature  
      WindowsOptionalFeature  
      WindowsProcess  
  
      Ensure = "Present"  
      Name = "Web-Server"  
    }  
  }
```

```
    DefaultHomePage {  
      Archive  
      File  
      Package  
      Script  
  
      Ensure = 'Present'  
      SourcePath = '\\server1  
        \DSCResources\web\index.htm'  
      DestinationPath = 'c:\inetpub\wwwroot'  
    }  
  }  
}
```

Answer:

Answer Area

```
Configuration WebServerConfig {  
  Import-DscResource -ModuleName PsDesiredStateConfiguration  
  Node 'localhost' {
```



```
    Ensure = "Present"  
    Name = "Web-Server"  
  }
```



```
    Ensure = 'Present'  
    SourcePath = '\\server1  
  \DSCResources\web\index.htm'  
    DestinationPath = 'c:\inetpub\wwwroot'  
  }  
}
```

Reference:

<https://docs.microsoft.com/en-us/powershell/scripting/dsc/quickstarts/website-quickstart>

NEW QUESTION: 23

Your company develops an application named App1 that is deployed in production.

As part of an application update, a new service is being added to App1. The new service requires access to an application named App2 that is currently in development.

You need to ensure that you can deploy the update to App1 before App2 becomes available. You must be able to enable the service in App1 once App2 is deployed.

What should you do?

- A. Create a branch in the build.
- B. Implement a branch policy.

C. Create a fork in the build.

D. Implement a feature flag.

Answer: D (LEAVE A REPLY)

Reference:

<https://docs.microsoft.com/en-us/azure/devops/migrate/phase-features-with-feature-flags>

NEW QUESTION: 24

You have a GrtHub organization that contains three users named User 1. User2. and User3. You have a project that contains a repository named repo1. You need to configure permissions for repo1. The solution must meet the following requirements:

- * Ensure that User 1 can actively push to repo1.
- * Ensure that Usef2 can manage issues and pull requests for repo1.
- * Ensure that User3 can manage repo1.
- * Prevent User3 from accessing sensitive data in repo1.

Which role should you assign to each use?

Roles: Admin, Maintain, Read, Triage, Write

Answer Area:

User1: Role

User2: Role

User3: Role

Answer:

Roles: Admin, Maintain, Read, Triage, Write

Answer Area:

User1: Read

User2: Admin

User3: Maintain

NEW QUESTION: 25

You plan to share packages that you wrote, tested, validated, and deployed by using Azure Artifacts.

You need to release multiple builds of each package by using a single feed. The solution must limit the release of packages that are in development.

What should you use?

- A. global symbols
- B. local symbols
- C. upstream sources
- D. views

Answer: (SHOW ANSWER)

Views enable you to share subsets of the NuGet, npm, Maven, Python and Universal Packages package-versions in your feed with consumers. A common use for views is to share package versions that have been tested, validated, or deployed but hold back packages still under development and packages that didn't meet a quality bar.

<https://docs.microsoft.com/en-us/azure/devops/artifacts/concepts/views?view=azure-devops>

NEW QUESTION: 26

You have a private project in Azure DevOps and two users named User1 and User2.

You need to add User1 and User2 to groups to meet the following requirements:

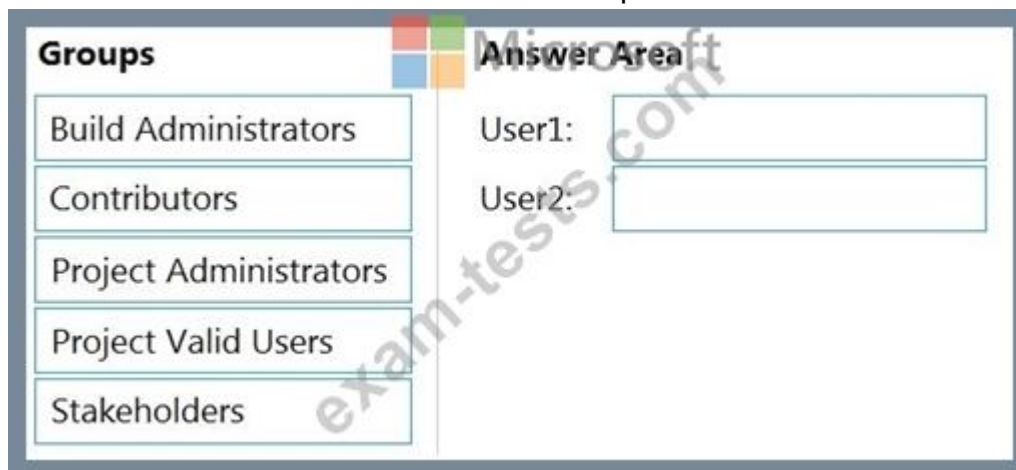
User1 must be able to create a code wiki.

User2 must be able to edit wiki pages.

The solution must use the principle of least privilege.

To which group should you add each user? To answer, drag the appropriate groups to the correct users. Each group 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.



Answer:



Reference:

<https://docs.microsoft.com/en-us/azure/devops/project/wiki/wiki-create-repo>

NEW QUESTION: 27

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 configure Azure Container Instances as a hosted environment for running containers in AKS. 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
Run <code>helm init</code> .	
Run <code>az aks install-connector</code> .	
Create a YAML file.	
Run <code>az role assignment create</code>	
Run <code>kubectl apply</code>	

Answer:

Answer Area
Create a YAML file.
Run <code>kubectl apply</code>
Run <code>helm init</code> .

- 1 - Create a YAML file.
- 2 - Run `kubectl apply`.
- 3 - Run `helm init`.

NEW QUESTION: 28

You are implementing an Azure DevOps strategy for mobile devices using App Center.

You plan to use distribution groups to control access to releases.

You need to create the distribution groups shown in the following table.

Name	Use
Group1	Application testers who are invited by email
Group2	Early release users who use unauthenticated public links
Group3	Application testers for all the apps of your company

Which type of distribution group should you use for each group? To answer, drag the appropriate group types to the correct locations. Each group type 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.

Answer Area

Private

Public

Shared

Group1:

Group2:

Group3:

Answer:

Answer Area

Private

Public

Shared

Group1:

Private

Group2:

Public

Group3:

Shared

Reference:

<https://docs.microsoft.com/en-us/appcenter/distribution/groups>

NEW QUESTION: 29

You plan to store signed images in an Azure Container Registry instance named az4009940427acr1.

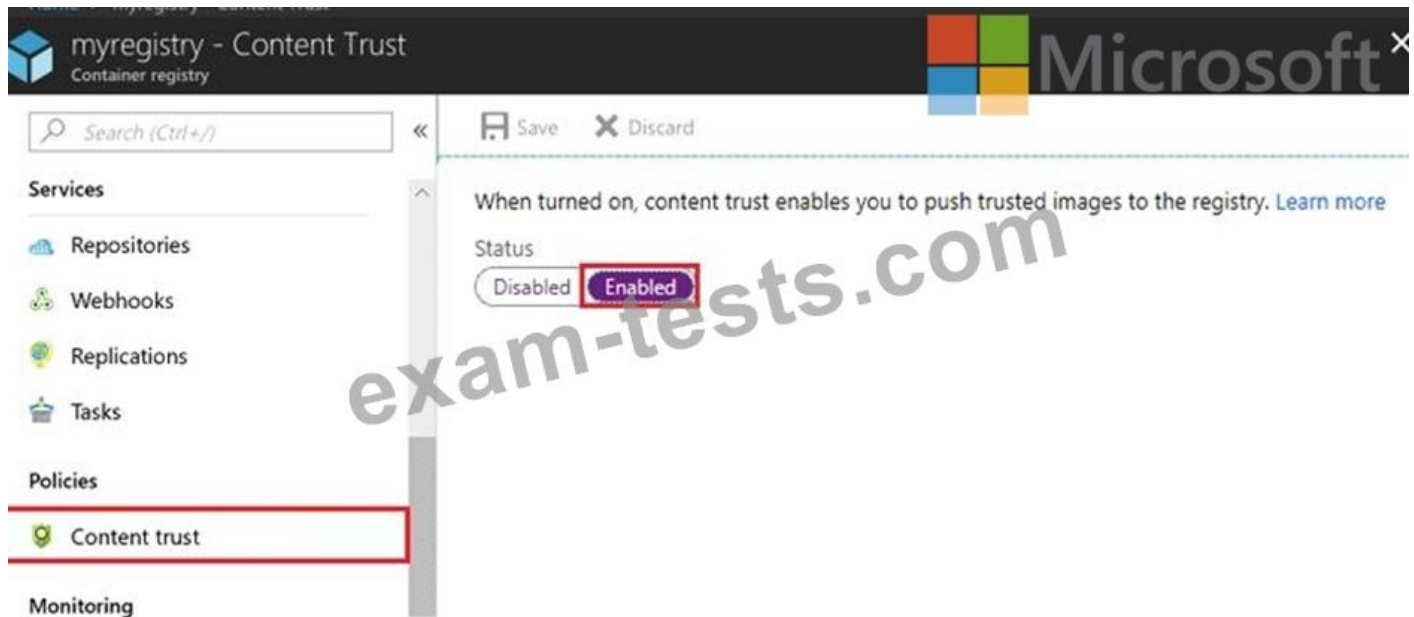
You need to modify the SKU for az4009940427acr1 to support the planned images. The solution must minimize costs.

To complete this task, sign in to the Microsoft Azure portal.

Answer:

1. Open Microsoft Azure Portal, and select the Azure Container Registry instance named az4009940427acr1.

2. Under Policies, select Content Trust > Enabled > Save.



Reference:

<https://docs.microsoft.com/en-us/azure/container-registry/container-registry-content-trust>

NEW QUESTION: 30

You have an Azure DevOps project named Project1 and an Azure subscription named Sub1. Sub1 contains an Azure virtual machine scale set named VMSS1. VMSS1 hosts a web application named WebApp1.

WebApp1 uses stateful sessions.

The WebApp1 installation is managed by using the Custom Script extension. The script resides in an Azure Storage account named sa1.

You plan to make a minor change to a UI element of WebApp1 and to gather user feedback about the change.

You need to implement limited user testing for the new version of WebApp1 on VMSS1.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Update the configuration of a virtual machine in VMSS1.
- B. Upload a custom script file to sa1.
- C. Modify the Custom Script extension settings of VMSS1.
- D. Modify the load balancer settings of VMSS1.
- E. Redeploy VMSS1.

Answer: B,C,E (LEAVE A REPLY)

NEW QUESTION: 31

You use Azure Artifacts to host NuGet packages that you create.

You need to make one of the packages available to anonymous users outside your organization.

The solution must minimize the number of publication points.

What should you do?

- A. Create a new feed for the package
- B. Publish the package to a public NuGet repository.
- C. Promote the package to a release view.
- D. Change the feed URL of the package.

Answer: A (LEAVE A REPLY)

Azure Artifacts introduces the concept of multiple feeds that you can use to organize and control access to your packages.

Packages you host in Azure Artifacts are stored in a feed. Setting permissions on the feed allows you to share your packages with as many or as few people as your scenario requires.

Feeds have four levels of access: Owners, Contributors, Collaborators, and Readers.

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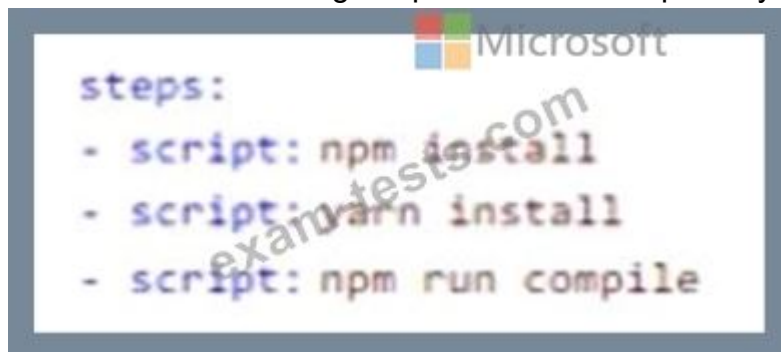
<https://www.braindumpsPASS.com/Microsoft/AZ-400-practice-exam-dumps.html> (564 Q&As

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NEW QUESTION: 32

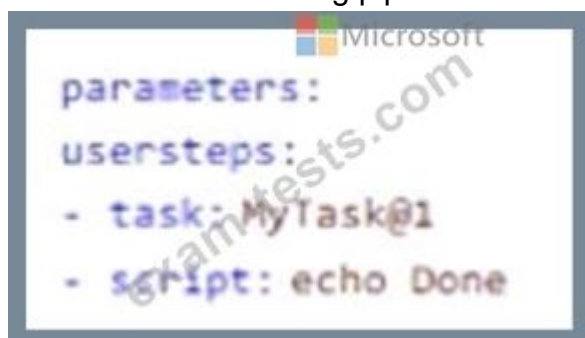
You have project in Azure DevOps.

You create the following template named Template1.yml.



```
steps:
- script: npm install
- script: yarn install
- script: npm run compile
```

You create the following pipeline named File1.yml.



```
parameters:
usersteps:
- task: MyTask@1
- script: echo Done
```

You need to ensure that Template1.yml runs before File1.yml.

How should you update File1.yml?

- A. `parameters: usersteps: extends: template: templatel.yml - task: MyTask@1 - script: echo Done`
- B. `extends: template: templatel.yml parameters: usersteps: - task: MyTask@1 - script: echo Done`
- C. `parameters: usersteps: - template: templatel.yml - task: MyTask@1 - script: echo Done`
- D. `template: templatel.yml parameters: usersteps: - task: MyTask@1 - script: echo Done`

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 33

During a code review, you discover quality issues in a Java application.

You need to recommend a solution to detect quality issues including unused variables and empty catch blocks.

What should you recommend?

- A. In an Xcode build task, select Use xcpretty from Advanced.
B. In a Maven build task, select Run PMD.
C. In a Grunt build task, select Enabled from Control Options.
D. In a Gulp build task, specify a custom condition expression.

Answer: B ([LEAVE A REPLY](#))

PMD is a source code analyzer. It finds common programming flaws like unused variables, empty catch blocks, unnecessary object creation, and so forth.

There is an Apache Maven PMD Plugin which allows you to automatically run the PMD code analysis tool on your project's source code and generate a site report with its results.

NEW QUESTION: 34

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What should you recommend?

- A. In a Maven build task, select Run PMD.
B. In an Xcode build task, select Use xcpretty from Advanced.
C. In a Grunt build task, select Enabled from Control Options.
D. In a Gulp build task, specify a custom condition expression.

Answer: A ([LEAVE A REPLY](#))

PMD is a source code analyzer. It finds common programming flaws like unused variables, empty catch blocks, unnecessary object creation, and so forth.

There is an Apache Maven PMD Plugin which allows you to automatically run the PMD code analysis tool on your project's source code and generate a site report with its results.

NEW QUESTION: 35

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.

You need to recommend an integration strategy for the build process of a Java application. The solution must meet the following requirements:

The build must access an on-premises dependency management system.

The build outputs must be stored as Server artifacts in Azure DevOps.

The source code must be stored in a Git repository in Azure DevOps.

Solution: Configure the build pipeline to use a Microsoft-hosted agent pool running the Windows Server 2019 with Visual Studio 2019 image. Include the Java Tool Installer task in the build pipeline.

Does this meet the goal?

A. Yes

B. No

Answer: A (LEAVE A REPLY)

To build and deploy Windows, Azure, and other Visual Studio solutions you'll need at least one Windows agent. Windows agents can also build Java and Android apps.

The Azure Pipelines agent pool offers several virtual machine images to choose from, each including a broad range of tools and software. One such image is Windows Server 2019 with Visual Studio 2019.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/v2-windows?view=azure-devops>

<https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/hosted?view=azure-devops&tabs=yaml>

NEW QUESTION: 36

You use GitHub for source control of .NET applications.

You need to deploy a documentation solution that meets the following requirements:

Documents will be written in Markdown as developers make code changes

Changes to the documents will trigger the recompilation of a static website.

Users will access the documents from the static websites

Documents will be stored in a GitHub repository

Which two tools can you use to compile the website? Each correct answer presents a complete solution.

- A. Jekyll
- B. Medium
- C. caret
- D. WordPress
- E. DocFX

Answer: ([SHOW ANSWER](#))

<https://blog.markvincze.com/build-and-publish-documentation-and-api-reference-with-docfx-for-net-core-projects/>

<https://github.com/dotnet/docfx>

DocFX makes it extremely easy to generate your developer hub with a landing page, API reference, and conceptual documentation, from a variety of sources

<https://themefisher.com/jekyll-documentation-themes>

DOX - Best Jekyll Documentation Theme

Dox is a blazing fast and feature-rich Jekyll documentation theme that is specially crafted for project documentation. You have the flexibility to use this awesome documentation theme with both GitHub and GitLab pages along with standalone projects

NEW QUESTION: 37

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.

You plan to update the Azure DevOps strategy of your company.

You need to identify the following issues as they occur during the company's development process:

Licensing violations

Prohibited libraries

Solution: You implement continuous deployment.

Does this meet the goal?

- A. Yes
- B. No

Answer: B ([LEAVE A REPLY](#))

Instead implement continuous integration.

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.

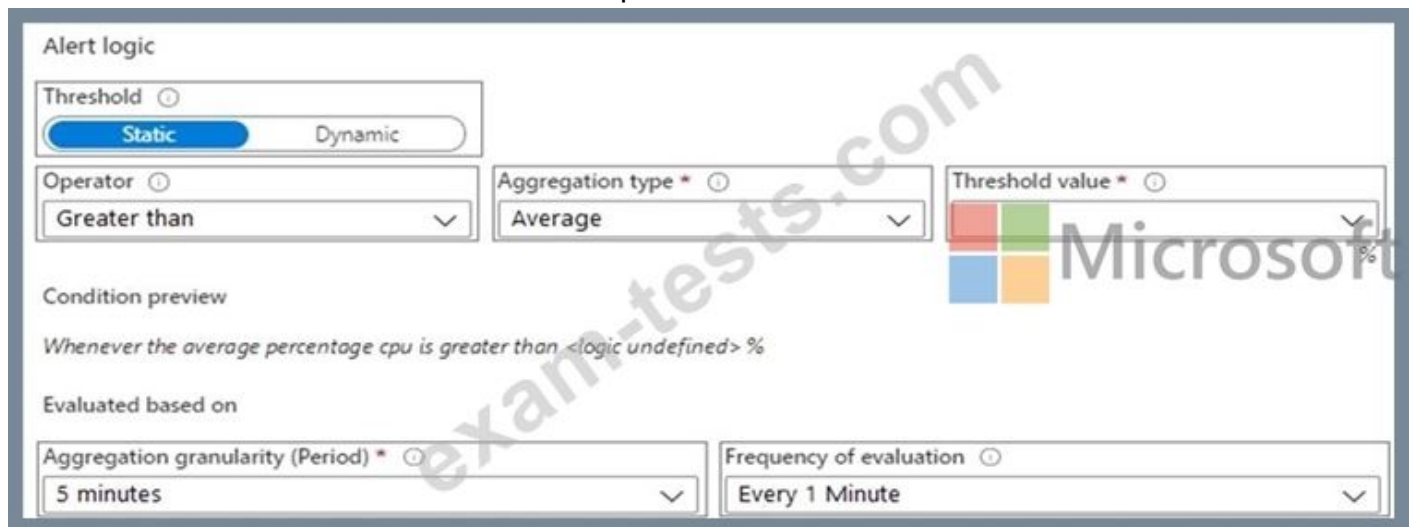
Reference:

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

NEW QUESTION: 38

You need to configure the alert for VM1. The solution must meet the technical requirements. Which two settings should you configure? To answer, select the appropriate settings in the answer area.

NOTE: Each correct selection is worth one point.



Alert logic

Threshold ⓘ

Static Dynamic

Operator ⓘ

Greater than ▼

Aggregation type * ⓘ

Average ▼

Threshold value * ⓘ

Condition preview

Whenever the average percentage cpu is greater than <logic undefined> %

Evaluated based on

Aggregation granularity (Period) * ⓘ

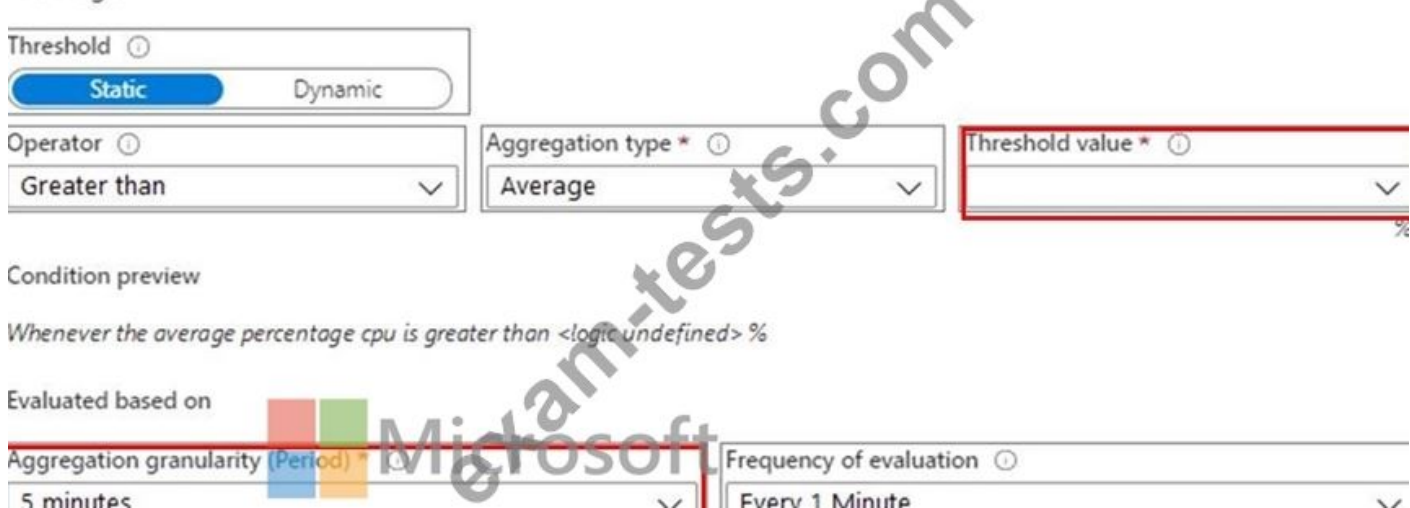
5 minutes ▼

Frequency of evaluation ⓘ

Every 1 Minute ▼

Answer:

Alert logic



Alert logic

Threshold ⓘ

Static Dynamic

Operator ⓘ

Greater than ▼

Aggregation type * ⓘ

Average ▼

Threshold value * ⓘ

Condition preview

Whenever the average percentage cpu is greater than <logic undefined> %

Evaluated based on

Aggregation granularity (Period) * ⓘ

5 minutes ▼

Frequency of evaluation ⓘ

Every 1 Minute ▼

NEW QUESTION: 39

You have a project Azure DevOps.

You plan to create a build pipeline that will deploy resources by using Azure Resource Manager templates. The templates will reference secrets stored in Azure Key Vault.

You need to ensure that you can dynamically generate the resource ID of the key vault during template deployment.

What should you include in the template? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
"resources": [
{
  "apiversion": "2018-05-01",
  "name" : "secrets",
  "type": 

|                                         |
|-----------------------------------------|
| ▼                                       |
| "Microsoft.KeyVault/vaults",            |
| "Microsoft.Resources/deployment".       |
| "Microsoft.Subscription/subscriptions". |


  "properties": {
    "mode" : "Incremental",
    

|                |
|----------------|
| ▼              |
| "deployment"   |
| "template"     |
| "templateLink" |

 : {
```



```
contentVersion" : "1.0.0.0",
  "uri" : "[uri(parameters('_artifactsLocation'),
concat('./nested/sqlserver.json',
parameters('_artifactsLocationSasToken')))]"
},
"parameters": {
  "secret": {
    "reference": {
      "keyVault": {
        "id": "[resourceId(parameters('vaultSubscription'),
parameters('vaultResourceGroupName'),
'Microsoft.KeyVault/vaults',
parameters('vaultName'))]"
      },
      "secretName": "[parameters('secretName')]"
    }
  }
}
},
],
```

Answer:

```

"resources": [
{
  "apiversion": "2018-05-01",
  "name" : "secrets",
  "type": [
    "Microsoft.KeyVault/vaults",
    "Microsoft.Resources/deployment",
    "Microsoft.Subscription/subscriptions"
  ],
  "properties": {
    "mode" : "Incremental",
    "templateLink": {
      "deployment": "template",
      "templateLink": "templateLink"
    }
  },
  "contentVersion" : "1.0.0.0",
  "uri" : "[uri(parameters('_artifactsLocation'),
concat('./nested/sqlserver.json',
parameters('_artifactsLocationSasToken')))]",
},
"parameters": {
  "secret": {
    "reference": {
      "keyVault": {
        "id": "[resourceId(parameters('vaultSubscription'),
parameters('vaultResourceGroupName'),
'Microsoft.KeyVault/vaults',
parameters('vaultName'))]"
      },
      "secretName": "[parameters('secretName')]"
    }
  }
}
],

```



NEW QUESTION: 40

You have an Azure DevOps project named Project1 and an Azure subscription named Sub1. You need to prevent releases from being deployed unless the releases comply with the Azure Policy rules assigned to Sub1.

What should you do in the release pipeline of Project1?

- A. Create a pipeline variable.
- B. Add a deployment gate.
- C. Configure a deployment trigger.
- D. Modify the Deployment queue settings.

Answer: B (LEAVE A REPLY)

You can check policy compliance with gates.

You can extend the approval process for the release by adding a gate. Gates allow you to configure automated calls to external services, where the results are used to approve or reject a deployment.

You can use gates to ensure that the release meets a wide range of criteria, without requiring user intervention.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/release/deploy-using-approvals>

NEW QUESTION: 41

You are developing an iOS application by using Azure DevOps.

You need to test the application manually on 10 devices without releasing the application to the public.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create a Microsoft Intune device compliance policy.
- B. Deploy a certificate from an internal certification authority (CA) to each device.
- C. Register the application in the iTunes store.
- D. Onboard the devices into Microsoft Intune.
- E. Distribute a new release of the application.
- F. Register the IDs of the devices in the Apple Developer portal.

Answer: B,F (LEAVE A REPLY)

Reference:

<https://docs.microsoft.com/en-us/appcenter/distribution/auto-provisioning>

NEW QUESTION: 42

You need to configure Azure Pipelines to control App2 builds.

Which authentication method should you use?

- A. Windows NTLM
- B. certificate
- C. SAML
- D. personal access token (PAT)

Answer: D (LEAVE A REPLY)

Scenario: Deploy App2 to an Azure virtual machine named VM1.

A personal access token (PAT) is used as an alternate password to authenticate into Azure DevOps.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/organizations/accounts/use-personal-access-tokens-to-authenticate>

NEW QUESTION: 43

You are building a Microsoft ASP.NET application that requires authentication. You need to authenticate users by using Azure Active Directory (Azure AD). What should you do first?

- A. Create a membership database in an Azure SQL database.
- B. Assign an enterprise application to users and groups.
- C. Create an app registration in Azure AD.
- D. Configure the application to use a SAML endpoint.
- E. Create a new OAuth token from the application.

Answer: ([SHOW ANSWER](#))

Register your application to use Azure Active Directory. Registering the application means that your developers can use Azure AD to authenticate users and request access to user resources such as email, calendar, and documents.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/manage-apps/developer-guidance-for-integrating-applications>

<https://docs.microsoft.com/en-us/azure/active-directory/develop/quickstart-v2-aspnet-webapp>

NEW QUESTION: 44

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.

You have an Azure DevOps organization named Contoso and an Azure subscription. The subscription contains an Azure virtual machine scale set named VMSS1 that is configured for autoscaling.

You have a project in Azure DevOps named Project1. Project1 is used to build a web app named App1 and deploy App1 to VMSS1.

You need to ensure that an email alert is generated whenever VMSS1 scales in or out.

Solution: From Azure Monitor, create an action group.

Does this meet the goal?

- A. Yes
- B. No

Answer: ([SHOW ANSWER](#))

An action group is a collection of notification preferences defined by the owner of an Azure subscription. Azure Monitor, Service Health and Azure Advisor alerts use action groups to notify users that an alert has been triggered.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/alerts/action-groups>

NEW QUESTION: 45

You have an Azure Repos repository that contains large PSD files. You need to configure Git LFS to manage all the files.

How should you complete the script? To answer, drag the appropriate access levels to the correct groups. Each access level 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.

Answer:

NEW QUESTION: 46

You have an Azure DevOps release pipeline as shown in the following exhibit.

You need to complete the pipeline to configure OWASP ZAP for security testing.

Which five Azure CLI tasks should you add in sequence? To answer, move the tasks from the list of tasks to the answer area and arrange them in the correct order.

Tasks

- Build machine image
- Convert Report Format
- Download the file
- Publish Test Results
- Docker CLI installer
- Destroy OWASP Container
- Call the Baseline Scan

Answer Area

Answer:

Answer Area

- Call the Baseline Scan
- Download the file
- Convert Report Format
- Publish Test Results
- Destory OWASP Container

- 1 - Call the Baseline Scan
- 2 - Download the file
- 3 - Convert Report Format
- 4 - Publish Test Results
- 5 - Destory OWASP Container

Reference:

<https://devblogs.microsoft.com/premier-developer/azure-devops-pipelines-leveraging-owasp-zap-in-the-release-pipeline/>

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<https://www.braindumpsPASS.com/Microsoft/AZ-400-practice-exam-dumps.html> (564 Q&As

Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 47

You have the following Azure policy.

```
if: {
  allof: [
    {
      "field": "type",
      "equals": "Microsoft.Storage/storageAccounts"
    },
    {
      "field": "Microsoft.Storage/storageAccounts/supportsHttpsTrafficOnly",
      "notEquals": "true"
    }
  ]
},
then: {
  effect: "deny"
}
```



You assign the policy to the Tenant root group.

What is the effect of the policy?

- A. prevents all http traffic to existing Azure Storage accounts
- B. ensures that all traffic to new Azure Storage accounts is encrypted
- C. prevents HTTPS traffic to new Azure Storage accounts when the accounts are accessed over the Internet
- D. ensures that all data for new Azure Storage accounts is encrypted at rest

Answer: B ([LEAVE A REPLY](#))

Denies non HTTPS traffic.

NEW QUESTION: 48

Your company has a project in Azure DevOps named Project1.

All the developers at the company have Windows 10 devices.

You need to create a Git repository for Project1. The solution must meet the following requirements:

- * Support large binary files.
- * Store binary files outside of the repository.
- * Use a standard Git workflow to maintain the metadata of the binary files by using commits to the repository.



Answer:

Answer Area

Perform a custom installation of Git for Windows that includes Git Large File Storage (LFS).

Configure SSH key-based authentication.

Configure Git Large File Storage (LFS) file tracking.

- 1 - Perform a custom installation of Git for Windows that includes Git Large File Storage (LFS).
- 2 - Configure SSH key-based authentication.
- 3 - Configure Git Large File Storage (LFS) file tracking.

NEW QUESTION: 49

You are designing the security validation strategy for a project in Azure DevOps.

You need to identify package dependencies that have known security issues and can be resolved by an update.

What should you use?

- A. Octopus Deploy
- B. Jenkins
- C. Gradle
- D. SonarQube

Answer: D (LEAVE A REPLY)

With enterprise level of SonarQube you can use OWASP that runs the security scans for known vulnerabilities. <https://www.sonarqube.org/features/security/>

[https://www.sonarqube.org/features/security/owasp/?gclid=Cj0KCQiAzZL-](https://www.sonarqube.org/features/security/owasp/?gclid=Cj0KCQiAzZL-BRDnARIsAPCJs70Teq0-efl2Hd_h-kykCB7I_C7L88Q7kpiuTzuD6Xw1jUb6ZqIP7O0aApVzEALw_wcB)

[BRDnARIsAPCJs70Teq0-efl2Hd_h-](https://www.sonarqube.org/features/security/owasp/?gclid=Cj0KCQiAzZL-BRDnARIsAPCJs70Teq0-efl2Hd_h-kykCB7I_C7L88Q7kpiuTzuD6Xw1jUb6ZqIP7O0aApVzEALw_wcB)

[kykCB7I_C7L88Q7kpiuTzuD6Xw1jUb6ZqIP7O0aApVzEALw_wcB](https://www.sonarqube.org/features/security/owasp/?gclid=Cj0KCQiAzZL-BRDnARIsAPCJs70Teq0-efl2Hd_h-kykCB7I_C7L88Q7kpiuTzuD6Xw1jUb6ZqIP7O0aApVzEALw_wcB)

NEW QUESTION: 50

Your company creates a web application.

You need to recommend a solution that automatically sends to Microsoft Teams a daily summary of the exceptions that occur in the application.

Which two Azure services should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Azure Logic Apps
- B. Azure Pipelines

C. Microsoft Visual Studio App Center

D. Azure DevOps Project

E. Azure Application Insights

Answer: ([SHOW ANSWER](#))

E: Exceptions in your live web app are reported by Application Insights.

Note: Periodical reports help keep a team informed on how their business critical services are doing. Developers, DevOps/SRE teams, and their managers can be productive with automated reports reliably delivering insights without requiring everyone to sign in the portal. Such reports can also help identify gradual increases in latencies, load or failure rates that may not trigger any alert rules.

A: You can programmatically query Application Insights data to generate custom reports on a schedule. The following options can help you get started quickly:

Automate reports with Microsoft Flow

Automate reports with Logic Apps

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/asp-net-exceptions>

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/automate-custom-reports>

NEW QUESTION: 51

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.

Your company uses Azure DevOps to manage the build and release processes for applications. You use a Git repository for applications source control.

You need to implement a pull request strategy that reduces the history volume in the master branch.

Solution: You implement a pull request strategy that uses fast-forward merges.

Does this meet the goal?

A. Yes

B. No

Answer: B ([LEAVE A REPLY](#))

No fast-forward merge - This option merges the commit history of the source branch when the pull request closes and creates a merge commit in the target branch.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/git/branch-policies>

NEW QUESTION: 52

Your company uses Azure DevOps.

Only users who have accounts in Azure Active Directory can access the Azure DevOps environment.

You need to ensure that only devices that are connected to the on-premises network can access the Azure DevOps environment.

What should you do?

- A. Assign the Stakeholder access level to all users.
- B. In Azure Active Directory, configure risky sign-ins.
- C. In Azure DevOps, configure Security in Project Settings.
- D. In Azure Active Directory, configure conditional access.

Answer: D (LEAVE A REPLY)

Conditional Access is a capability of Azure Active Directory. With Conditional Access, you can implement automated access control decisions for accessing your cloud apps that are based on conditions.

Conditional Access policies are enforced after the first-factor authentication has been completed.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/overview>

NEW QUESTION: 53

You are creating a NuGet package.

You plan to distribute the package to your development team privately.

You need to share the package and test that the package can be consumed.

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
Create a new Azure Artifacts feed.	
Configure a self-hosted agent.	
Publish a package.	
Install a package.	
Connect to an Azure Artifacts feed.	

exam-tests.com

Microsoft

Answer:

Answer Area
Configure a self-hosted agent.
Create a new Azure Artifacts feed
Publish the package.
Connect to an Azure Artifacts feed.

- 1 - Configure a self-hosted agent.
- 2 - Create a new Azure Artifacts feed
- 3 - Publish the package.
- 4 - Connect to an Azure Artifacts feed.

Reference:

<https://medium.com/@dan.cokely/creating-nuget-packages-in-azure-devops-with-azure-pipelines-and-yaml-d6fa30f0f15e>

NEW QUESTION: 54

You are building an ASP.NET Core application.

You plan to create an application utilization baseline by capturing telemetry data.

You need to add code to the application to capture the telemetry data.

a. The solution must minimize the costs of storing the telemetry data.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A.** Add the `<InitialSamplingPercentage>99</InitialSamplingPercentage>` parameter to the `ApplicationInsights.config` file.
- B.** From the code of the application, enable adaptive sampling.
- C.** From the code of the application, add Azure Application Insights telemetry.
- D.** Add the `<MaxTelemetryItemsPerSecond>5</MaxTelemetryItemsPerSecond>` parameter to the `ApplicationInsights.config` file.
- E.** From the code of the application, disable adaptive sampling.

Answer: C,E (LEAVE A REPLY)

"Fixed-rate sampling reduces the volume of telemetry sent from both your ASP.NET or ASP.NET Core or Java server and from your users' browsers. You set the rate. The client and server will synchronize their sampling so that, in Search, you can navigate between related page views and requests." <https://docs.microsoft.com/en-us/azure/azure-monitor/app/sampling>

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/asp-net-core>

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/sampling#configuring-adaptive-sampling-for-aspnet-core-applications>

NEW QUESTION: 55

You have a project in Azure DevOps named Project1 that has a release pipeline in Azure Pipeline named ReleaseP1.

you need to ensure that when a new release is generated for ReleaseP1, a new release note document is created. The release notes must contain new features and bug fixes.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the Most of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct You will receive credit for any of the correct orders you select



Answer:



NEW QUESTION: 56

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.

You manage a project in Azure DevOps.

You need to prevent the configuration of the project from changing over time.

Solution: Perform a Subscription Health scan when packages are created.

Does this meet the goal?

A. Yes

B. No

Answer: B (LEAVE A REPLY)

Instead implement Continuous Assurance for the project.

Note: The Subscription Security health check features in AzSK contains a set of scripts that examines a subscription and flags off security issues, misconfigurations or obsolete artifacts/settings which can put your subscription at higher risk.

Reference:

<https://azsk.azurewebsites.net/04-Continous-Assurance/Readme.html>

NEW QUESTION: 57

You are designing a build pipeline in Azure Pipelines.

The pipeline requires a self-hosted agent. The build pipeline will run once daily and will take 30 minutes to complete.

You need to recommend a compute type for the agent. The solution must minimize costs.

What should you recommend?

- A. Azure virtual machines
- B. an Azure virtual machine scale set
- C. an Azure Kubernetes Service (AKS) cluster
- D. Azure Container Instances

Answer: ([SHOW ANSWER](#))

<https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/agents?view=azure-devops&tabs=browser#faq>

NEW QUESTION: 58

You are automating the build process for a Java-based application by using Azure DevOps.

You need to add code coverage testing and publish the outcomes to the pipeline.

What should you use?

- A. Coverage.py
- B. Bullseye Coverage
- C. Cobertura
- D. JUnit

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 59

You manage build and release pipelines by using Azure DevOps. Your entire managed environment resides in Azure.

You need to configure a service endpoint for accessing Azure Key Vault secrets. The solution must meet the following requirements:

Ensure that the secrets are retrieved by Azure DevOps.

Avoid persisting credentials and tokens in Azure DevOps.

How should you configure the service endpoint? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Service connection type:	▼ Azure Resource Manager Generic service Team Foundation Server / Azure Pipelines service connection
Authentication/authorization method for the connection:	▼ Azure Active Directory OAuth 2.0 Grant authorization Managed Service Identity Authentication

Answer:

Service connection type:	▼ Azure Resource Manager Generic service Team Foundation Server / Azure Pipelines service connection
Authentication/authorization method for the connection:	▼ Azure Active Directory OAuth 2.0 Grant authorization Managed Service Identity Authentication

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/tasks/deploy/azure-key-vault>

<https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview>

NEW QUESTION: 60

You plan to use Terraform to deploy an Azure resource group.

You need to install the required frameworks to support the planned deployment.

Which two frameworks should you install? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Vault
- B. Terratest
- C. Node.js
- D. Yeoman
- E. Tiller

Answer: B,D (LEAVE A REPLY)

You can use the combination of Terraform and Yeoman. Terraform is a tool for creating infrastructure on Azure. Yeoman makes it easy to create Terraform modules.

Terratest provides a collection of helper functions and patterns for common infrastructure testing tasks, like making HTTP requests and using SSH to access a specific virtual machine. The following list describes some of the major advantages of using Terratest:

- * Convenient helpers to check infrastructure - This feature is useful when you want to verify your real infrastructure in the real environment.
- * Organized folder structure - Your test cases are organized clearly and follow the standard Terraform module folder structure.
- * Test cases are written in Go - Many developers who use Terraform are Go developers. If you're a Go developer, you don't have to learn another programming language to use Terratest.
- * Extensible infrastructure - You can extend additional functions on top of Terratest, including Azure-specific features.

Reference:

<https://docs.microsoft.com/en-us/azure/developer/terraform/create-base-template-using-yeoman>

<https://docs.microsoft.com/en-us/azure/developer/terraform/test-modules-using-terratest>

NEW QUESTION: 61

You have a Microsoft ASP.NET Core web app in Azure that is accessed worldwide.

You need to run a URL ping test once every five minutes and create an alert when the web app is unavailable from specific Azure regions. The solution must minimize development time.

What should you do?

- A. Create an Azure Monitor Availability metric and alert.
- B. Create an Azure Application Insights availability test and alert.
- C. Write an Azure function and deploy the function to the specific regions.
- D. Create an Azure Service Health alert for the specific regions.

Answer: (SHOW ANSWER)

There are three types of Application Insights availability tests:

URL ping test: a simple test that you can create in the Azure portal.

Multi-step web test

Custom Track Availability Tests

Note: After you've deployed your web app/website, you can set up recurring tests to monitor availability and responsiveness. Azure Application Insights sends web requests to your application at regular intervals from points around the world. It can alert you if your application isn't responding, or if it responds too slowly.

You can set up availability tests for any HTTP or HTTPS endpoint that is accessible from the public internet. You don't have to make any changes to the website you're testing. In fact, it doesn't even have to be a site you own. You can test the availability of a REST API that your service depends on.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/monitor-web-app-availability#create-a-url-ping-test>

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<https://www.braindumpsPASS.com/Microsoft/AZ-400-practice-exam-dumps.html> (564 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 62

You need to configure a cloud service to store the secrets required by the mobile applications to call the share.

What should you include in the solution? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Required secrets:

Certificate
Personal access token
Shared Access Authorization token
Username and password

Storage location:

Azure Data Lake
Azure Key Vault
Azure Storage with HTTP access
Azure Storage with HTTPS access

Answer:

Microsoft

Required secrets:

Certificate
Personal access token
Shared Access Authorization token
Username and password

Storage location:

Azure Data Lake
Azure Key Vault
Azure Storage with HTTP access
Azure Storage with HTTPS access

NEW QUESTION: 63

Your company uses a Git repository in Azure Repos to manage the source code of a web application. The master branch is protected from direct updates. Developers work on new features in the topic branches.

Because of the high volume of requested features, it is difficult to follow the history of the changes to the master branch.

You need to enforce a pull request merge strategy. The strategy must meet the following requirements:

- * Consolidate commit histories
- * Merge tie changes into a single commit

Which merge strategy should you use in the branch policy?

- A. Git fetch
- B. no-fast-forward merge
- C. squash merge
- D. fast-forward merge

Answer: C (LEAVE A REPLY)

Squash merging is a merge option that allows you to condense the Git history of topic branches when you complete a pull request. Instead of each commit on the topic branch being added to the history of the default branch, a squash merge takes all the file changes and adds them to a single new commit on the default branch.

A simple way to think about this is that squash merge gives you just the file changes, and a regular merge gives you the file changes and the commit history.

Note: Squash merging keeps your default branch histories clean and easy to follow without demanding any workflow changes on your team. Contributors to the topic branch work how they want in the topic branch, and the default branches keep a linear history through the use of squash merges. The commit history of a master branch updated with squash merges will have one commit for each merged branch. You can step through this history commit by commit to find out exactly when work was done.

NEW QUESTION: 64

You use Azure Pipelines to manage project builds and deployments.

You plan to use Azure Pipelines for Microsoft Teams to notify the legal team when a new build is ready for release. You need to configure the Organization Settings in Azure DevOps to support Azure Pipelines for Microsoft Teams. What should you turn on?

- A. Azure Active Directory Conditional Access Policy Validation
- B. Alternate authentication credentials
- C. Third-party application access via OAuth
- D. SSH authentication

Answer: C (LEAVE A REPLY)

The Azure Pipelines app uses the OAuth authentication protocol, and requires Third-party application access via OAuth for the organization to be enabled. To enable this setting, navigate

to Organization Settings > Security > Policies, and set the Third-party application access via OAuth for the organization setting to On.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/integrations/microsoft-teams>

NEW QUESTION: 65

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 process 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.

Processes	Answer Area
Agile	Litware
CMMI	Contoso:
Scrum	A. Datum:
XP	

Answer:

Processes

Agile

CMMI

Scrum

XP

Answer Area

Litware

Contoso:

A. Datum:

Scrum

Agile

CMMI

Microsoft

Reference:

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

NEW QUESTION: 66

Your company is creating a suite of three mobile applications.

You need to control access to the application builds. The solution must be managed at the organization level. What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Groups to control the build access:

Active Directory groups

Azure Active Directory groups

Microsoft Visual Studio App Center distribution groups

Group type:

Private

Public

Shared

Microsoft

Answer:

Groups to control the build access:

- Active Directory groups
- Azure Active Directory groups
- Microsoft Visual Studio App Center distribution groups

Group type:

- Private
- Public
- Shared

NEW QUESTION: 67

You have an Azure subscription that contains the resources shown in the following table.

Name	Type
Feed1	Azure Artifacts feed
Project1	Project in Azure DevOps

Project1 produces npm packages that are published to Feed 1. Feed1 is consumed by multiple projects.

You need to ensure that only tested packages are available for consumption. The solution must minimize development effort.

What should you do?

- A. Create a feed view named release and set @release as the default view. After the npm packages test successfully, configure a release pipeline that promotes a package to the @release View.
- B. Create a feed view named @release and set @release as the default view. After the npm packages test successfully, configure a release pipeline that tags the packages as release.
- C. Create a feed view named @default. After the npm packages test successfully, configure a release pipeline that promotes a package to the @default view.
- D. Create a feed view named @default. After the npm packages test successfully. configure a release pipeline that tags the packages as release.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 68

You manage a website that uses an Azure SQL Database named db1 in a resource group named RG1lod11566895.

You need to modify the SQL database to protect against SQL injection.

To complete this task, sign in to the Microsoft Azure portal.

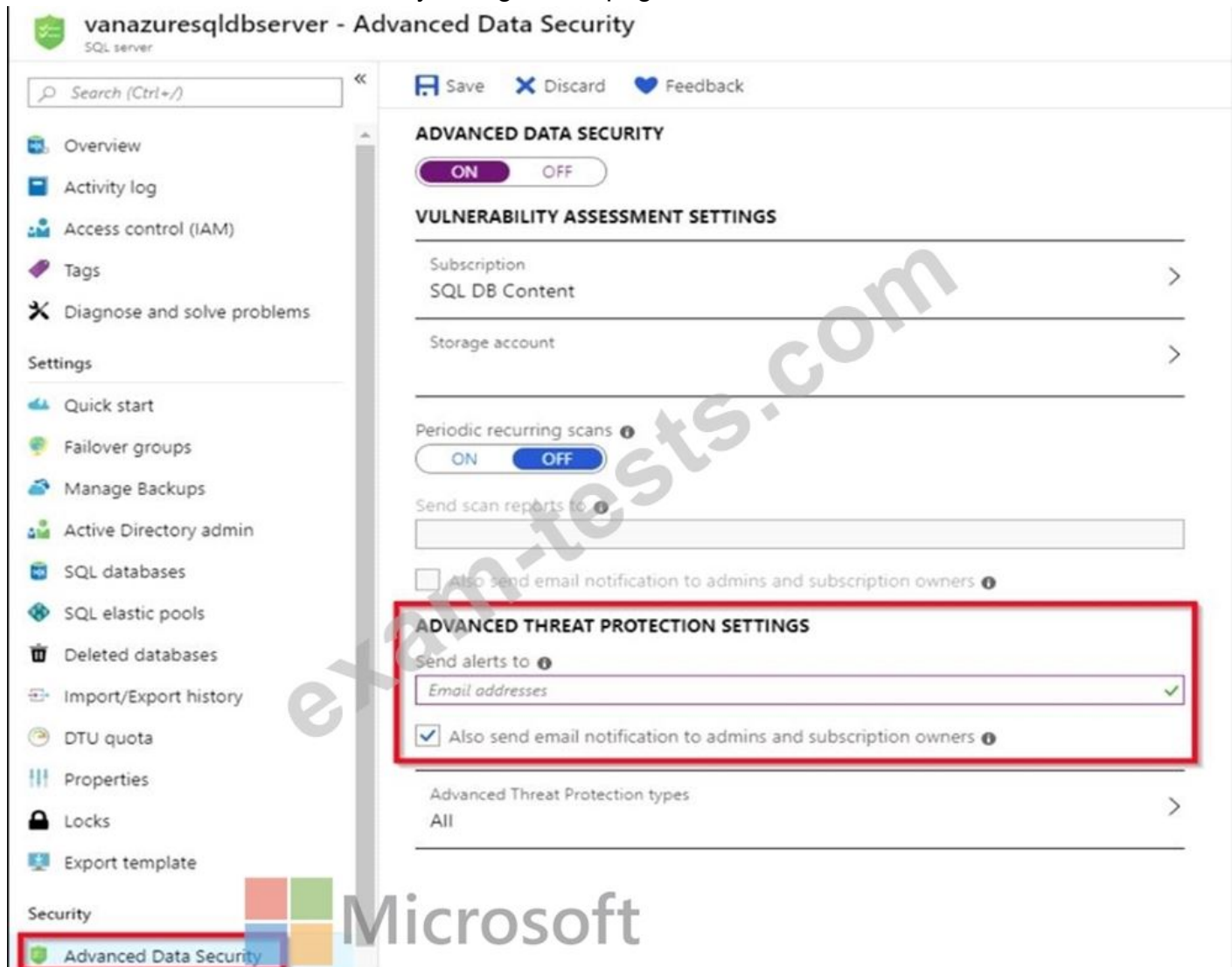
Answer:

Set up Advanced Threat Protection in the Azure portal

1. Sign into the Azure portal.

2. Navigate to the configuration page of the server you want to protect. In the security settings, select Advanced Data Security.

3. On the Advanced Data Security configuration page:



4. Enable Advanced Data Security on the server.

Note: Advanced Threat Protection for Azure SQL Database detects anomalous activities indicating unusual and potentially harmful attempts to access or exploit databases. Advanced Threat Protection can identify Potential SQL injection, Access from unusual location or data center, Access from unfamiliar principal or potentially harmful application, and Brute force SQL credentials Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-create>

<https://docs.microsoft.com/en-us/azure/azure-sql/database/threat-detection-configure>

NEW QUESTION: 69

Your company develops an app for OS. All users of the app have devices that are members of a private distribution group in Microsoft Visual Studio App Center.

You plan to distribute a new release of the app.

You need to identify which certificate file you require to distribute the new release from App Center.

Which file type should you upload to App Center?

- A. .cer
- B. .pvk
- C. .pfx
- D. .p12

Answer: D ([LEAVE A REPLY](#))

A successful IOS device build will produce an ipa file. In order to install the build on a device, it needs to be signed with a valid provisioning profile and certificate. To sign the builds produced from a branch, enable code signing in the configuration pane and upload a provisioning profile (.mobileprovision) and a valid certificate (.p12), along with the password for the certificate.

Reference:

<https://docs.microsoft.com/en-us/appcenter/build/xamarin/ios/>

NEW QUESTION: 70

You need to create and configure an Azure Storage account named az400lod11566895stor in a resource group named RG1lod11566895 to store the boot diagnostics for a virtual machine named VM1.

To complete this task, sign in to the Microsoft Azure portal.

Answer:

Step 1: To create a general-purpose v2 storage account in the Azure portal, follow these steps:

On the Azure portal menu, select All services. In the list of resources, type Storage Accounts. As you begin typing, the list filters based on your input. Select Storage Accounts.

On the Storage Accounts window that appears, choose Add.

Select the subscription in which to create the storage account.

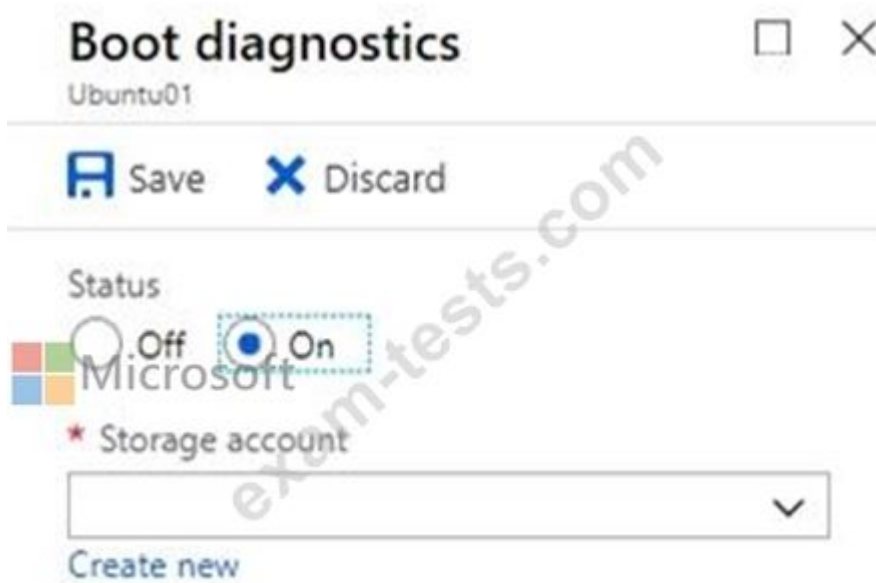
Under the Resource group field, select RG1lod11566895

Next, enter a name for your storage account named: az400lod11566895stor Select Create.

Step 2: Enable boot diagnostics on existing virtual machine

To enable Boot diagnostics on an existing virtual machine, follow these steps:

1. Sign in to the Azure portal, and then select the virtual machine VM1.
2. In the Support + troubleshooting section, select Boot diagnostics, then select the Settings tab.
3. In Boot diagnostics settings, change the status to On, and from the Storage account drop-down list, select the storage account az400lod11566895stor.
4. Save the change.



You must restart the virtual machine for the change to take effect.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-create>

<https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/boot-diagnostics>

NEW QUESTION: 71

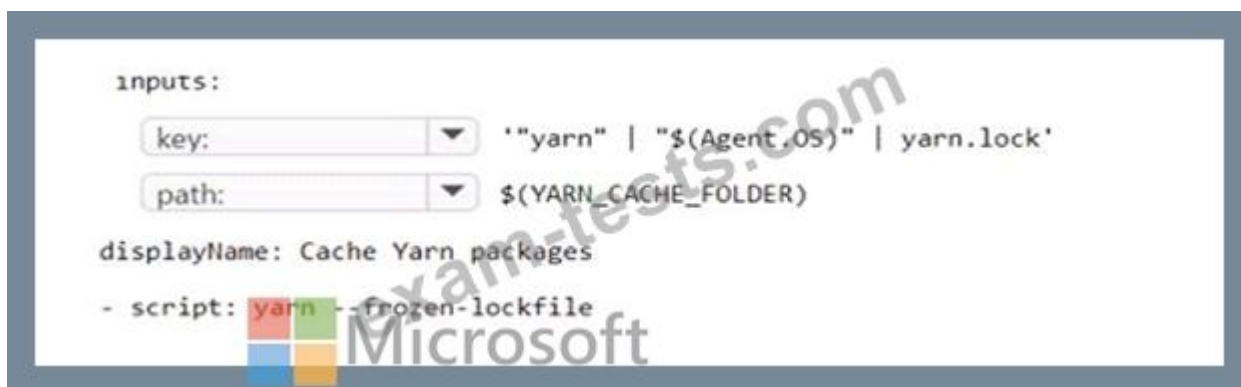
You have an Azure subscription that contains Azure DevOps build pipelines.

You to implement pipeline caching by using the cache task

HOW should you complete the YAML definition? TO answer, select the appropriate options in the answer are a.

Answer:

Answer is as below.



NEW QUESTION: 72

Where should the build and release agents for the investment planning application suite run? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Build agent: 

- A hosted service
- A source control system
- The developers' computers

Release agent: 

- A hosted service
- A source control system
- The developers' computers



Answer:

Build agent: 

- A hosted service
- A source control system
- The developers' computers

Release agent: 

- A hosted service
- A source control system
- The developers' computers



Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/v2-osx?view=azure-devops>

NEW QUESTION: 73

You are monitoring the health and performance of an Azure web app by using Azure Application Insights. You need to ensure that an alert is sent when the web app has a sudden rise in performance issues and failures. What should you use?

- A. Application Insights Profiler
- B. Continuous export
- C. Smart Detection
- D. custom events
- E. usage analysis

Answer: C ([LEAVE A REPLY](#))

Smart Detection automatically warns you of potential performance problems and failure anomalies in your web application. It performs proactive analysis of the telemetry that your app sends to Application Insights. If there is a sudden rise in failure rates, or abnormal patterns in client or server performance, you get an alert.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/proactive-diagnostics>

NEW QUESTION: 74

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.

You have an approval process that contains a condition. The condition requires that releases be approved by a team leader before they are deployed.

You have a policy stating that approvals must occur within eight hours.

You discover that deployment fail if the approvals take longer than two hours.

You need to ensure that the deployments only fail if the approvals take longer than eight hours.

Solution: From Pre-deployment conditions, you modify the Time between re-evaluation of gates option.

Does this meet the goal?

A. Yes

B. No

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 75

Your company hosts a web application in Azure. The company uses Azure Pipelines for the build and release management of the application.

Stakeholders report that the past few releases have negatively affected system performance.

You configure alerts in Azure Monitor.

You need to ensure that new releases are only deployed to production if the releases meet defined performance baseline criteria in the staging environment first.

What should you use to prevent the deployment of releases that fail to meet the performance baseline?

A. an Azure Scheduler job

B. a trigger

C. a gate

D. an Azure function

Answer: ([SHOW ANSWER](#)**)**

Scenarios and use cases for gates include:

Quality validation. Query metrics from tests on the build artifacts such as pass rate or code coverage and deploy only if they are within required thresholds.

Use Quality Gates to integrate monitoring into your pre-deployment or post-deployment. This ensures that you are meeting the key health/performance metrics (KPIs) as your applications move from dev to production and any differences in the infrastructure environment or scale is not negatively impacting your KPIs.

Note: Gates allow automatic collection of health signals from external services, and then promote the release when all the signals are successful at the same time or stop the deployment on timeout. Typically, gates are used in connection with incident management, problem management, change management, monitoring, and external approval systems.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/continuous-monitoring>

<https://docs.microsoft.com/en-us/azure/devops/pipelines/release/approvals/gates?view=azure-devops>

NEW QUESTION: 76

Your company uses Azure Artifacts for package management.

You need to configure an upstream source in Azure Artifacts for Python packages.

Which repository type should you use as an upstream source?

- A. PyPI
- B. npmjs.org
- C. Maven Central
- D. third-party trusted Python

Answer: A (LEAVE A REPLY)

Get started with Python packages in Azure Artifacts

Create a feed

Select Artifacts (in the left navigation of your Azure DevOps project).

On the Artifacts page, select Create Feed.

In the Create new feed dialog box:

In the Name field, give the feed a name.

PyPI is the default repository name for twine, which is a tool for publishing Python packages.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/artifacts/quickstarts/python-packages>

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NEW QUESTION: 77

Your company creates a web application.

You need to recommend a solution that automatically sends to Microsoft Teams a dairy summary of the exceptions that occur m the application.

Which two Azure services should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Microsoft Visual Studio App Center
- B. Azure DevOps Project
- C. Azure Logic Apps
- D. Azure Pipelines
- E. Azure Application Insights

Answer: C,E ([LEAVE A REPLY](#))

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/asp-net-exceptions>

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/automate-custom-reports>

NEW QUESTION: 78

You haw an Azure subscription that contains multiple Azure services. You need to send an SMS alert when scheduled maintenance is planned for the Azure services. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Create and configure an Azure Monitor alert rule
- B. Create and configure an action group
- C. Enable Azure Security Center.
- D. Create an Azure Service Health alert.

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 79

You have a containerized solution that runs in Azure Container Instances. The solution contains a frontend container named App1 and a backend container named DB1. DB1 loads a large amount of data during startup.

You need to verify that DB1 can handle incoming requests before users can submit requests to Appl.

What should you configure?

- A. a liveness probe
- B. an Azure Load Balancer health probe
- C. a readiness probe

D. a performance log

Answer: C ([LEAVE A REPLY](#))

For containerized applications that serve traffic, you might want to verify that your container is ready to handle incoming requests. Azure Container Instances supports readiness probes to include configurations so that your container can't be accessed under certain conditions.

Reference:

<https://docs.microsoft.com/en-us/azure/container-instances/container-instances-readiness-probe>

NEW QUESTION: 80

You need to configure GitHub to use Azure Active Directory (Azure AD) for authentication. What should you do first?

- A.** Create a conditional access policy in Azure AD.
- B.** Modify the Security settings of the GitHub organization.
- C.** Create an Azure Active Directory B2C (Azure AD B2C) tenant.
- D.** Register GitHub in Azure AD.

Answer: ([SHOW ANSWER](#)**)**

When you connect to a Git repository from your Git client for the first time, the credential manager prompts for credentials. Provide your Microsoft account or Azure AD credentials.

Note: Git Credential Managers simplify authentication with your Azure Repos Git repositories.

Credential managers let you use the same credentials that you use for the Azure DevOps Services web portal. Credential managers support multi-factor authentication through Microsoft account or Azure Active Directory (Azure AD). Besides supporting multi-factor authentication with Azure Repos, credential managers also support two-factor authentication with GitHub repositories.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/git/set-up-credential-managers>

NEW QUESTION: 81

You use Azure SQL Database Intelligent Insights and Azure Application Insights for monitoring. You need to write ad-hoc Queries against the monitoring data.

Which Query language should you use?

- A.** PL/pgSQL
- B.** Transact-SQL
- C.** Azure Log Analytics
- D.** PL/SQL

Answer: C ([LEAVE A REPLY](#))

Data analysis in Azure SQL Analytics is based on Log Analytics language for your custom querying and reporting.

NEW QUESTION: 82

As part of your application build process, you need to deploy a group of resources to Azure by using an Azure Resource Manager template located on GitHub.

Which three action 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.



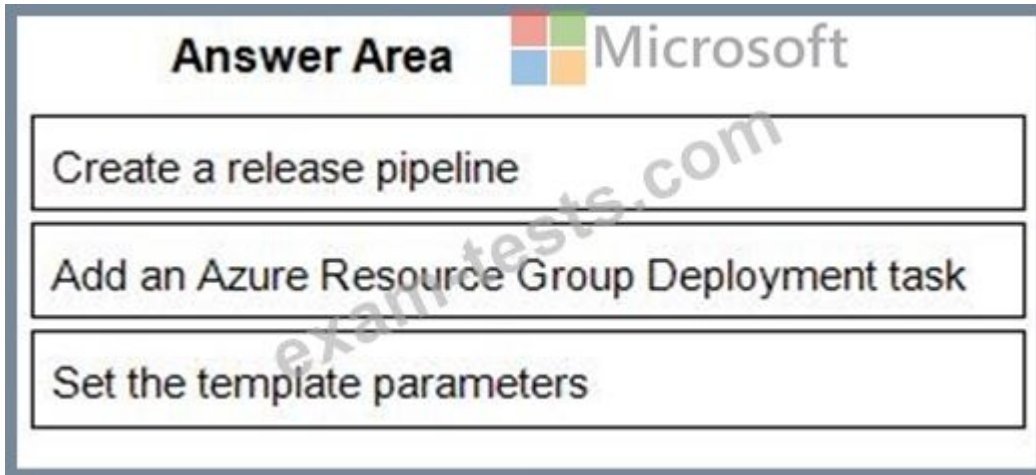
Actions

- Create a package.
- Add an Azure Resource Group Deployment task.
- Create a job agent.
- Create a release pipeline.
- Set the template parameters.

Answer Area

>

Answer:



Answer Area

Microsoft

Create a release pipeline

Add an Azure Resource Group Deployment task

Set the template parameters

- 1 - Create a release pipeline
- 2 - Add an Azure Resource Group Deployment task
- 3 - Set the template parameters

Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/add-template-to-azure-pipelines>

NEW QUESTION: 83

You are designing a strategy to monitor the baseline metrics of Azure virtual machines that run Windows Server. You need to collect detailed data about the processes running in the guest operating system. Which two agents should you deploy? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. the Dependency agent
- B. the Azure Network Watcher Agent for Windows
- C. the Telegraf agent
- D. the Azure Log Analytics agent

Answer: ([SHOW ANSWER](#))

The following table provide a quick comparison of the Azure Monitor agents for Windows.

	Azure Monitor agent (preview)	Diagnostics extension (WAD)	Log Analytics agent	Dependency agent
Environments supported	Azure	Azure	Azure Other cloud On-premises	Azure Other cloud On-premises
Agent requirements	None	None	None	Requires Log Analytics agent
Data collected	Event Logs Performance	Event Logs ETW events Performance File based logs IIS logs .NET app logs Crash dumps Agent diagnostics logs	Event Logs Performance File based logs IIS logs Insights and solutions Other services	Process dependencies Network connection metrics
Data sent to	Azure Monitor Logs Azure Monitor Metrics	Azure Storage Azure Monitor Metrics Event Hub	Azure Monitor Logs	Azure Monitor Logs (through Log Analytics agent)

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/agents-overview>

NEW QUESTION: 84

You have an Azure DevOps organization that contains a project named Project1.

You need to create a published wiki in Project1.

What should you do first?

- A. Modify the Storage settings of Project1.
- B. In Project1, create an Azure DevOps pipeline.
- C. In Project1, create an Azure DevOps repository.

D. Modify the Team configuration settings of Project1.

Answer: C ([LEAVE A REPLY](#))

Reference:

<https://docs.microsoft.com/en-us/azure/devops/project/wiki/publish-repo-to-wiki?view=azure-devops&tabs=browser>

NEW QUESTION: 85

Your company has an Azure subscription.

The company requires that all resource group in the subscription have a tag named organization set to a value of Contoso.

You need to implement a policy to meet the tagging requirement.

How should you complete the policy? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
{
  "policyRule": {
    "if": {
      "allOf": [
        {
          "field": "type",
          "equals": [
            "MicrosoftResources/deployments",
            "MicrosoftResources/subscriptions",
            "MicrosoftResources/subscriptions/resourceGroups"
          ],
          "not": {
            "field": "tags['organization']",
            "equals": "Contoso"
          }
        }
      ]
    },
    "then": {
      "effect": [
        "Append",
        "Deny",
        "DeployIfNotExists"
      ],
      "details": [
        {
          "field": "tags['organization']",
          "value": "Contoso"
        }
      ]
    }
  }
}
```



Answer:

```

{
  "policyRule": {
    "if": {
      "allOf": [
        {
          "field": "type",
          "equals": [
            "MicrosoftResources/deployments",
            "MicrosoftResources/subscriptions",
            "MicrosoftResources/subscriptions/resourceGroups"
          ],
          "not": {
            "field": "tags['organization']",
            "equals": "Contoso"
          }
        }
      ],
      "then": {
        "effect": "Deny",
        "details": [
          {
            "field": "tags['organization']",
            "value": "Contoso"
          }
        ]
      }
    }
  }
}

```

Reference:

<https://docs.microsoft.com/en-us/azure/governance/policy/samples/enforce-tag-on-resource-groups>

NEW QUESTION: 86

You have an Azure DevOps organization named Contoso.

You need to recommend an authentication mechanism that meets the following requirements:

- * Supports authentication from Git
- * Minimizes the need to provide credentials during authentication

What should you recommend?

- A. managed identities in Azure Active Directory (Azure AD)
- B. personal access tokens (PATs) in Azure DevOps

C. user accounts in Azure Active Directory (Azure AD)

D. Alternate credentials in Azure DevOps

Answer: B ([LEAVE A REPLY](#))

Personal access tokens (PATs) give you access to Azure DevOps and Team Foundation Server (TFS), without using your username and password directly. These tokens have an expiration date from when they're created. You can restrict the scope of the data they can access. Use PATs to authenticate if you don't already have SSH keys set up on your system or if you need to restrict the permissions that are granted by the credential.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/git/auth-overview>

NEW QUESTION: 87

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.

You need to recommend an integration strategy for the build process of a Java application. The solution must meet the following requirements:

- * The builds must access an on-premises dependency management system.
- * The build outputs must be stored as Server artifacts in Azure DevOps.
- * The source code must be stored in a Git repository in Azure DevOps.

Solution: Configure the build pipeline to use a Hosted Ubuntu agent pool. Include the Java Tool Installer task in the build pipeline. Does this meet the goal?

A. No

B. Yes

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 88

You have an Azure DevOps organization named Contoso.

You have 10 Azure virtual machines that run Windows Server 2019. The virtual machines host an application that you build and deploy by using Azure Pipelines. Each virtual machine has the Web Server (IIS) role installed and configured.

You need to ensure that the web server configurations on the virtual machines is maintained automatically. The solution must provide centralized management of the configuration settings and minimize management overhead.

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

Install the custom Desired State Configuration (DSC) extension on the virtual machines.
Compile the Desired State Configuration (DSC) configuration.
Import a Desired State Configuration (DSC) configuration into the Azure Automation account.
Create an Azure Automation account.
Onboard the virtual machines to the Azure Automation account.

Answer Area**Answer:**

Answer Area

Create an Azure Automation account.

Install the custom Desired State Configuration (DSC) extension on the virtual machines

Onboard the virtual machines to the Azure Automation account.

Complete the Desired State Configuration (DSC) configuration.

- 1 - Create an Azure Automation account.
- 2 - Install the custom Desired State Configuration (DSC) extension on the virtual machines
- 3 - Onboard the virtual machines to the Azure Automation account.
- 4 - Complete the Desired State Configuration (DSC) configuration.

Reference:

<https://docs.microsoft.com/en-us/azure/automation/automation-dsc-onboarding>
NEW QUESTION: 89

You have a web app hosted on Azure App Service. The web app stores data in an Azure SQL database.

You need to generate an alert when there are 10,000 simultaneous connections to the database. The solution must minimize development effort.

Which option should you select in the Diagnostics settings of the database?

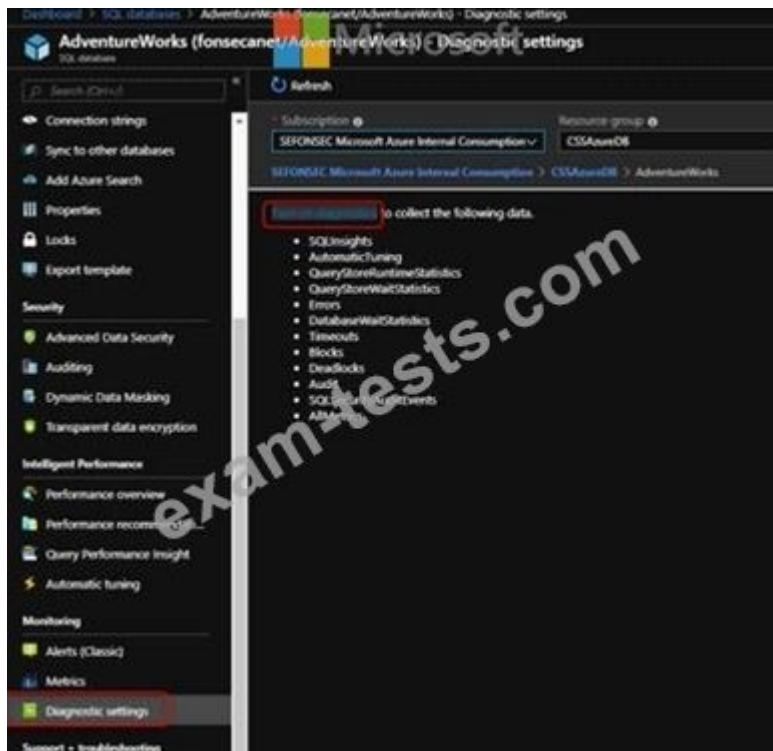
- A. Send to Log Analytics
- B. Archive to a storage account
- C. Stream to an event hub

Answer: A (LEAVE A REPLY)

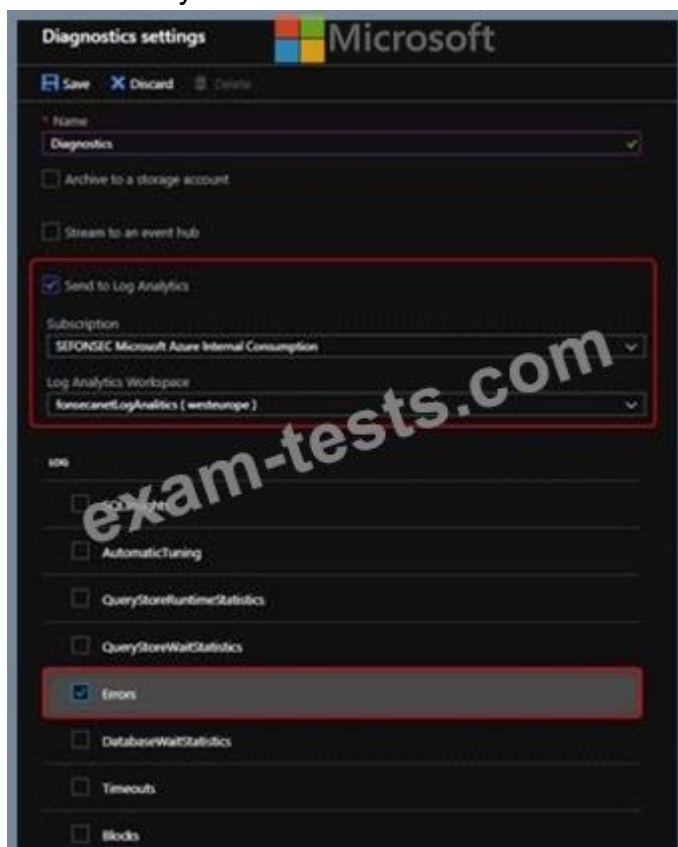
ENABLE DIAGNOSTICS TO LOG ANALYTICS

This configuration is done PER DATABASE

1. Click on Diagnostics Settings and then Turn On Diagnostics



2. Select to Send to Log Analytics and select the Log Analytics workspace. For this sample I will selected only Errors



Reference:

<https://techcommunity.microsoft.com/t5/azure-database-support-blog/azure-sql-db-and-log-analytics-better-together-part-1/ba-p/794833>

NEW QUESTION: 90

You need to recommend a procedure to implement the build agent for Project1.

Which three actions should you recommend be performed 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

Sign in to Azure DevOps by using an account that is assigned the Administrator service connection security role.

Install the Azure Pipelines agent on on-premises virtual machine.

Create a personal access token in the Azure DevOps organization of Contoso.

Install and register the Azure Pipelines agent on an Azure virtual machine.

Sign in to Azure DevOps by using an account that is assigned the agent pool administrator role.

Answer Area



Answer:

Actions

Sign in to Azure DevOps by using an account that is assigned the Administrator service connection security role.

Install the Azure Pipelines agent on on-premises virtual machine.

Create a personal access token in the Azure DevOps organization of Contoso.

Install and register the Azure Pipelines agent on an Azure virtual machine.

Sign in to Azure DevOps by using an account that is assigned the agent pool administrator role.

Answer Area

Sign in to Azure DevOps by using an account that is assigned the Administrator service connection security role.

Create a personal access token in the Azure DevOps organization of Contoso.

Install and register the Azure Pipelines agent on an Azure virtual machine.

Reference:

<https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-tutorial-deploy-container-app-with-cicd-vsts>

<https://mohitgoyal.co/2019/01/10/run-azure-devops-private-agents-in-kubernetes-clusters/>

NEW QUESTION: 91

Your company uses Azure DevOps for the build pipelines and deployment pipelines of Java-based projects.

You need to recommend a strategy for managing technical debt.

Which action should you include in the recommendation?

- A. Configure post-deployment approvals in the deployment pipeline.
- B. Integrate Azure DevOps and SonarQube.
- C. Integrate Azure DevOps and Azure DevTest Labs.

Answer: B (LEAVE A REPLY)

You can manage technical debt with SonarQube and Azure DevOps.

Note: Technical debt is the set of problems in a development effort that make forward progress on customer value inefficient. Technical debt saps productivity by making code hard to understand, fragile, time-consuming to change, difficult to validate, and creates unplanned work that blocks progress. Unless they are managed, technical debt can accumulate and hurt the overall quality of the software and the productivity of the development team in the long term SonarQube an open source platform for continuous inspection of code quality to perform automatic reviews with static analysis of code to:

Detect Bugs

Code Smells

Security Vulnerabilities

Centralize Quality

What's covered in this lab

Reference:

<https://azuredevopslabs.com/labs/vstsextend/sonarqube/>

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<https://www.braindumpsPASS.com/Microsoft/AZ-400-practice-exam-dumps.html> (564 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 92

You have an Azure subscription that contains an Azure Active Directory (Azure AD) tenant.

You are configuring a build pipeline in Azure Pipelines that will include a task named Task1.

Task1 will authenticate by using an Azure AD service principal.

Which three values should you configure for Task1? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. the object ID

- B. the tenant ID
- C. the app ID
- D. the client secret
- E. the subscription ID

Answer: B,C,D ([LEAVE A REPLY](#))

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/library/connect-to-azure>

NEW QUESTION: 93

You are automating the build process for a Java-based application by using Azure DevOps.

You need to add code coverage testing and publish the outcomes to the pipeline.

What should you use?

- A. Cobertura
- B. Bullseye Coverage
- C. MSTest
- D. Coverlet

Answer: A ([LEAVE A REPLY](#))

Use Publish Code Coverage Results task in a build pipeline to publish code coverage results to Azure Pipelines or TFS, which were produced by a build in Cobertura or JaCoCo format.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/tasks/test/publish-code-coverage-results>

NEW QUESTION: 94

You have a project in Azure DevOps. You have an Azure Resource Group deployment project in Microsoft Visual Studio that is checked in to the Azure DevOps project.

You need to create a release pipeline that will deploy resources by using Azure Resource Manager templates.

The solution must minimize administrative effort.

Which task type should you include in the solution?

- A. Azure Cloud Service Deployment
- B. Azure RM Web App Deployment
- C. Azure PowerShell
- D. Azure App Service Manage

Answer: C ([LEAVE A REPLY](#))

There are two different ways to deploy templates to Azure DevOps Services. Both methods provide the same results, so choose the one that best fits your workflow.

1. Add a single step to your build pipeline that runs the PowerShell script that's included in the Azure Resource Group deployment project (Deploy-AzureResourceGroup.ps1). The script copies artifacts and then deploys the template.
2. Add multiple Azure DevOps Services build steps, each one performing a stage task.

The first option has the advantage of using the same script used by developers in Visual Studio and providing consistency throughout the lifecycle.

Reference:

<https://docs.microsoft.com/en-us/azure/vs-azure-tools-resource-groups-ci-in-vsts>

NEW QUESTION: 95

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.

You plan to create a release pipeline that will deploy Azure resources by using Azure Resource Manager templates. The release pipeline will create the following resources:

Two resource groups

Four Azure virtual machines in one resource group

Two Azure SQL databases in other resource group

You need to recommend a solution to deploy the resources.

Solution: Create two standalone templates, each of which will deploy the resources in its respective group.

Does this meet the goal?

A. No

B. Yes

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 96

Your company has a project in Azure DevOps.

You plan to create a release pipeline that will deploy resources by using Azure Resource Manager templates. The templates will reference secrets stored in Azure Key Vault.

You need to recommend a solution for accessing the secrets stored in the key vault during deployments. The solution must use the principle of least privilege.

What should you include in the recommendation? To answer, drag the appropriate configurations to the correct targets. Each configuration 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.

The screenshot shows a question interface with two main panes: 'Configurations' and 'Answer Area'. The 'Configurations' pane contains three items: 'an Azure Key Vault access policy', 'a personal access token (PAT)', and 'RBAC'. The 'Answer Area' contains two targets: 'Restrict access to delete the key vault:' and 'Restrict access to the secrets in Key Vault by using:'. Each target has a corresponding empty text box for the answer. A watermark 'exam-tests.com' is visible across the interface, and the Microsoft logo is at the bottom right.

Answer:

Configurations	Answer Area
an Azure Key Vault access policy	Restrict access to delete the key vault: RBAC
a personal access token (PAT)	Restrict access to the secrets in Key Vault by using: RBAC
RBAC	



Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-manager-tutorial-use-key-vault>

NEW QUESTION: 97

You use a Git repository in Azure Repos to manage the source code of a web application.

Developers commit changes directly to the master branch.

You need to implement a change management procedure that meets the following requirements:

The master branch must be protected, and new changes must be built in the feature branches first.

Changes must be reviewed and approved by at least one release manager before each merge.

Changes must be brought into the master branch by using pull requests.

What should you configure in Azure Repos?

D18912E1457D5D1DDCBD40AB3BF70D5D

- A. branch policies of the master branch
- B. Services in Project Settings
- C. Deployment pools in Project Settings
- D. branch security of the master branch

Answer: A (LEAVE A REPLY)

Branch policies help teams protect their important branches of development. Policies enforce your team's code quality and change management standards.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/git/branch-policies>

NEW QUESTION: 98

You need to ensure that an Azure web app named az400-9940427-main supports rolling upgrades. The solution must ensure that only 10 percent of users who connect to az400-9940427-main use update versions of the app.

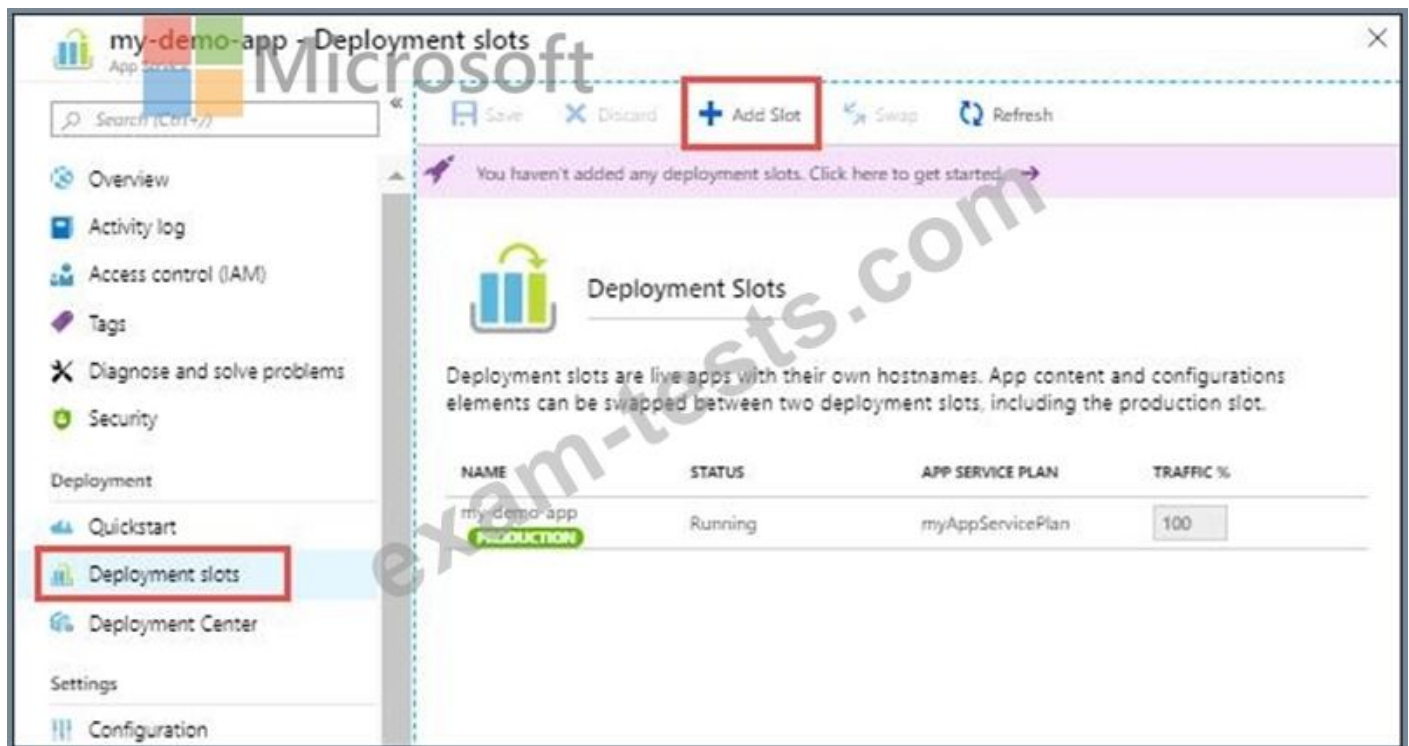
The solution must minimize administrative effort.

To complete this task, sign in to the Microsoft Azure portal.

Answer:

Set up staging environments in Azure App Service

1. Open Microsoft Azure Portal
2. Log into your Azure account, select your app's resource page, in the left pane, select Deployment slots > Add Slot.



3. In the Add a slot dialog box, give the slot a name, and select whether to clone an app configuration from another deployment slot. Select Add to continue.

Add a slot

Name

staging

Clone settings from:

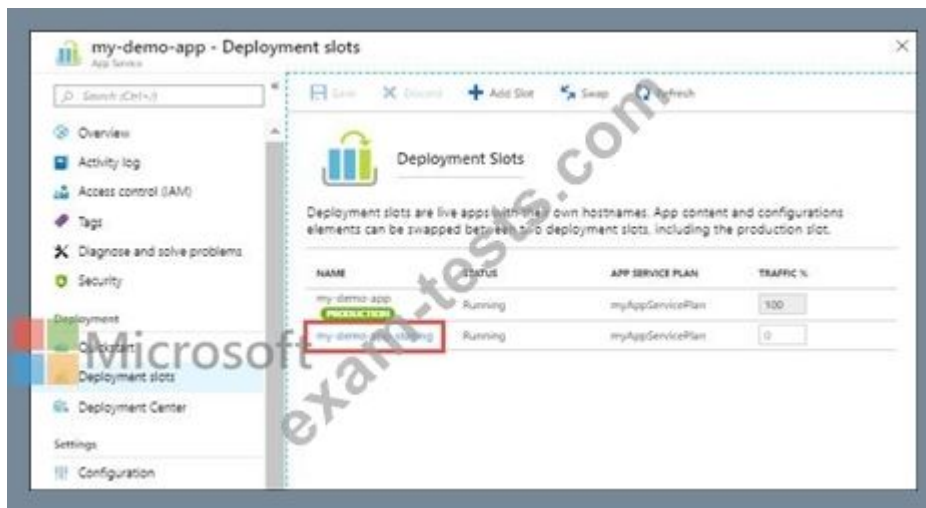
Do not clone settings

Add **Close**

Microsoft

4. After the slot is added, select Close to close the dialog box. The new slot is now shown on the Deployment slots page. By default, Traffic % is set to 0 for the new slot, with all customer traffic routed to the production slot.

5. Select the new deployment slot to open that slot's resource page.



6. Change TRAFFIC % to 10

Reference:

<https://docs.microsoft.com/en-us/azure/app-service/deploy-staging-slots>

NEW QUESTION: 99

Your company uses GitHub for source control. The company has a team that performs code reviews.

You need to automate the assignment of the code reviews. The solution must meet the following requirements:

Prioritize the assignment of code reviews to team members who have the fewest outstanding assignments.

Ensure that each team member performs an equal number of code reviews in any 30-day period.

Prevent the assignment of code reviews to the team leader.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Clear Never assign certain team members.
- B. Select If assigning team members, don't notify the entire team.
- C. Select Never assign certain team members.
- D. Set Routing algorithm to Round robin.
- E. Set Routing algorithm to Load balance.

Answer: A,E (LEAVE A REPLY)

A: To always skip certain members of the team, select Never assign certain team members.

Then, select one or more team members you'd like to always skip. In this case select the team leader.

E: The load balance algorithm chooses reviewers based on each member's total number of recent review requests and considers the number of outstanding reviews for each member. The load balance algorithm tries to ensure that each team member reviews an equal number of pull requests in any 30 day period.

Incorrect Answers:

D: The round robin algorithm chooses reviewers based on who's received the least recent review request, focusing on alternating between all members of the team regardless of the number of outstanding reviews they currently have.

Reference:

<https://docs.github.com/en/organizations/organizing-members-into-teams/managing-code-review-assignment-for-your-team>

NEW QUESTION: 100

You need to perform the GitHub code migration. The solution must support the planned changes for the DevOps environment.

What should you use?

- A. git clone
- B. GitHub Importer
- C. Import repository in Azure Repos
- D. git-tfs

Answer: A ([LEAVE A REPLY](#))

Woodgrove Bank plans to implement the following changes to the DevOps environment:

Migrate all the source code from TFS1 to GitHub.

The Git-TFS tool is a two-way bridge between Team Foundation Version Control and Git, and can be used to perform a migration.

Reference:

<https://docs.microsoft.com/en-us/devops/develop/git/migrate-from-tfvc-to-git>

NEW QUESTION: 101

Your company uses cloud-hosted Jenkins for builds.

You need to ensure that Jenkins can retrieve source code from Azure Repos.

Which three actions should you perform? Each correct answer presents part of the solution

NOTE: Each correct answer selection is worth one point

- A. Add the Team Foundation Server (TFS) plug-in to Jenkins.
- B. Create a personal access token in your Azure DevOps account.
- C. Create a webhook in Jenkins.
- D. Add a domain to your Jenkins account.
- E. Create a service hook in Azure DevOps.

Answer: ([SHOW ANSWER](#)**)**

Reference:

<https://blogs.msdn.microsoft.com/devops/2017/04/25/vsts-visual-studio-team-services-integration-with-jenkins/>

<http://www.aisoftwarellc.com/blog/post/how-to-setup-automated-builds-using-jenkins-and-visual-studio-team-foundation-server/2044>

NEW QUESTION: 102

You manage projects by using Azure Boards.

You have a current work item name itemA that is dependant on a work item named item3.

You need to define the dependency for item A.

What should you do in the web portal for Azure DevOps?

- A.** From itemA open the Links tab, and then select Add link. Set Link type to Successor and add the ID of itemB.
- B.** From Queries, open the context menu, select Add link, and then select Existing item. Set Link type to Affected By and add the ID of itemB.
- C.** From Backlogs, open the context menu, select Add link and then select item3. Set Link type to Related and add the ID of itemA
- D.** From itemA, open the Links tab, and then select Add link. Set Link type to References and add the ID Of itemB.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 103

You are integrating Azure Pipelines and Microsoft Teams.

You install the Azure Pipelines app in Microsoft Teams.

You have an Azure DevOps organization named Contoso that contains a project name Project1.

You subscribe to Project1 in Microsoft Teams.

You need to ensure that you only receive events about failed builds in Microsoft Teams.

What should you do first?

- A.** From Microsoft Teams, run @azure pipelines subscribe <https://dev.azure.com/Contoso/Project1>.
- B.** From Azure Pipelines, add a Publish Build Artifacts task to Project1.
- C.** From Microsoft Teams, run @azure pipelines subscriptions.
- D.** From Azure Pipelines, enable continuous integration for Project1.

Answer: A ([LEAVE A REPLY](#))

To start monitoring all pipelines in a project, use the following command inside a channel:

@azure pipelines subscribe [project url]

The project URL can be to any page within your project (except URLs to pipelines).

For example:

@azure pipelines subscribe <https://dev.azure.com/myorg/myproject/>

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/integrations/microsoft-teams>

NEW QUESTION: 104

You need to create a notification if the peak average response time of an Azure web app named az400-9940427-main is more than five seconds when evaluated during a five-minute period. The notification must trigger the "https://contoso.com/notify" webhook.

To complete this task, sign in to the Microsoft Azure portal.

Answer:

1. Open Microsoft Azure Portal
2. Log into your Azure account and go to App Service and look under Monitoring then you will see Alert.

3. Select Add an alert rule

4. Configure the alert rule as per below and click Ok.

Source: Alert on Metrics

Resource Group: az400-9940427-main

Resource: az400-9940427-main

Threshold: 5

Period: Over the last 5 minutes

Webhook: <https://contoso.com/notify>

Add an alert rule

* Threshold ⓘ

1

bytes/second

* Period ⓘ

Over the last 5 minutes

Email service and co-administrators

☐

Additional administrator email

Additional administrator email

Webhook ⓘ

HTTP or HTTPS endpoint to route alerts to

[Learn more about configuring webhooks](#)

OK

Reference:

<https://azure.microsoft.com/es-es/blog/webhooks-for-azure-alerts/>

NEW QUESTION: 105

You administer an Azure DevOps project that includes package feeds.

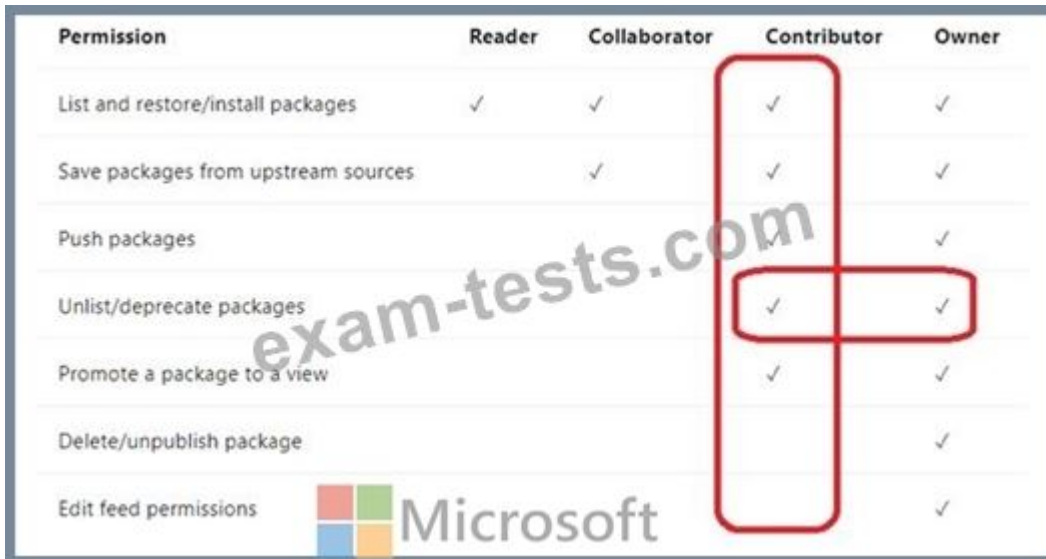
You need to ensure that developers can unlist and deprecate packages. The solution must use the principle of least privilege.

Which access level should you grant to the developers?

- A. Collaborator
- B. Contributor
- C. Owner

Answer: B (LEAVE A REPLY)

Feeds have four levels of access: Owners, Contributors, Collaborators, and Readers. Owners can add any type of identity-individuals, teams, and groups-to any access level.



Permission	Reader	Collaborator	Contributor	Owner
List and restore/install packages	✓	✓	✓	✓
Save packages from upstream sources		✓	✓	✓
Push packages				✓
Unlist/deprecate packages			✓	✓
Promote a package to a view			✓	✓
Delete/unpublish package				✓
Edit feed permissions				✓

Reference:

<https://docs.microsoft.com/en-us/azure/devops/artifacts/feeds/feed-permissions>

NEW QUESTION: 106

You are using GitHub as a source code repository.

You create a client-side Git hook on the commit-msg event. The hook requires that each commit message contain a custom work item tag.

You need to make a commit that does not have a work item tag.

Which git commit parameter should you use?

- A. --squash
- B. --no-verify
- C. --message "
- D. --no-post-rewrite

Answer: B (LEAVE A REPLY)

The commit-msg hook is invoked by git-commit and git-merge, and can be bypassed with the --no-verify option.

Reference:

<https://git-scm.com/docs/githooks>

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<https://www.braindumpsPASS.com/Microsoft/AZ-400-practice-exam-dumps.html> (564 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 107

SIMULATION

You need to create and configure an Azure Storage account named az400lod11566895stor in a resource group named RG1lod11566895 to store the boot diagnostics for a virtual machine named VM1.

To complete this task, sign in to the Microsoft Azure portal.

Answer:

Step 1: To create a general-purpose v2 storage account in the Azure portal, follow these steps:
On the Azure portal menu, select All services. In the list of resources, type Storage Accounts. As you begin typing, the list filters based on your input. Select Storage Accounts.

On the Storage Accounts window that appears, choose Add.

Select the subscription in which to create the storage account.

Under the Resource group field, select RG1lod11566895

Next, enter a name for your storage account named: az400lod11566895stor Select Create.

Step 2: Enable boot diagnostics on existing virtual machine

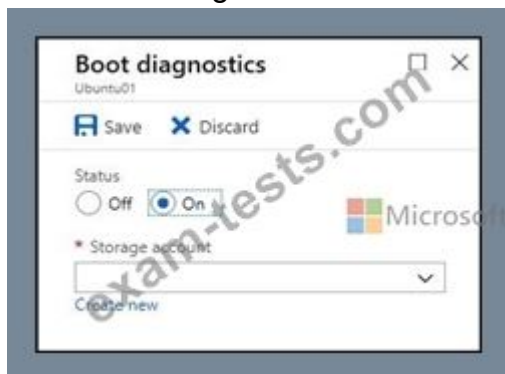
To enable Boot diagnostics on an existing virtual machine, follow these steps:

Sign in to the Azure portal, and then select the virtual machine VM1.

In the Support + troubleshooting section, select Boot diagnostics, then select the Settings tab.

In Boot diagnostics settings, change the status to On, and from the Storage account drop-down list, select the storage account az400lod11566895stor.

Save the change.



You must restart the virtual machine for the change to take effect.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-create>

<https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/boot-diagnostics>

NEW QUESTION: 108

Your company uses Azure DevOps for Git source control.

You have a project in Azure DevOps named Contoso App that contains the following repositories:

<https://dev.azure.com/contoso/contoso-app/core-api>

<https://dev.azure.com/contoso/contoso-app/core-spa>

<https://dev.azure.com/contoso/contoso-app/core-db>

You need to ensure that developers receive Slack notifications when there are pull requests created for Contoso App.

What should you run in Slack? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:



Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/integrations/repos-slack>

NEW QUESTION: 109

You plan to deploy a runbook that will create Azure AD user accounts.

You need to ensure that runbooks can run the Azure PowerShell cmdlets for Azure Active Directory.

To complete this task, sign in to the Microsoft Azure portal.

Answer:

Azure Automation now ships with the Azure PowerShell module of version 0.8.6, which introduced the ability to non-interactively authenticate to Azure using OrgId (Azure Active Directory user) credential-based authentication. Using the steps below, you can set up Azure Automation to talk to Azure using this authentication type.

Step 1: find the Azure Active Directory associated with the Azure subscription to manage:

1. Log in to the Azure portal as the service administrator for the Azure subscription you want to manage using Azure Automation. You can find this user by logging in to the Azure portal as any user with access to this Azure subscription, then clicking Settings, then Administrators.



2. Note the name of the directory associated with the Azure subscription you want to manage. You can find this directory by clicking Settings, then Subscriptions.



Step 2: Create an Azure Active Directory user in the directory associated with the Azure subscription to manage:

You can skip this step if you already have an Azure Active Directory user in this directory. and plan to use this OrgId to manage Azure.

1. In the Azure portal click on Active Directory service.



2. Click the directory name that is associated with this Azure subscription.
 3. Click on the Users tab and then click the Add User button.
 4. For type of user, select "New user in your organization." Enter a username for the user to create.
 5. fill out the user's profile. For role, pick "User." Don't enable multi-factor authentication. Multi-factor accounts cannot be used with Azure Automation.
 6. Click Create.
 7. Jot down the full username (including part after @ symbol) and temporary password.
- Step 3: Allow this Azure Active Directory user to manage this Azure subscription.
1. Click on Settings (bottom Azure tab under StorSimple)



2. Click Administrators

3. Click the Add button. Type the full user name (including part after @ symbol) of the Azure Active Directory user you want to set up to manage Azure. For subscriptions, choose the Azure subscriptions you want this user to be able to manage. Click the check mark.

Step 4: Configure Azure Automation to use this Azure Active Directory user to manage this Azure subscription Create an Azure Automation credential asset containing the username and password of the Azure Active Directory user that you have just created. You can create a credential asset in Azure Automation by clicking into an Automation Account and then clicking the Assets tab, then the Add Setting button.



Note: Once you have set up the Azure Active Directory credential in Azure and Azure Automation, you can now manage Azure from Azure Automation runbooks using this credential.

Reference:

<https://azure.microsoft.com/sv-se/blog/azure-automation-authenticating-to-azure-using-azure-active-directory/>

NEW QUESTION: 110

You manage the Git repository for a large enterprise application.

During the development of the application, you use a file named Config.json.

You need to prevent Config.json from being committed to the source control whenever changes to the application are committed.

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

- Run the git commit command.
- Run the git rebase expire command.
- Run the git add .gitignore command.
- Add Config.json to the .gitignore file.
- Delete and recreate the repository.

Answer Area

Navigation: < > < >

Answer:

Answer Area

- Delete and recreate the repository.
- Add Config.json to the .gitignore file
- Run the git add .gitignore command

- 1 - Delete and recreate the repository.
- 2 - Add Config.json to the .gitignore file
- 3 - Run the git add .gitignore command

Reference:

<http://hermit.no/how-to-find-the-best-gitignore-for-visual-studio-and-azure-devops/>

<https://geohernandez.net/how-to-add-an-existing-repository-into-azure-devops-repo-with-git/>

NEW QUESTION: 111

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.

Your company has a project 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 Pre-deployment conditions settings of the release pipeline, you select After stage.

Does this meet the goal?

A. Yes

B. No

Answer: B (LEAVE A REPLY)

Instead, In Visual Designer you enable continuous integration (CI) by:

Select the Triggers tab.

Enable Continuous integration.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/get-started-designer>

NEW QUESTION: 112

You manage the Git repository for a large enterprise application.

You need to minimize the data size of the repository.

How should you complete the commands? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Microsoft

exam-tests.com

git gc

--aggressive
--auto
--force
--no-prune

now

git

merge
prune
rebase
reset

--expire now

Answer:

Answer Area

Microsoft

exam-tests.com

git gc

--aggressive
--auto
--force
--no-prune

now

git

merge
prune
rebase
reset

--expire now

Reference:

<https://gist.github.com/Zoramite/2039636>

NEW QUESTION: 113

Your company has 60 developers who are assigned to four teams. Each team has 15 members.

The company uses an agile development methodology.

You need to structure the work of the development teams so that each team owns their respective work while working together to reach a common goal.

Which parts of the taxonomy should you enable the team to perform autonomously?

- A. Features and Tasks
- B. Initiatives and Epics
- C. Epics and Features
- D. Stories and Tasks

Answer: A ([LEAVE A REPLY](#))

A feature typically represents a shippable component of software.

Features, examples:

- * Add view options to the new work hub
- * Add mobile shopping cart
- * Support text alerts
- * Refresh the web portal with new look and feel

User Stories and Tasks are used to track work. Teams can choose how they track bugs, either as requirements or as tasks Reference:

<https://docs.microsoft.com/en-us/azure/devops/boards/backlogs/define-features-epics>

<https://docs.microsoft.com/en-us/azure/devops/boards/work-items/about-work-items>

NEW QUESTION: 114

You plan to create a project in Azure DevOps. Multiple developers will work on the project. The developers will work offline frequently and will require access to the full project history while they are offline.

Which version control solution should you use?

- A. TortoiseSVN
- B. Team Foundation Version Control
- C. Subversion
- D. Git

Answer: D (LEAVE A REPLY)

Git history: File history is replicated on the client dev machine and can be viewed even when not connected to the server. You can view history in Visual Studio and on the web portal.

Note: Azure Repos supports two types of version control: Git and Team Foundation Version Control (TFVC).

Reference:

<https://docs.microsoft.com/en-us/azure/devops/repos/tfvc/comparison-git-tfvc>

NEW QUESTION: 115

You are developing a full Microsoft .NET Framework solution that includes unit tests.

You need to configure SonarQube to perform a code quality validation of the C# code as part of the build pipelines.

Which four tasks should you perform in sequence? To answer, move the appropriate tasks from the list of tasks to the answer area and arrange them in the correct order.

Actions Commands Cmdlets Statements	Answer Area
Run Code Analysis	
Visual Studio Test	
Publish Build Artifacts	
Visual Studio Build	
Prepare Analysis Configuration	

Microsoft

Answer:

Actions Commands Cmdlets Statements	Answer Area
Run Code Analysis	Prepare Analysis Configuration
Visual Studio Test	Visual Studio Build
Publish Build Artifacts	Visual Studio Test
Visual Studio Build	Run Code Analysis
Prepare Analysis Configuration	

Microsoft

NEW QUESTION: 116

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.

You need to recommend an integration strategy for the build process of a Java application. The solution must meet the following requirements:

The builds must access an on-premises dependency management system.

The build outputs must be stored as Server artifacts in Azure DevOps.

The source code must be stored in a Git repository in Azure DevOps.

Solution: Configure the build pipeline to use a Hosted VS 2017 agent pool. Include the Java Tool Installer task in the build pipeline.

Does this meet the goal?

A. Yes

B. No

Answer: B (LEAVE A REPLY)

Instead use Octopus Tentacle.

Reference:

<https://explore.emtecinc.com/blog/octopus-for-automated-deployment-in-devops-models>

NEW QUESTION: 117

Your company deploys applications in Docker containers.

You want to detect known exploits in the Docker images used to provision the Docker containers. You need to integrate image scanning into the application lifecycle. The solution must expose the exploits as early as possible during the application lifecycle.

What should you configure?

- A.** a task executed in the continuous deployment pipeline and a scheduled task against a running production container.
- B.** a task executed in the continuous integration pipeline and a scheduled task that analyzes the production container.
- C.** a task executed in the continuous integration pipeline and a scheduled task that analyzes the image registry
- D.** manual tasks performed during the planning phase and the deployment phase

Answer: C ([LEAVE A REPLY](#))

You can use the Docker task to sign into ACR and then use a subsequent script to pull an image and scan the container image for vulnerabilities.

Use the docker task in a build or release pipeline. This task can be used with Docker or Azure Container registry.

NEW QUESTION: 118

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

Answer: B ([LEAVE A REPLY](#))

D18912E1457D5D1DDCBD40AB3BF70D5D

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>

NEW QUESTION: 119

You need to recommend an integration strategy for the build process of a Java application. The solution must meet the following requirements:

- * The builds must access an on-premises dependency management system.
- * The build outputs must be stored as Server artifacts in Azure DevOps.
- * The source code must be stored in a Git repository in Azure DevOps.

Solution: Configure the build pipeline to use a Microsoft-hosted agent pool running a Linux image. Include the Java Tool Installer task in the build pipeline.

Does this meet the goal?

A. Yes

B. No

Answer: A (LEAVE A REPLY)

To run your jobs, you'll need at least one agent. A Linux agent can build and deploy different kinds of apps, including Java and Android apps.

If your pipelines are in Azure Pipelines and a Microsoft-hosted agent meets your needs, you can skip setting up a private Linux agent.

The Azure Pipelines agent pool offers several virtual machine images to choose from, each including a broad range of tools and software. We support Ubuntu, Red Hat, and CentOS.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/v2-linux?view=azure-devops>

<https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/hosted?view=azure-devops&tabs=yaml>

NEW QUESTION: 120

You have a project in Azure DevOps that uses packages from multiple public feeds. Some of the feeds are unreliable.

You need to consolidate the packages into a single feed.

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.

The screenshot shows the Azure DevOps interface for selecting actions. On the left, under the 'Actions' header, there is a list of six actions: 'Create an npm package.', 'Create an Azure Artifacts feed that uses upstream sources.', 'Modify the configuration files to reference the Azure Artifacts feed.', 'Run an initial package restore.', 'Create a NuGet package.', and 'Create a Microsoft Visual Studio project that includes all the packages.' On the right, there is an 'Answer Area' which is currently empty. Between the list and the answer area are two circular arrows, one pointing right and one pointing left. On the far right of the answer area are two circular arrows, one pointing up and one pointing down. The Microsoft logo is visible in the bottom right corner of the interface.

Answer:

Answer Area

Create a NuGet package.

Create an Azure Artifacts feed that uses upstream sources

Create a Microsoft Visual Studio project that includes all the packages



1 - Create a NuGet package.

2 - Create an Azure Artifacts feed that uses upstream sources

3 - Create a Microsoft Visual Studio project that includes all the packages Reference:

<https://docs.microsoft.com/en-us/azure/devops/artifacts/how-to/set-up-upstream-sources>

NEW QUESTION: 121

You plan to deploy a new database environment. The solution must meet the technical requirements. You need to prepare the database for the deployment. How should you format the export?

A. MDF

B. BACPAC

C. DACPAC

D. NDF

Answer: C ([LEAVE A REPLY](#))

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<https://www.braindumpsPass.com/Microsoft/AZ-400-practice-exam-dumps.html> (564 Q&As

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NEW QUESTION: 122

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.

Your 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 select Enable continuous integration

Does the meet the goal?

A. Yes

B. No

Answer: A (LEAVE A REPLY)

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/get-started-designer>

NEW QUESTION: 123

You need to deploy Azure Kubernetes Service (AKS) to host an application. The solution must meet the following requirements:

Containers must only be published internally.

AKS clusters must be able to create and manage containers in Azure.

What should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Containers must only be published internally:	Azure Container Instances Azure Container Registry Dockerfile
AKS clusters must be able to create and manage containers in Azure:	An Azure Active Directory (Azure AD) group An Azure Automation account An Azure service principal

Answer:

Containers must only be published internally:	Azure Container Instances Azure Container Registry Dockerfile
AKS clusters must be able to create and manage containers in Azure:	An Azure Active Directory (Azure AD) group An Azure Automation account An Azure service principal

Reference:

<https://thorsten-hans.com/how-to-use-private-azure-container-registry-with-kubernetes>

<https://docs.microsoft.com/en-us/azure/aks/cluster-container-registry-integration>

NEW QUESTION: 124

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.

You have an Azure DevOps project.

Your build process creates several artifacts.

You need to deploy the artifacts to on-premises servers.

Solution: You deploy an Azure self-hosted agent to an on-premises server. You add a Copy and Publish Build Artifacts task to the deployment pipeline.

Does this meet the goal?

A. Yes

B. No

Answer: A ([LEAVE A REPLY](#))

To build your code or deploy your software using Azure Pipelines, you need at least one agent.

If your on-premises environments do not have connectivity to a Microsoft-hosted agent pool (which is typically the case due to intermediate firewalls), you'll need to manually configure a self-hosted agent on on-premises computer(s). The agents must have connectivity to the target on-premises environments, and access to the Internet to connect to Azure Pipelines or Team Foundation Server.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/agents?view=azure-devops>

NEW QUESTION: 125

Your company has a project in Azure DevOps.

You need to ensure that when there are multiple builds pending deployment only the most recent build is deployed.

What should you use?

A. deployment queue settings

B. deployment conditions

C. release gates

D. pull request triggers

Answer: ([SHOW ANSWER](#)**)**

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/process/stages?tabs=classic&view=azure-devops#queuing-policies>

NEW QUESTION: 126

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.

You need to recommend an integration strategy for the build process of a Java application. The solution must meet the following requirements:

The builds must access an on-premises dependency management system.

The build outputs must be stored as Server artifacts in Azure DevOps.

The source code must be stored in a Git repository in Azure DevOps.

Solution: Configure an Octopus Tentacle on an on-premises machine. Use the Package Application task in the build pipeline.

Does this meet the goal?

A. Yes

B. No

Answer: ([SHOW ANSWER](#))

Octopus Deploy is an automated deployment server that makes it easy to automate deployment of ASP.NET web applications, Java applications, NodeJS application and custom scripts to multiple environments.

Octopus can be installed on various platforms including Windows, Mac and Linux. It can also be integrated with most version control tools including VSTS and GIT.

When you deploy software to Windows servers, you need to install Tentacle, a lightweight agent service, on your Windows servers so they can communicate with the Octopus server.

When defining your deployment process, the most common step type will be a package step. This step deploys your packaged application onto one or more deployment targets.

When deploying a package you will need to select the machine role that the package will be deployed to.

Reference:

<https://octopus.com/docs/deployment-examples/package-deployments>

<https://explore.emtecinc.com/blog/octopus-for-automated-deployment-in-devops-models>

NEW QUESTION: 127

You have the following Azure policy.

```
if: {
  allOf: [
    {
      "field": "type",
      "equals": "Microsoft.Storage/storageAccounts"
    },
    {
      "field": "Microsoft.Storage/storageAccounts/supportsHttpsTrafficOnly",
      "notEquals": "true"
    }
  ]
}
```



A. ensures that all traffic to new Azure Storage accounts is encrypted

B. ensures that at) data for new Azure Storage accounts is encrypted at rest

- C. prevents all HTTP traffic to existing Azure Storage accounts
- D. prevents HTTPS traffic to new Azure Storage accounts when the accounts are accessed over the internet

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 128

You have an Azure subscription that uses Azure Monitor and contains a Log Analytics workspace.

You have an encryption key.

You need to configure Azure Monitor to use the key to encrypt log data

Answer:

- 1 - Create an Azure key vault and store the key.
- 2 - Configure the key vault properties for the cluster.
- 3 - Grant the system-assigned managed identity Key permission for the key vault.
- 4 - Create an Azure Monitor Logs dedicated cluster that has a system-assigned managed identity.
- 5 - Link the log Analytics workspace to the cluster.

NEW QUESTION: 129

You need to meet the technical requirements for monitoring App1. What should you use?

- A. Splunk
- B. Azure Application Insights
- C. Azure Advisor
- D. App Service logs

Answer: B (LEAVE A REPLY)

NEW QUESTION: 130

Your company plans to deploy an application to the following endpoints:

Ten virtual machines hosted in Azure

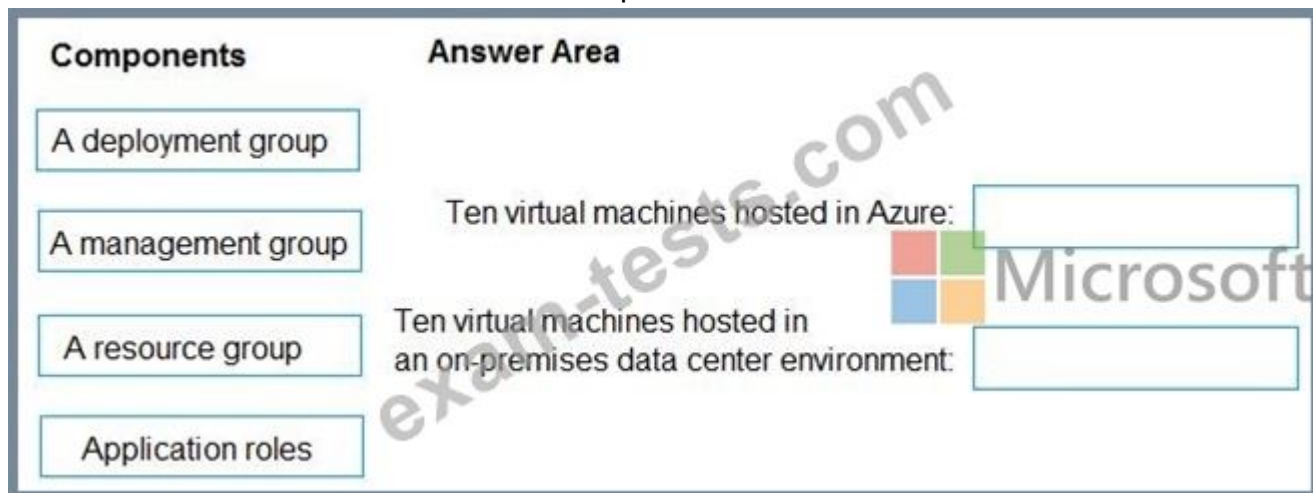
Ten virtual machines hosted in an on-premises data center environment

All the virtual machines have the Azure Pipelines agent.

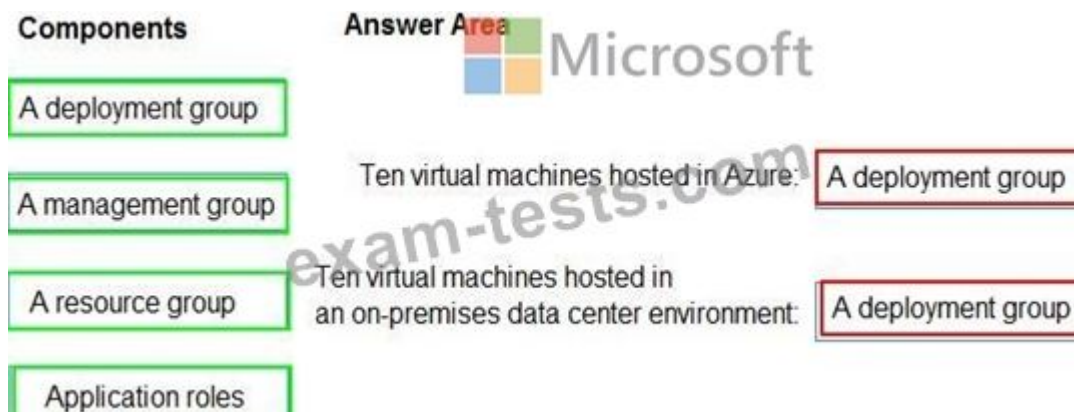
You need to implement a release strategy for deploying the application to the endpoints.

What should you recommend using to deploy the application to the endpoints? To answer, drag the appropriate components to the correct endpoints. Each component 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.



Answer:



NEW QUESTION: 131

You have GitHub repository named repo1 that stores the code of named App1.

You need deploy workflow for repo1 by using GitHub Actions. The solution must meet the following requirements:

Scan on pushes to the main branch.

Scan on pull requests to the main branch.

Scan on pull requests to any branch that has a prefix of releases/.

Scan all the files in subdirectories of the src directory.

Exclude scanning of markdown files

Values

-
-
-
-
-
-

Answer Area

```
...
on:
  push:
    branches: [main]
pull_request:
  branches:
    - main
    
  paths:
    
  paths-ignore:
    
...
```

Answer:

Values

-
-
-
-
-
-

Answer Area

```
...
on:
  push:
    branches: [main]
pull_request:
  branches:
    - main
    
  paths:
    
  paths-ignore:
    
...
```

NEW QUESTION: 132

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. Code Style
- B. Microsoft Visual SourceSafe
- C. Black Duck

D. Jenkins

Answer: C (LEAVE A REPLY)

Secure and Manage Open Source Software

Black Duck helps organizations identify and mitigate open source security, license compliance and code-quality risks across application and container portfolios.

Black Duck Hub and its plugin for Team Foundation Server (TFS) allows you to automatically find and fix open source security vulnerabilities during the build process, so you can proactively manage risk. The integration allows you to receive alerts and fail builds when any Black Duck Hub policy violations are met.

Note: WhiteSource would also be a good answer, but it is not an option here.

Reference:

<https://marketplace.visualstudio.com/items?itemName=black-duck-software.hub-tfs>

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