

Microsoft

Exam Questions AZ-400

Microsoft Azure DevOps Solutions (beta)



NEW QUESTION 1

SIMULATION - (Topic 4)

You need to create an instance of Azure Application Insights named az400-9940427-main and configure the instance to receive telemetry data from an Azure web app named az400- 9940427-main.

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

- A. Mastered
- B. Not Mastered

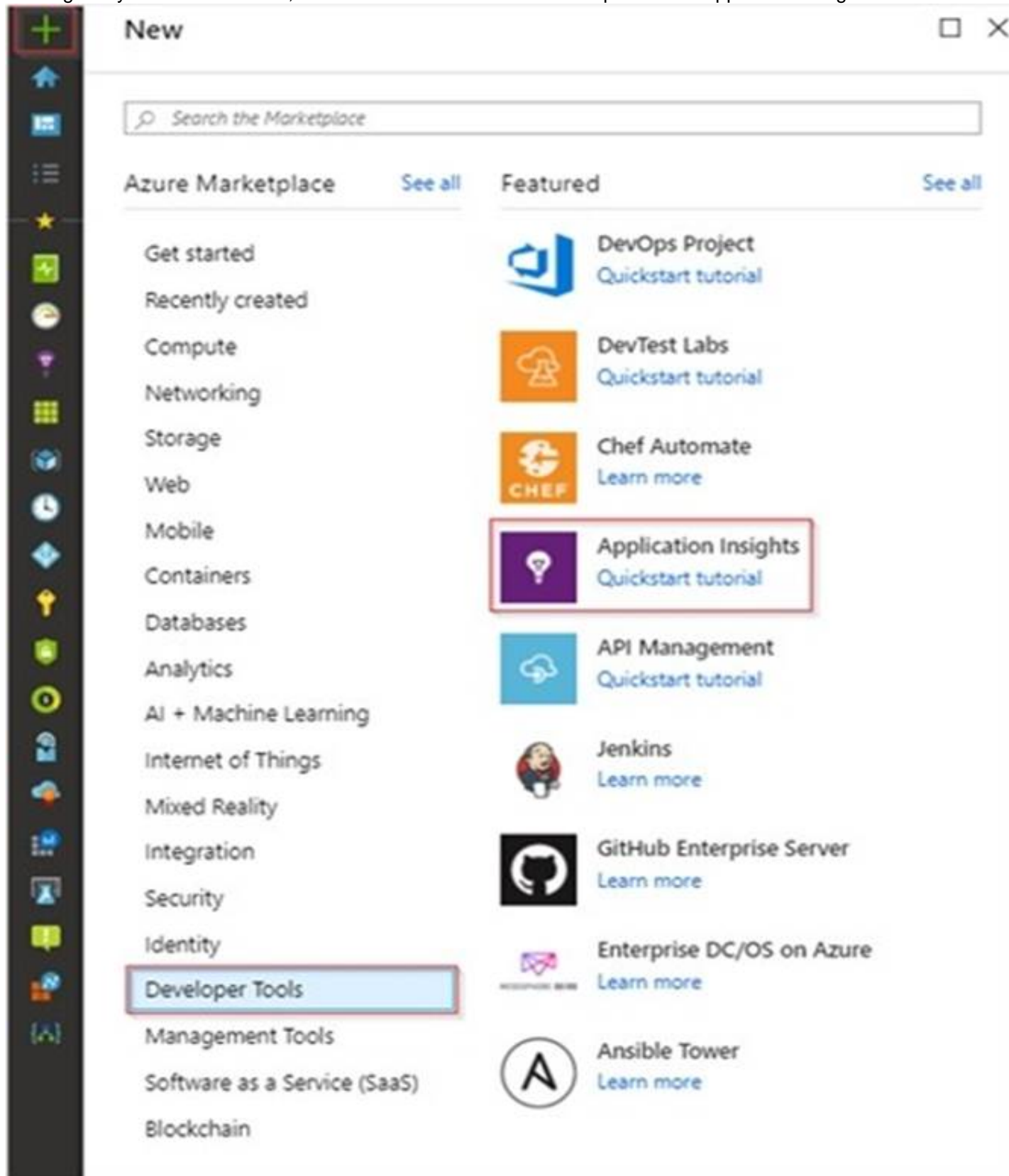
Answer: A

Explanation:

Step 1: Create an instance of Azure Application Insights

* 1. Open Microsoft Azure Portal

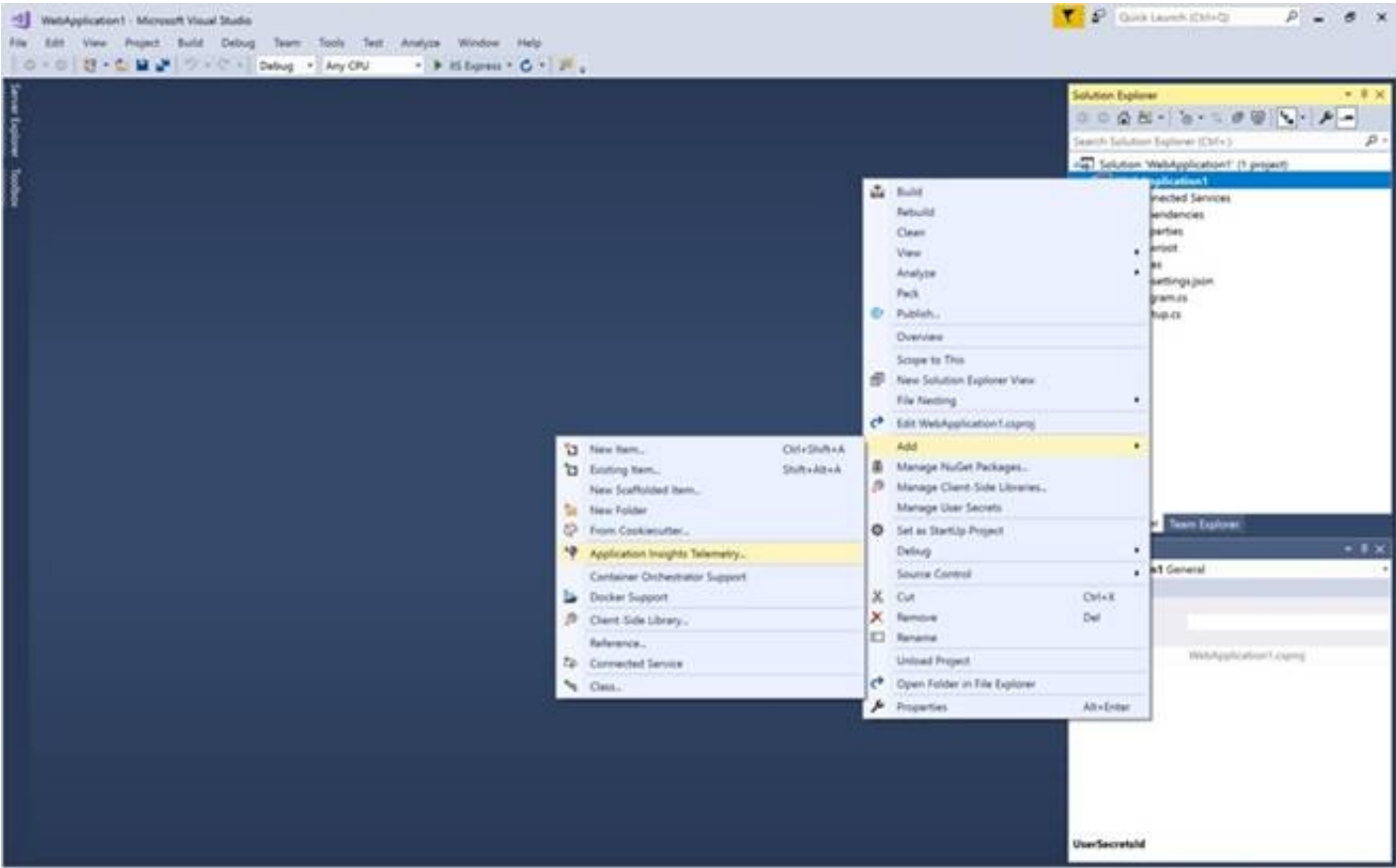
* 2. Log into your Azure account, Select Create a resource > Developer tools > Application Insights.



* 3. Enter the following settings, and then select Review + create. Name: az400-9940427-main

Step 2: Configure App Insights SDK

* 4. Open your ASP.NET Core Web App project in Visual Studio > Right-click on the AppName in the Solution Explorer > Select Add > Application Insights Telemetry.



- * 5. Click the Get Started button
- * 6. Select your account and subscription > Select the Existing resource you created in the Azure portal > Click Register.

References:

<https://docs.microsoft.com/bs-latn-ba/azure/azure-monitor/learn/dotnetcore-quick-start?view=vs-2017>

NEW QUESTION 2

DRAG DROP - (Topic 4)

You have an Azure Repos repository that contains large PSD files. You need to configure Get 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.

Values

git fetch

git lfs config add *.psd

git lfs migrate import --include="*.psd" --everything

git lfs track *.psd

git lfs update

git push

Answer Area

...

git lfs install

Value

git add .gitattributes

git commit -m "track *.psd files using Git LFS"

Value

Value

...

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Values

git fetch

git lfs config add *.psd

git lfs migrate import --include="*.psd" --everything

git lfs track *.psd

git lfs update

git push

Answer Area

...

git lfs install

git lfs track *.psd

git add .gitattributes

git commit -m "track *.psd files using Git LFS"

git lfs migrate import --include="*.psd" --everything

git lfs update

...

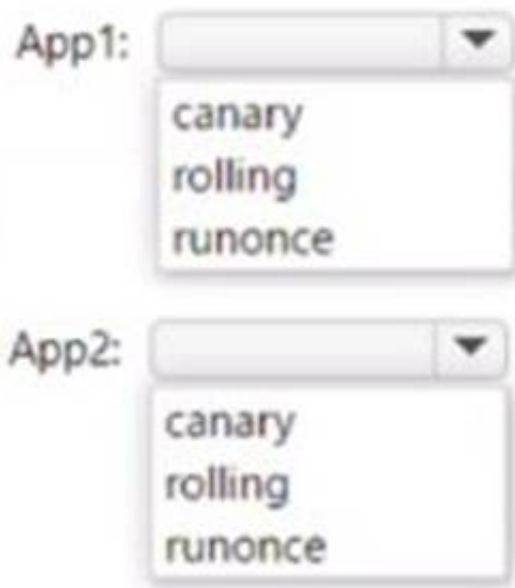
NEW QUESTION 3

HOTSPOT - (Topic 4)

You are designing YAML-based Azure pipelines for the apps shown in the following table

Name	Platform	Release requirements
App1	Azure virtual machine	Replace a fixed set of existing instances of the previous version of App1 with instances of the new version of the app in each iteration.
App2	Azure Kubernetes Service (AKS) cluster	Roll out a limited deployment of the new version of App2 to validate the functionality of the app. Once testing is successful, expand the rollout.

You need to configure the YAML strategy value for each app. The solution must minimize app downtime. Which value should you configure for each app? To answer, select the appropriate options in the answer area.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

App1 Canary and App2 rolling

App1 Canary would minimize app downtime for the first app, as it would only deploy new code when the canary has confirmed that it is functional - and if there are any issues, it would roll back to the previous version of the code.

App2 rolling would be the second option, as it would allow for frequent deployments of new code, while still giving the developers enough time to fix any issues that may have been introduced during new code deployments.

NEW QUESTION 4

- (Topic 4)

You have multiple teams that work on multiple projects in Azure DevOps.

You need to plan and manage the consumers and producers for each project. The solution must provide an overview of all the projects.

What should you do?

- A. Install the Dependency Tracker extension and create dependencies for each project.
- B. Add a Parent or Child link to the feature or user story for the items of each project.
- C. Add a Predecessor or Successor link to the feature or user story for the items of each project.
- D. Create a custom query to show the consumers and producers and add a widget to a dashboard.

Answer: A

NEW QUESTION 5

- (Topic 4)

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 Appl 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 VMSSI 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: B

Explanation:

<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 6

- (Topic 4)

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 a main template that has two linked templates, each of which will deploy the resource in its respective group.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

To deploy your solution, you can use either a single template or a main template with many related templates. The related template can be either a separate file that is linked to from the main template, or a template that is nested within the main template.

References: <https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-linked-templates>

NEW QUESTION 7

- (Topic 4)

You have an Azure DevOps organization named Contoso.

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

- Supports authentication from Get
- 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

Explanation:

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 8

DRAG DROP - (Topic 4)

You are using the Dependency Tracker extension in a project in Azure DevOps. You generate a risk graph for the project.

What should you use in the risk graph to identify the number of dependencies and the risk level of the project? To answer, drag the appropriate elements to the correct data points. Each element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 9

- (Topic 4)

You plan to provision a self-hosted Linux agent

Which authentication mechanism should you use to register the self-hosted agent?

- A. SSH key
- B. personal access token (PAT)
- C. Alternate credentials
- D. certificate

Answer: B

Explanation:

Note: PAT Supported only on Azure Pipelines and TFS 2017 and newer. After you choose PAT, paste the PAT token you created into the command prompt window. Use a personal access token (PAT) if your Azure DevOps Server or TFS instance and the agent machine are not in a trusted domain. PAT authentication is handled by your Azure DevOps Server or TFS instance instead of the domain controller.

Reference:

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

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

NEW QUESTION 10

- (Topic 4)

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 tingle 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

Explanation:

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.

References: <https://docs.microsoft.com/en-us/azure/devops/repos/git/merging-with-squash>

NEW QUESTION 10

SIMULATION - (Topic 4)

You plane 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.

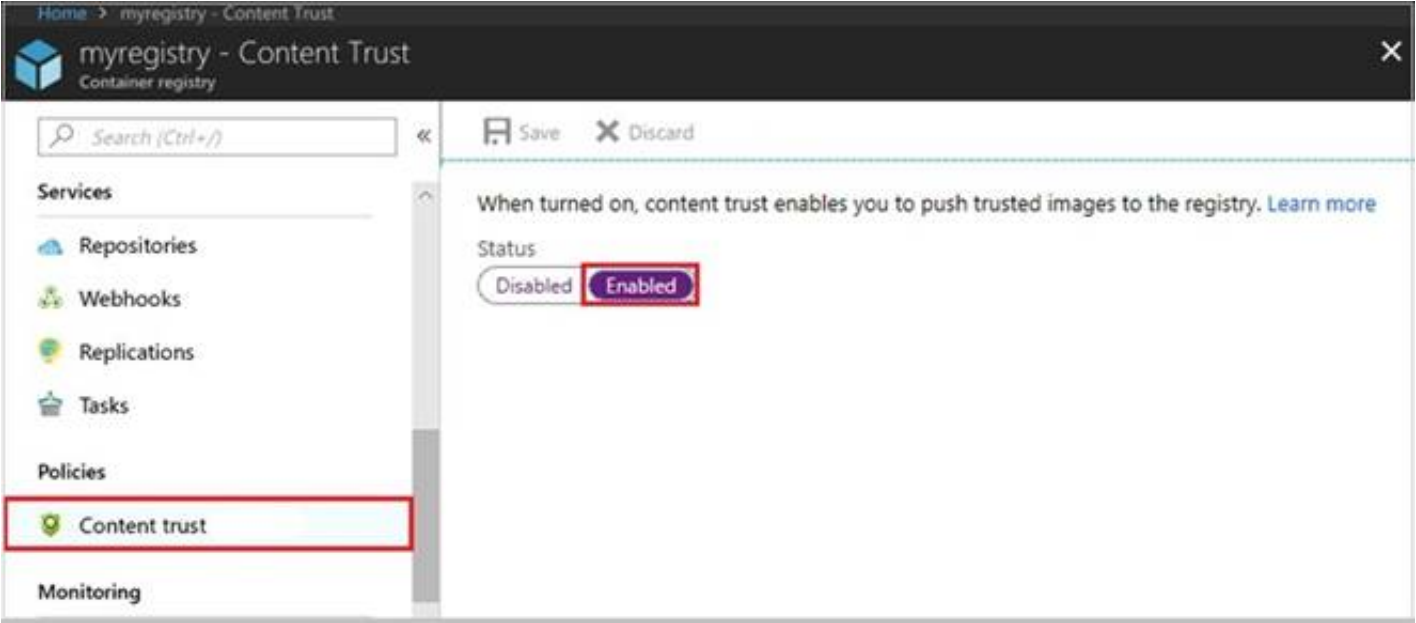
To complete this task, sign in to the Microsoft Azure portal.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- * 1. Open Microsoft Azure Portal, and select the Azure Container Registry instance named az4009940427acr1.
- * 2. Under Policies, select Content Trust > Enabled > Save.



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

NEW QUESTION 13

DRAG DROP - (Topic 4)

You use Get for source control.

You delete a file, commit the changes, and continue to work. You need to recover the deleted file.

Which three commands should you 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.

Commands

git restore path/to/file

git log

git commit -m "undeleated the file"

git checkout [hash]-1 -- path/to/file

git stash

git tag

Answer Area

>

<

↑

↓

- A. Mastered

B. Not Mastered

Answer: A

Explanation:

Commands

git restore path/to/file

git log

git commit -m 'undelated the file'

git checkout [hash]-1 -- path/to/file

git stash

git tag

Answer Area

git log

git checkout [hash]-1 -- path/to/file

git restore path/to/file

NEW QUESTION 16

- (Topic 4)

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

Explanation:

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

NEW QUESTION 20

HOTSPOT - (Topic 4)

You have an Azure subscription.

You need to create a storage account by using a Bicep file.

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

NOTE: Each correct selection is worth one point.

Answer Area

```
param storageAccount string

var storageAccountNameToUse = '${storageAccount}${uniqueString(resourceGroup().id)}'

resource invoiceStorage 'Microsoft.Storage/storageAccounts@2022-05-01' = {

  name: storageAccountNameToUse

  location: 'eastus'

  sku: {

    name: 'Standard_GRS'

  }

  kind:
  kind:
  param:
  properties:
  type:
  var:
  properties: {
    kind:
    param:
    properties:
    type:
    var:
  }
}
```

kind:StorageV2

kind:

param:

properties:

type:

var:

properties:

kind:

param:

properties:

type:

var:

A. Mastered


B. Not Mastered

Answer: A

Explanation:

Answer Area

```
param storageAccount string
var storageAccountNameToUse = '${storageAccount}${uniqueString(resourceGroup().id)}'
resource invoiceStorage 'Microsoft.Storage/storageAccounts@2022-05-01' = {
  name: storageAccountNameToUse
  location: 'eastus'
  sku: {
    name: 'Standard_GRS'
  }
  kind: 'StorageV2'
}
```



NEW QUESTION 24

- (Topic 4)

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 Azure DevOps project.

Your build process creates several artifacts.

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

Solution: You deploy a Docker build to an on-premises server. You add a Download Build Artifacts task to the deployment pipeline.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Instead you should deploy an Azure self-hosted agent to an on-premises server.

Note: 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).

References:

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

NEW QUESTION 28

DRAG DROP - (Topic 4)

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.

Configurations	Answer Area
an Azure Key Vault access policy	Restrict access to delete the key vault: <input type="text"/>
a personal access token (PAT)	Restrict access to the secrets in Key Vault by using: <input type="text"/>
RBAC	

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Box 1: RBAC

Management plane access control uses RBAC.

The management plane consists of operations that affect the key vault itself, such as:

? Creating or deleting a key vault.

? Getting a list of vaults in a subscription.

? Retrieving Key Vault properties (such as SKU and tags).

? Setting Key Vault access policies that control user and application access to keys and secrets.

Box 2: RBAC

References:

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

NEW QUESTION 29

- (Topic 4)

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 Post-deployment conditions, you modify the Timeout setting for post- deployment approvals.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Use Pre-deployments conditions instead. Use a gate instead of an approval instead.

References:

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

NEW QUESTION 32

- (Topic 4)

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 m storage account

C. Stream to an event hub

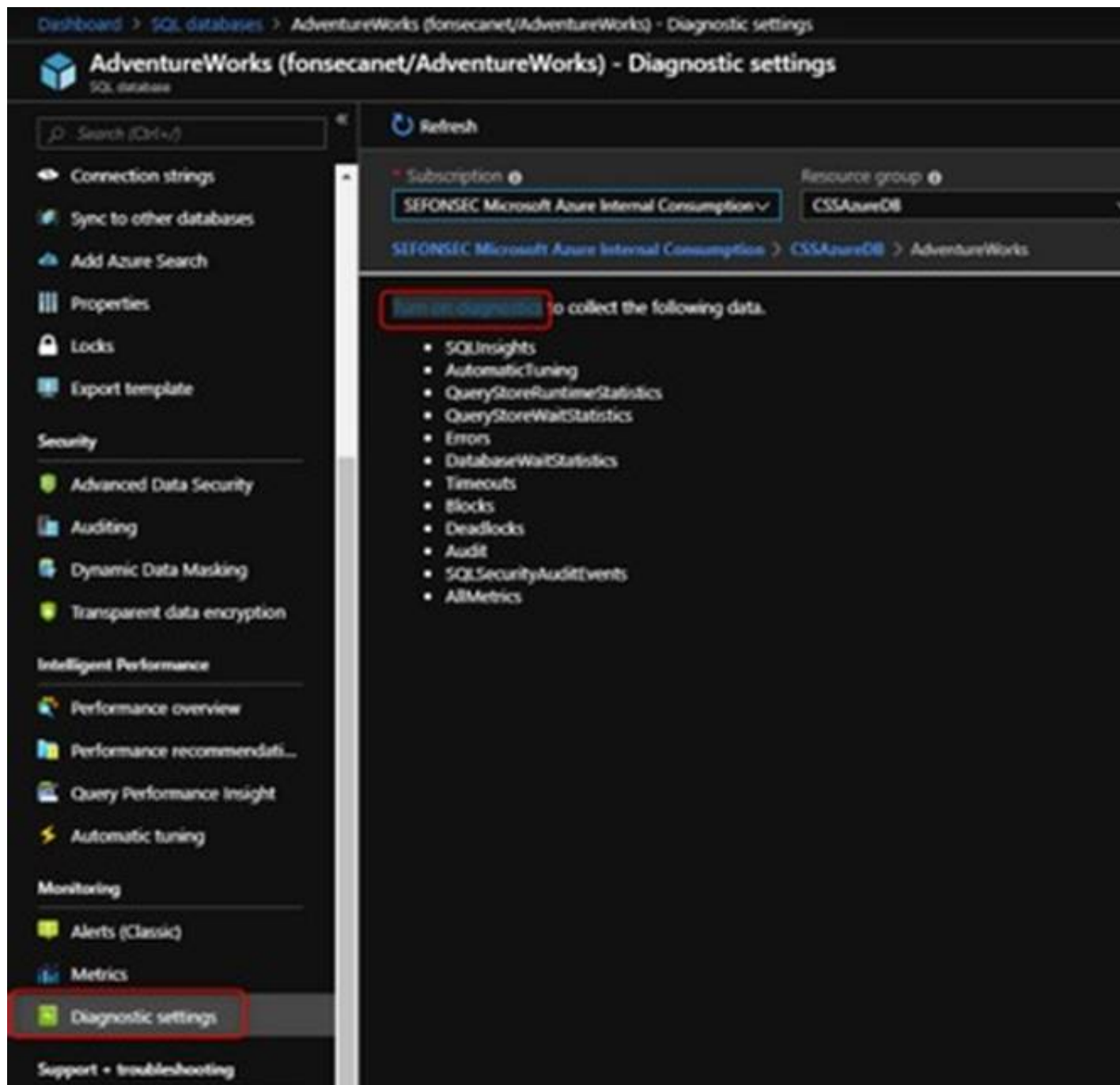
Answer: A

Explanation:

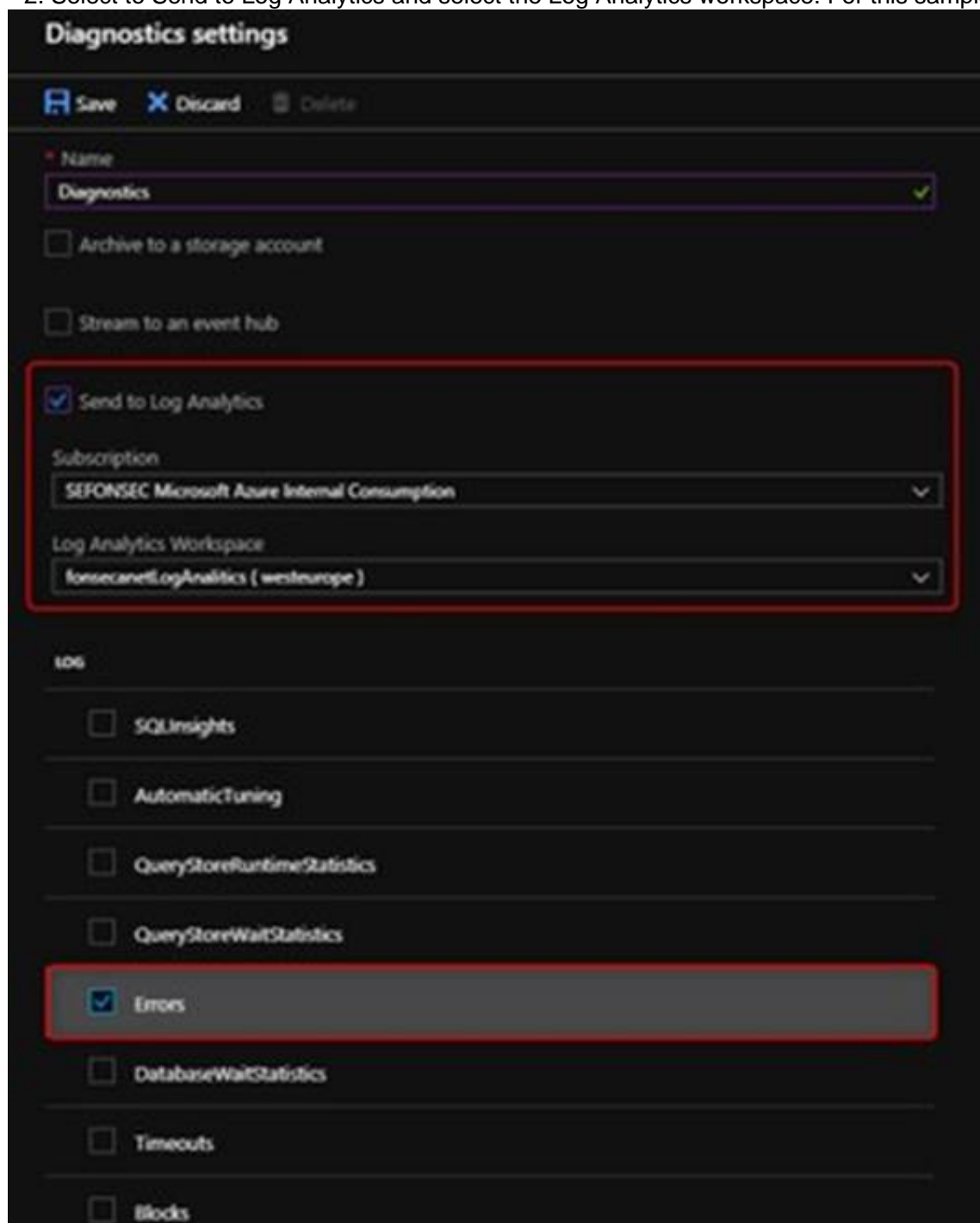
ENABLE DIAGNOSTICS TO LOG ANALYTICS

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 36

- (Topic 4)

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.

The lead developer at your company reports that adding new application features takes longer than expected due to a large accumulated technical debt.

You need to recommend changes to reduce the accumulated technical debt. Solution: You recommend reducing the code complexity.

Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Reference:

<https://dzone.com/articles/fight-through-the-pain-how-to-deal-with-technical>

NEW QUESTION 37

- (Topic 4)

You need to make a custom package available to all the developers. The package must be managed centrally, and the latest version must be available for consumption in Visual Studio automatically.

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

NOTE: Each correct selection is worth one point.

A. Add the package URL to the Environment settings in Visual Studio.

B. Create a Get repository in Azure Repos.

C. Add the package URL to the Get Package Manager settings in Visual Studio.

D. Upload a package to a Get repository.

E. Create a new feed in Azure Artifacts.

F. Publish the package to a feed.

Answer: ABE

NEW QUESTION 42

- (Topic 4)

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: B

Explanation:

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 44

- (Topic 4)

You use WhiteSource Bolt to scan a Node.js application.

The WhiteSource Bolt scan identifies numerous libraries that have invalid licenses. The libraries are used only during development and are not part of a production deployment.

You need to ensure that WhiteSource Bolt only scans production dependencies.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Run npm install and specify the --production flag.

B. Modify the WhiteSource Bolt policy and set the action for the licenses used by the development tools to Reassign.

C. Modify the devDependencies section of the project's Package.json file.

D. Configure WhiteSource Bolt to scan the node_modules directory only.

Answer: AC

Explanation:

A: To resolve NPM dependencies, you should first run "npm install" command on the relevant folders before executing the plugin.

C: All npm packages contain a file, usually in the project root, called package.json - this file holds various metadata relevant to the project. This file is used to give information to npm that allows it to identify the project as well as handle the project's dependencies. It can also contain other metadata such as a project description, the version of the project in a particular distribution, license information, even configuration data - all of which can be vital to both npm and to the end users of the package.

Reference: <https://whitesource.atlassian.net/wiki/spaces/WD/pages/34209870/NPM+Plugin>

<https://nodejs.org/en/knowledge/getting-started/npm/what-is-the-file-package-json>

NEW QUESTION 45

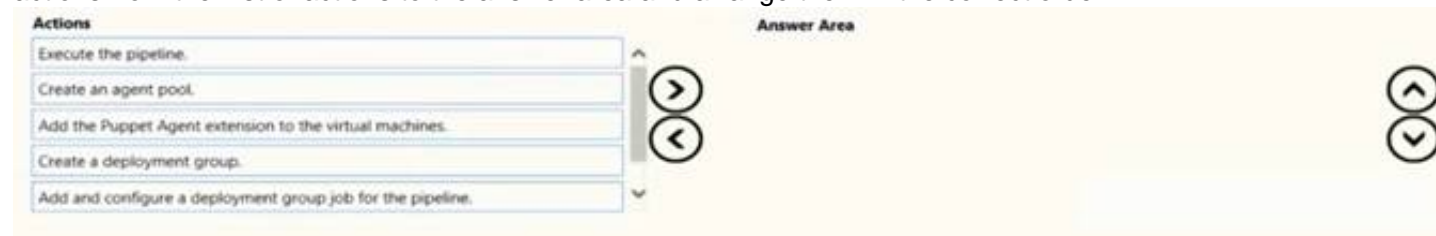
DRAG DROP - (Topic 4)

You have an Azure subscription that contains a resources group named RG1. RG1 contains the following resources:

- Four Azure virtual machines that run Windows Server and have Internet Information Services (IIS) installed
- SQL Server on an Azure virtual machine
- An Azure Load Balancer

You need to deploy an application to the virtual machines in RG1 by using Azure Pipelines. 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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Create an agent pool

Azure Pipelines provides a pre-defined agent pool named Azure Pipelines with Microsoft- hosted agents.

Step 2: Create a deployment group

Deployment groups make it easy to define logical groups of target machines for deployment, and install the required agent on each machine.

Step 3: Execute the Azure Pipelines Agent extension to the virtual machines Install the Azure Pipelines Agent Azure VM extension

Step 4: Add and configure a deployment group job for the pipeline

Tasks that you define in a deployment group job run on some or all of the target servers, depending on the arguments you specify for the tasks and the job itself.

NEW QUESTION 49

- (Topic 4)

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

Explanation:

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

? Select the Triggers tab.

? Enable Continuous integration.

References:

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

NEW QUESTION 54

- (Topic 4)

You have an Azure virtual machine that is monitored by using Azure Monitor. The virtual machine has the Azure Log Analytics agent installed.

You plan to deploy the Service Map solution from Azure Marketplace.

What should you deploy to the virtual machine to support the Service Map solution?

- A. the Telegraf agent
- B. the Azure Monitor agent
- C. the Dependency agent
- D. the Windows Azure diagnostics extension (WAD)

Answer: C

NEW QUESTION 55

- (Topic 4)

You have a project in Azure DevOps named Project1 that references an Azure Artifacts feed named Feed1. You have a package named Package1 that has the versions shown in the following table.

Version	Description
1.0.3	Manually pushed to Feed1
1.4.0	Manually pushed to Feed1
2.0.0	Available from an upstream source
2.3.1	Saved from an upstream source

You need to perform a build of Project1. Which version of Package1 will be used?

- A. 1.0.3
- B. 1.4.0
- C. 2.0.0
- D. 2.3.1

Answer: D

NEW QUESTION 56

- (Topic 4)

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 automated security testing.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Instead use 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 denitive database of open source repositories.

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

NEW QUESTION 59

SIMULATION - (Topic 4)

You have several apps that use an Azure SQL Database named db1.

You need to ensure that queries to db1 are tuned by Azure over time. The solution must only apply to db1.

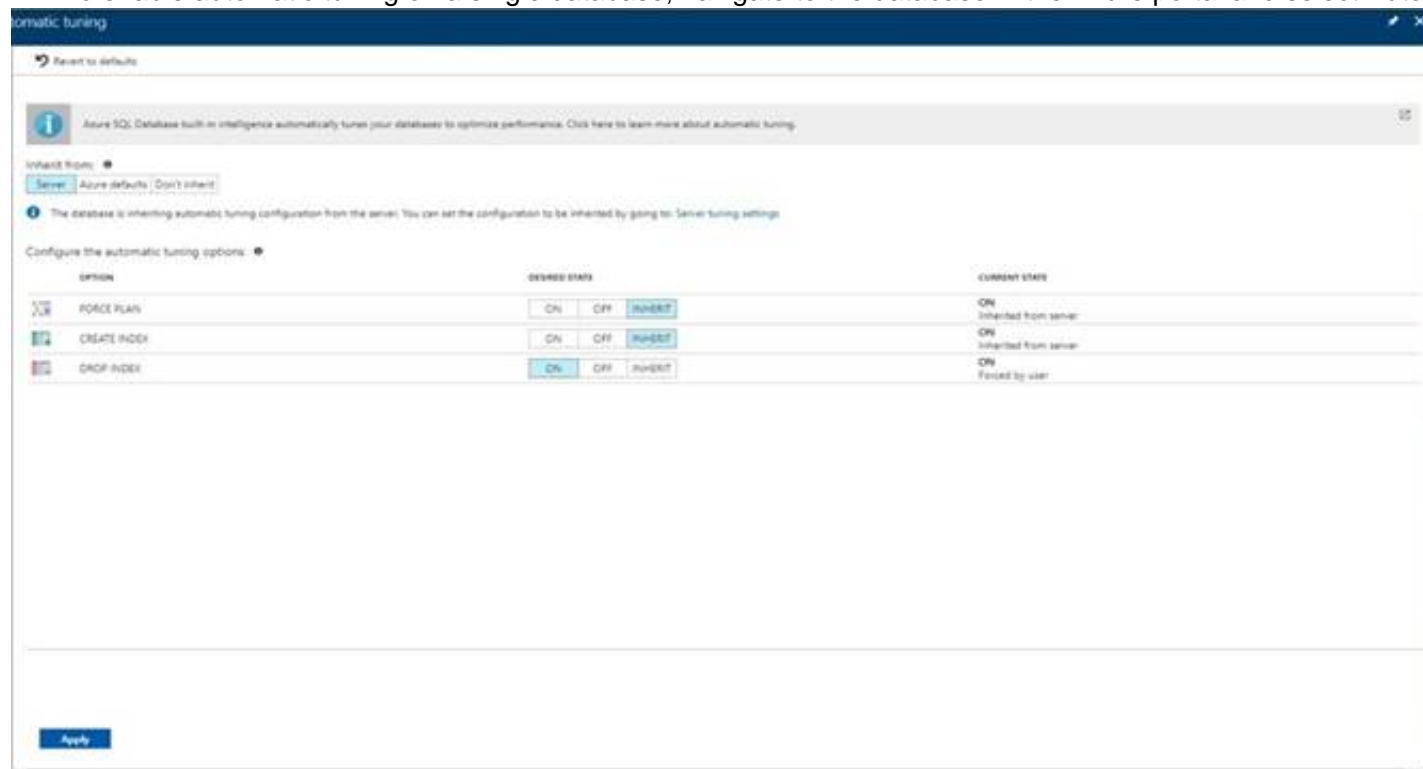
To complete this task, sign in to the Microsoft Azure portal.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

* 1. To enable automatic tuning on a single database, navigate to the database in the Azure portal and select Automatic tuning.



* 2. Select the automatic tuning options you want to enable and select Apply.

Note: Individual automatic tuning settings can be separately configured for each database. You can manually configure an individual automatic tuning option, or specify that an option inherits its settings from the server.

NEW QUESTION 60

- (Topic 4)

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 pre-deployment gates. Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Instead use 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 denitive database of open source repositories.

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

NEW QUESTION 64

HOTSPOT - (Topic 4)

Your company uses GitHub for source control. GitHub repositories store source code and store process documentation. The process documentation is saved as Microsoft Word documents that contain simple flow charts stored as .bmp files.

You need to optimize the integration and versioning of the process documentation and the flow charts. The solution must meet the following requirements:

- Store documents as plain text.
- Minimize the number of files that must be maintained.
- Simplify the modification, merging, and reuse of flow charts.
- Simplify the modification, merging, and reuse of documents.

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.



A. Mastered

B. Not Mastered

Answer: A

Explanation:

Box 1: Markdown (.md)

Github understands several text formats, including .txt and .md. .md stands for a file written in Markdown.

Box 2: Mermaid diagrams

Mermaid lets you create diagrams and visualizations using text and code.

It is a Javascript based diagramming and charting tool that renders Markdown-inspired text definitions to create and modify diagrams dynamically.

NEW QUESTION 67

- (Topic 4)

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 Continuous deployment trigger settings of the release pipeline, you enable the Pull request trigger setting.

Does the meet the goal?

A. Yes

B. No

Answer: B

Explanation:

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

? Select the Triggers tab.

? Enable Continuous integration.

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

NEW QUESTION 68

- (Topic 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.

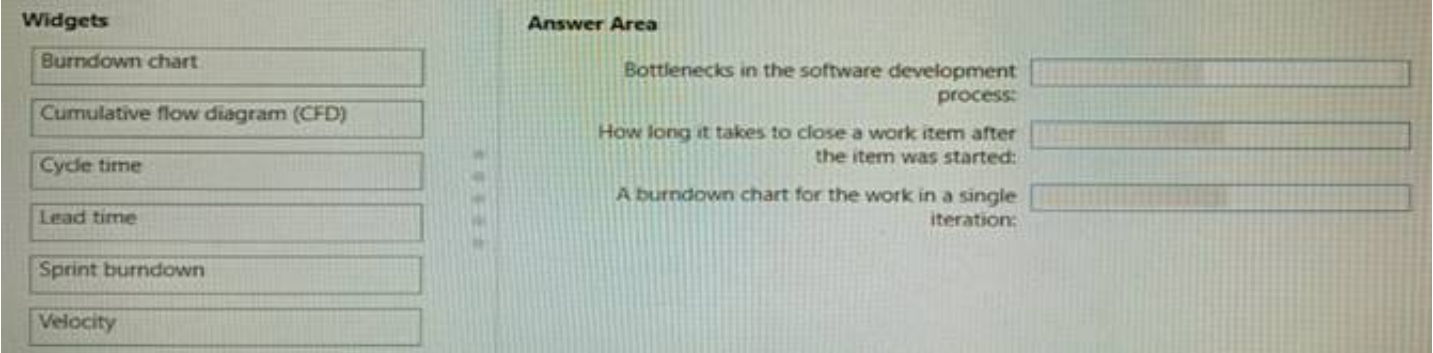
Answer: D

Explanation:

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 73

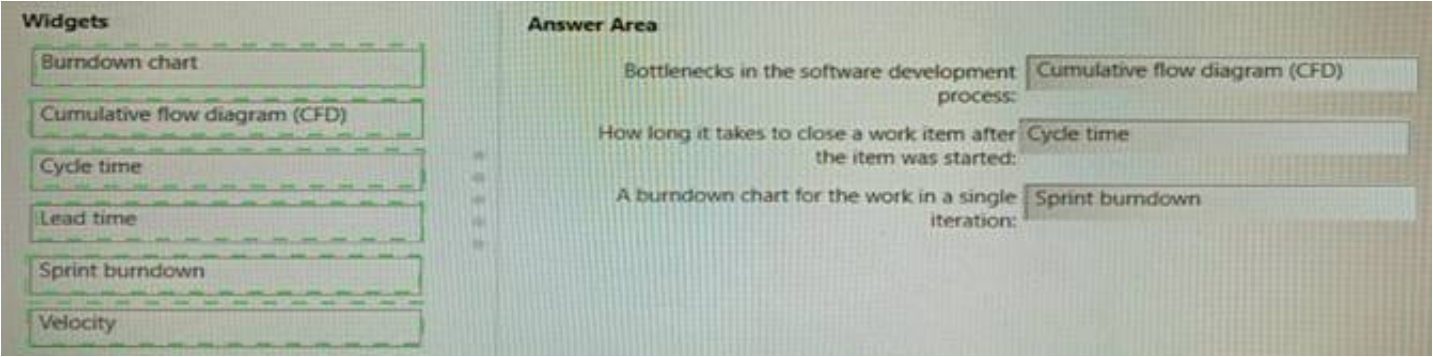
DRAG DROP - (Topic 4)
 You have a project in Azure DevOps.
 You need to configure a dashboard. The solution must include the following metrics:
 • Bottlenecks in the software development process
 • A burndown chart for the work in a single iteration
 • How long it takes to close a work item after the item was started
 Which type of widget should you use for each metric? To answer, drag the appropriate widget types to the correct metrics. Each widget 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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 77

- (Topic 4)
 You manage an Azure web app that supports an e-commerce website.
 You need to increase the logging level when the web app exceeds normal usage patterns. The solution must minimize administrative overhead.
 Which two resources should you include in the solution? Each correct answer presents part of the solution.
 NOTE: Each correct selection is worth one point.

- A. an Azure Monitor alert that has a dynamic threshold
- B. an Azure Automation runbook
- C. an Azure Monitor alert that uses an action group that has an email action
- D. the Azure Monitor autoscale settings
- E. an Azure Monitor alert that has a static threshold

Answer: BC

NEW QUESTION 81

SIMULATION - (Topic 4)

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.

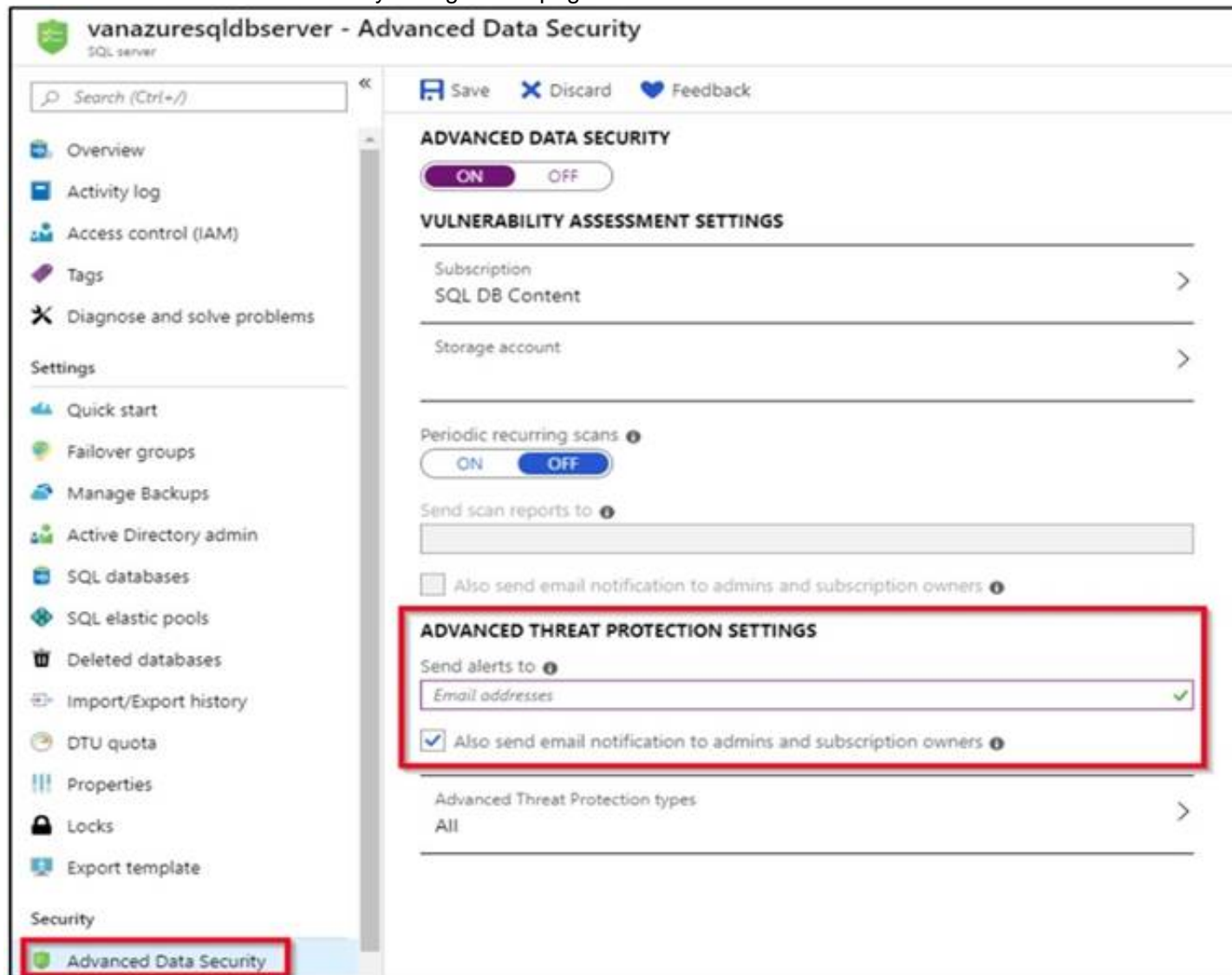
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 85

- (Topic 4)

You have an existing build pipeline in Azure Pipelines.

You need to use incremental builds without purging the environment between pipeline executions.

What should you use?

- A. a File Transform task
- B. a self-hosted agent
- C. Microsoft-hosted parallel jobs

Answer: B

Explanation:

When you run a pipeline on a self-hosted agent, by default, none of the subdirectories are cleaned in between two consecutive runs. As a result, you can do incremental builds and deployments, provided that tasks are implemented to make use of that. You can override this behavior using the workspace setting on the job.

Reference:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/process/phases>

NEW QUESTION 89

- (Topic 4)

Your company uses Service Now for incident management. You develop an application that runs on Azure.

The company needs to generate a ticket in Service Now when the application fails to authenticate.

Which Azure Log Analytics solution should you use?

- A. Automation & Control
- B. IT Service Management Connector (ITSM)
- C. Application ImiQ.hu Connector

D. insight & Analytics

Answer: B

Explanation:

The IT Service Management Connector (ITSMC) allows you to connect Azure and a supported IT Service Management (ITSM) product/service.

ITSMC supports connections with the following ITSM tools:

? ServiceNow

? System Center Service Manager

? Provance

? Cherwell

With ITSMC, you can

? Create work items in ITSM tool, based on your Azure alerts (metric alerts, Activity Log alerts and Log Analytics alerts).

? Optionally, you can sync your incident and change request data from your ITSM tool to an Azure Log Analytics workspace.

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

NEW QUESTION 92

FILL IN THE BLANK - (Topic 4)

You have a GitHub repository that contains the source code for an app.

You need to identify all the changes made between versions 1.4.16 and 1.6.12 of the source code.

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

NOTE: Each correct selection is worth one point.

Git | helper-script > changes.txt

Answer Area

git | helper-script > changes.txt

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer below

get diff v1.4.16 v1.6.12 | helper-script > changes.txt

This command will compare the changes made between versions 1.4.16 and 1.6.12 of the source code in your GitHub repository, pipe the output through the helper-script and save the result to a file called "changes.txt" Please note that, this command assumes that you have a helper-script that can handle get diff output as an input and processes it further. It is not a default get command.

NEW QUESTION 97

- (Topic 4)

You have a brand policy in a project in Azure DevOps. The policy requires that code always builds successfully.

You need to ensure that a specific user can always merge change to the master branch, even if the code fails to compile. The solution must use the principle of least privilege.

What should you do?

A. From the Security setting of the repository, modify the access control for the user.

B. From the Security settings of the branch, modify the access control for the user.

C. Add the user to the Build Administrators group,

D. Add the user to the Project Administrators group

Answer: B

Explanation:

In some cases, you need to bypass policy requirements so you can push changes to the branch directly or complete a pull request even if branch policies are not satisfied. For these situations, grant the desired permission from the previous list to a user or group. You can scope this permission to an entire project, a repo, or a single branch. Manage this permission along with other Git permissions.

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

NEW QUESTION 102

DRAG DROP - (Topic 4)

You have an Azure Kubernetes Service (AKS) cluster.

You need to deploy an application to the cluster by using 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

- Create a service account in the cluster.
- Create a service principal in Azure Active Directory (Azure AD).
- Add an Azure Function App for Container task to the deployment pipeline.
- Add a Helm package and deploy a task to the deployment pipeline.
- Add a Docker Compose task to the deployment pipeline.
- Configure RBAC roles in the cluster.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

You can set up a CI/CD pipeline to deploy your apps on a Kubernetes cluster with Azure DevOps by leveraging a Linux agent, Docker, and Helm.

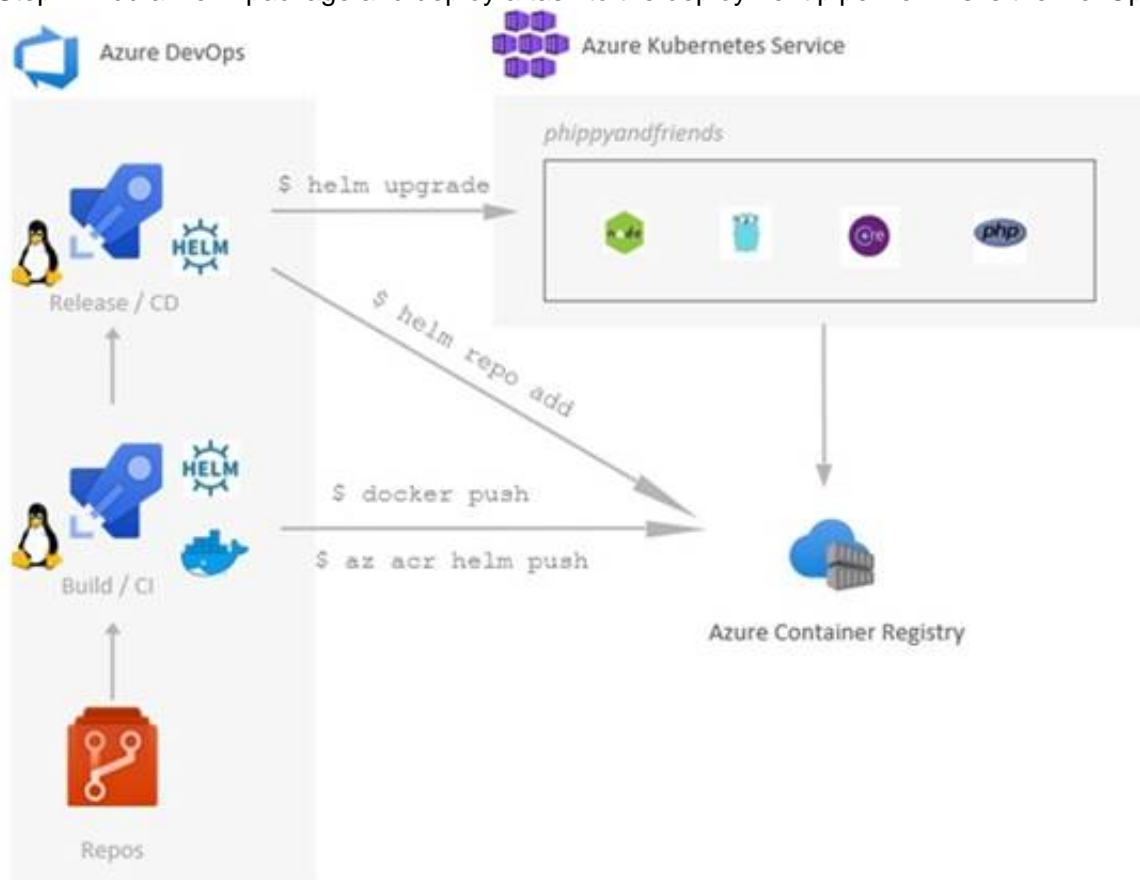
Step 1: Create a service principle in Azure Active Directory (Azure AD)

We need to assign 3 specific service principals with specific Azure Roles that need to interact with our ACR and our AKS.

Create a specific Service Principal for our Azure DevOps pipelines to be able to push and pull images and charts of our ACR.

Create a specific Service Principal for our Azure DevOps pipelines to be able to deploy our application in our AKS.

Step 2: Add a Helm package and deploy a task to the deployment pipeline This is the DevOps workflow with containers:



Step 3: Add a Docker Compose task to the deployment pipeline.

Dockerfile file is a script leveraged by Docker, composed of various commands (instructions) and arguments listed successively to automatically perform actions on a base image in order to create a new Docker image by packaging the app.

NEW QUESTION 105

SIMULATION - (Topic 4)

Your company plans to implement a new compliance strategy that will require all Azure web apps to be backed up every five hours.

You need to back up an Azure web app named az400-11566895-main every five hours to an Azure Storage account in your resource group.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

With the storage account ready, you can configure backs up in the web app or App Service.

? Open the App Service az400-11566895-main, which you want to protect, in the Azure Portal and browse to Settings > Backups. Click Configure and a Backup Configuration blade should appear.

? Select the storage account.

? Click + to create a private container. You could name this container after the web app or App Service.

- ? Select the container.
- ? If you want to schedule backups, then set Scheduled Backup to On and configure a schedule: every five hours
- ? Select your retention. Note that 0 means never delete backups.
- ? Decide if at least one backup should always be retained.
- ? Choose if any connected databases should be included in the web app backup.
- ? Click Save to finalize the backup configuration.

Backup Configuration

Backup Storage

Select the target container to store your app backup.

Storage Settings

petri

Storage Account: petriappbackupblob.azure.windows.net

Backup Schedule

Configure the schedule for your app backup.

Scheduled backup

On

Off

Backup Every

1

Days

Hours

Start backup schedule from

2018-01-20

16:31:38

UTC - Coordinated Universal Time

Retention (Days)

3655

Keep at least one backup

No

Yes

Backup Database

Select the databases you to include with your backup. The backup database list is based on the apps configured connection strings.

INCLUDE IN BACKUP

CONNECTION STRING NAME

DATABASE TYPE

✓

Included

defaultConnection

Sql Database

NEW QUESTION 110

DRAG DROP - (Topic 4)

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

Actions

Answer Area

Run helm init.

Run az aks install-connector.

Create a YAML file.

Run az role assignment create

Run kubectl apply.

➡

⬅

⬆

⬆

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 112

SIMULATION - (Topic 4)

You have a web app that connects to an Azure SQL Database named db1.
You need to configure db1 to send Query Store runtime statistics to Azure Log Analytics. To complete this task, sign in to the Microsoft Azure portal.

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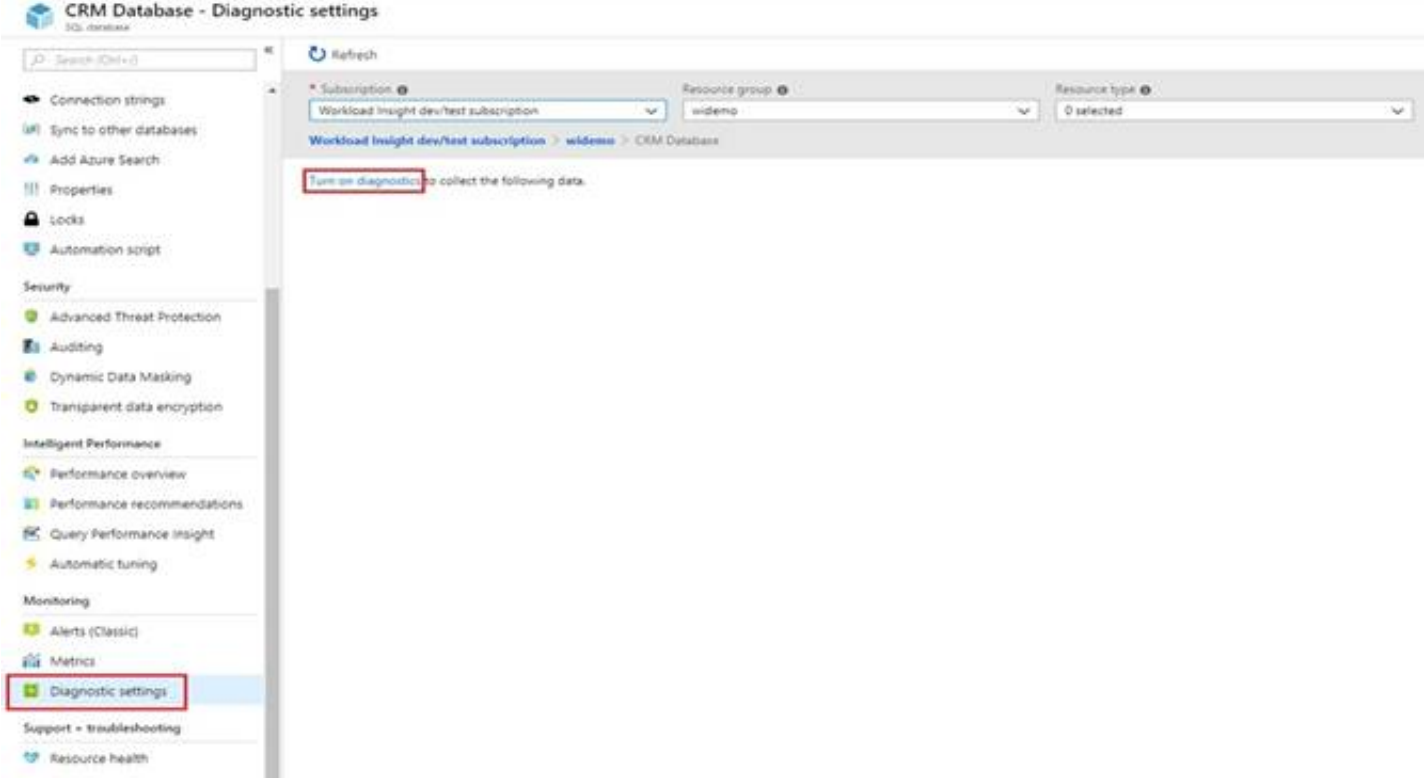
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

To enable streaming of diagnostic telemetry for a single or a pooled database, follow these steps:

- * 1. Go to Azure SQL database resource.
- * 2. Select Diagnostics settings.
- * 3. Select Turn on diagnostics if no previous settings exist, or select Edit setting to edit a previous setting. You can create up to three parallel connections to stream diagnostic telemetry.
- * 4. Select Add diagnostic setting to configure parallel streaming of diagnostics data to multiple resources.



Graphical user

- * 5. Enter a setting name for your own reference.
- * 6. Select a destination resource for the streaming diagnostics data: Archive to storage account, Stream to an event hub, or Send to Log Analytics.
- * 7. For the standard, event-based monitoring experience, select the following check boxes for database diagnostics log telemetry: Query Store Runtime Statistics

Diagnostics settings

Save

Discard

Delete

* Name

service

Archive to a storage account

Stream to an event hub

Send to Log Analytics

Subscription

Workload Insight dev/test subscription

Log Analytics Workspace

sqlanalytics356 (westcentralus)

LOG

SQLInsights

AutomaticTuning

QueryStoreRuntimeStatistics

QueryStoreWaitStatistics

Errors

DatabaseWaitStatistics

Timeouts

Blocks

Deadlocks

METRIC

Basic

- * 8. For an advanced, one-minute-based monitoring experience, select the check box for Basic metrics.
- * 9. Select Save.

NEW QUESTION 115

SIMULATION - (Topic 4)

You need to create an instance of Azure Application Insights named az400-9940427-main and configure the instance to receive telemetry data from an Azure web app named az400- 9940427-main.

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

- A. Mastered
- B. Not Mastered

Answer: A

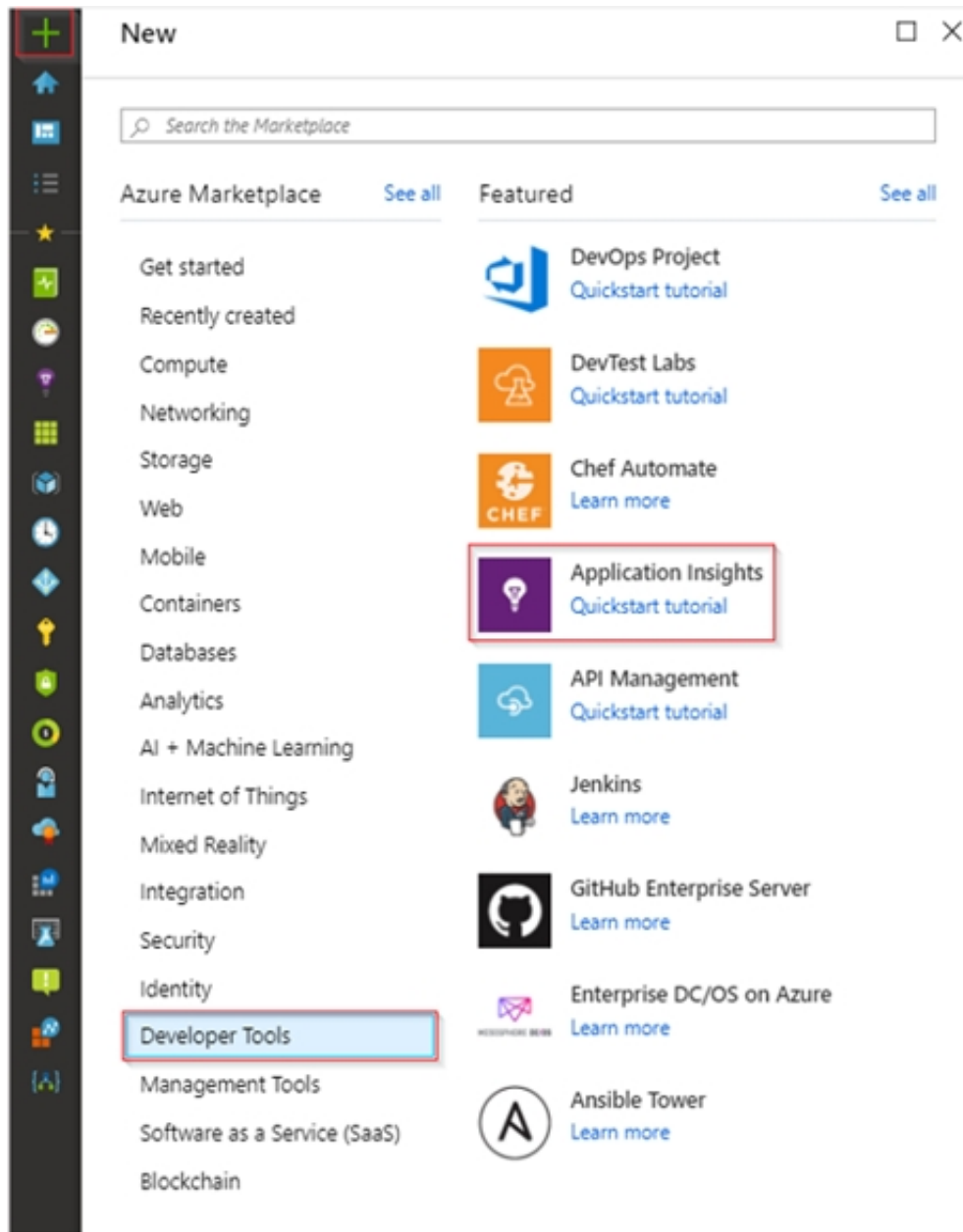
Explanation:

Step 1: Create an instance of Azure Application Insights

- * 1. Open Microsoft Azure Portal
- * 2. Log into your Azure account, Select Create a resource > Developer tools > Application Insights.
- * 3. Enter the following settings, and then select Review + create. Name: az400-9940427-main

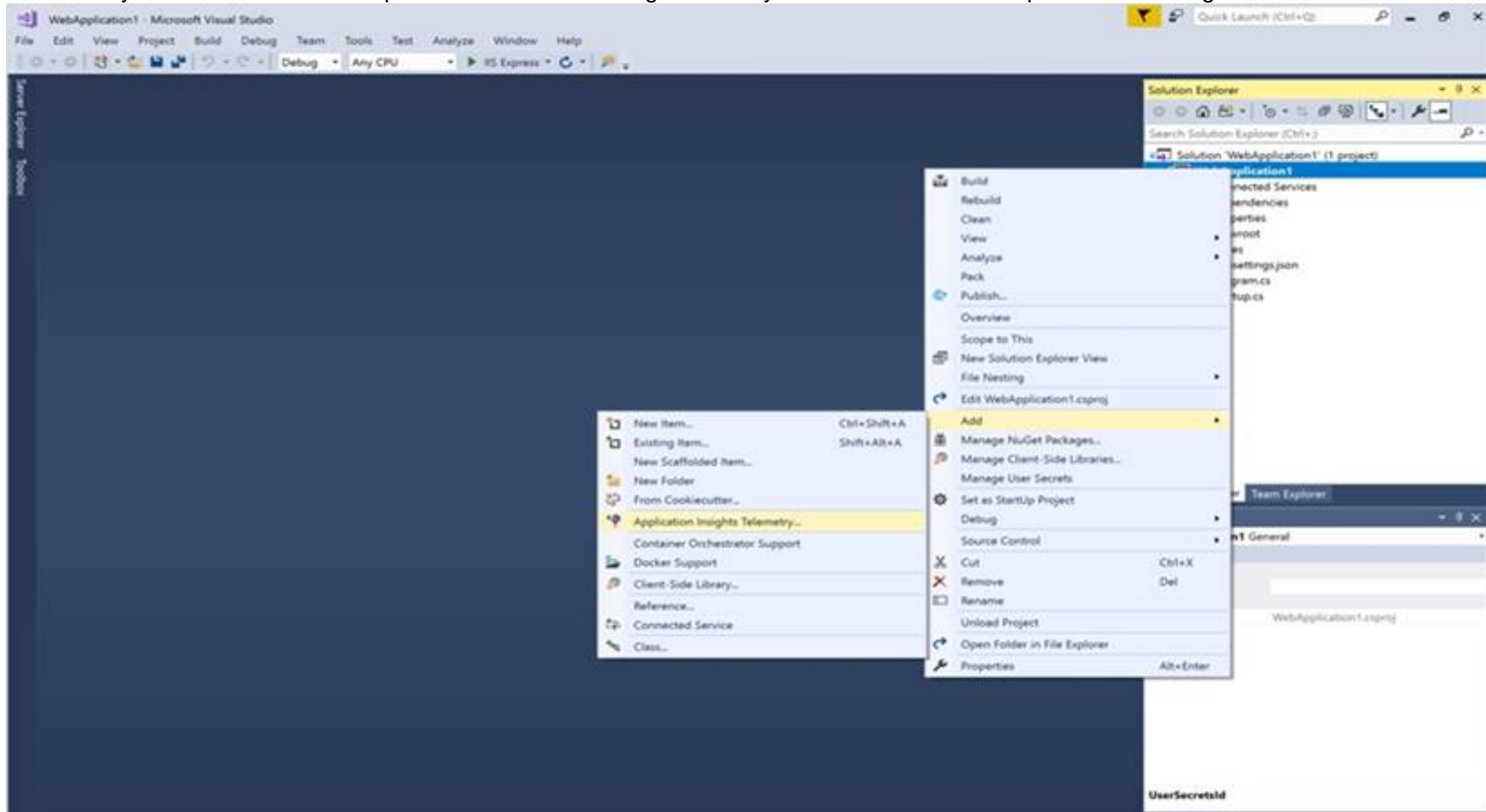
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Step 2: Configure App Insights SDK

- * 1. Open your ASP.NET Core Web App project in Visual Studio > Right-click on the AppName in the Solution Explorer > Select Add > Application Insights Telemetry.
- * 2. Click the Get Started button
- * 3. Select your account and subscription > Select the Existing resource you created in the Azure portal > Click Register.



NEW QUESTION 116

- (Topic 4)

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. Yes
- B. No

Answer: A

NEW QUESTION 119

- (Topic 4)

You have a private GitHub repository.

You need to display the commit status of the repository on Azure Boards. What should you do first?

- A. Create a GitHub action in GitHub.
- B. Add the Azure Pipelines app to the GitHub repository.
- C. Configure multi-factor authentication (MFA) for your GitHub account.
- D. Add the Azure Boards app to the repository.

Answer: D

Explanation:

To connect Azure Boards to GitHub.com, connect and configure from Azure Boards. Or, alternatively, install and configure the Azure Boards app from GitHub. Both methods have been streamlined and support authenticating and operating via the app rather than an individual.

Note (see step 4 below): Add a GitHub connection:

? Sign into Azure Boards.

? Choose (1) Project Settings, choose (2) GitHub connections and then (3) Connect your GitHub account.

? If this is your first time connecting to GitHub from Azure Boards, you will be asked



to sign in using your GitHub credentials. Choose an account for which you are an administrator for the repositories you want to connect to.

? The Add GitHub Repositories dialog automatically displays and selects all





GitHub.com repositories for which you are an administrator. Unselect any repositories that you don't want to participate in the integration.

Add GitHub repositories

Add the GitHub repositories you want to use with your Azure Boards.

 Filter by keywords 

Viewing 4, 4 selected

- ☒  JamalHart/fabrikam- apps-2
- ☒  JamalHart/fabrikam- demo
- ☒  JamalHart/fabrikam- open-source
- ☒  JamalHart/fabrikam- suite

Save

Reference:

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

NEW QUESTION 122

- (Topic 4)

Your company has a project in Azure DevOps for a new application. The application will be deployed to several Azure virtual machines that run Windows Server 2016.

You need to recommend a deployment strategy for the virtual machines. The strategy must meet the following requirements:

- Ensure that the virtual machines maintain a consistent configuration.
- Minimize administrative effort to configure the virtual machines What should you include in the recommendation?

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

Answer: C

Explanation:

The Custom Script Extension downloads and executes scripts on Azure virtual machines. This extension is useful for post deployment configuration, software installation, or any other configuration or management tasks. Scripts can be downloaded from Azure storage or GitHub, or provided to the Azure portal at extension run time. The Custom Script Extension integrates with Azure Resource Manager templates, and can be run using the Azure CLI, PowerShell, Azure portal, or the Azure Virtual Machine REST API.

References:

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

NEW QUESTION 127

- (Topic 4)

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 build completed event. Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

You can create a service hook for Azure DevOps Services and TFS with Jenkins. However, the service subscription event should use the code pushed event, is triggered when the code is pushed to a Git repository.

NEW QUESTION 132

FILL IN THE BLANK - (Topic 4)

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 area.

inputs:

'"yarn" | "\$(Agent.OS)" | yarn.lock'

\$(YARN_CACHE_FOLDER)

displayName: Cache Yarn packages

- script: yarn --frozen-lockfile

A. Mastered

B. Not Mastered

Answer: A

Explanation:

inputs:

key: '"yarn" | "\$(Agent.OS)" | yarn.lock'

path: \$(YARN_CACHE_FOLDER)

displayName: Cache Yarn packages

- script: yarn --frozen-lockfile

NEW QUESTION 136

- (Topic 4)

You have an Azure DevOps project that contains a build pipeline. The build pipeline uses approximately 50 open source libraries.

You need to ensure that all the open source libraries comply with your company's licensing standards.

Which service should you use?

A. NuGet

B. Maven

C. Black Duck

D. Helm

Answer: C

Explanation:

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>

NEW QUESTION 139

SIMULATION - (Topic 4)

You need to configure an Azure web app named az400-9940427-main to contain an environmental variable named "MAX_ITEMS". The environmental variable must have a value of 50.

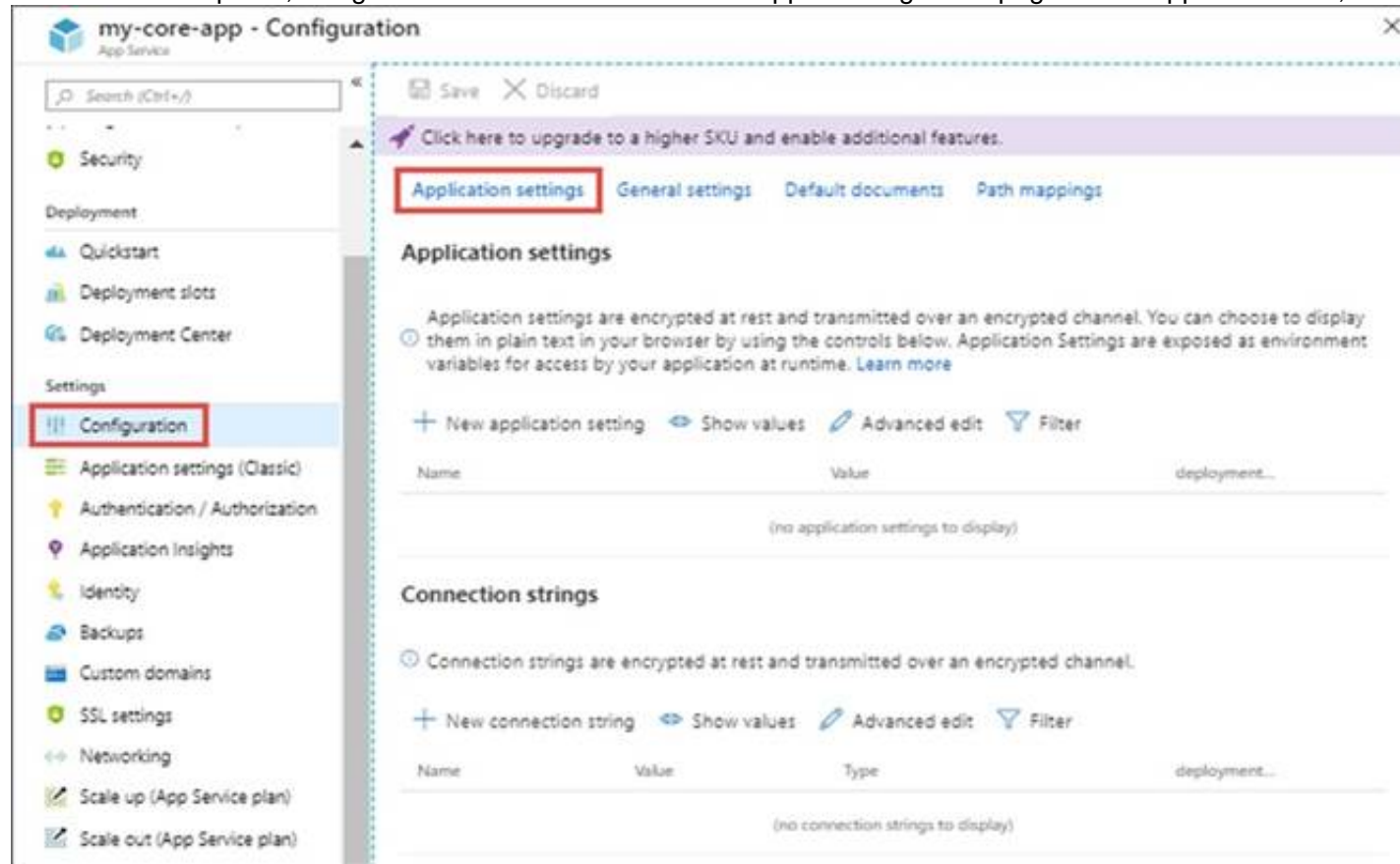
To complete this task, sign in to the Microsoft Azure portal.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

* 1. In the Azure portal, navigate to the az400-9940427-main app's management page. In the app's left menu, click Configuration > Application settings.



* 2. Click New Application settings

* 3. Enter the following:

? Name: MAX_ITEMS

? Value: 50

References:

<https://docs.microsoft.com/en-us/azure/app-service/configure-common>

NEW QUESTION 144

DRAG DROP - (Topic 4)

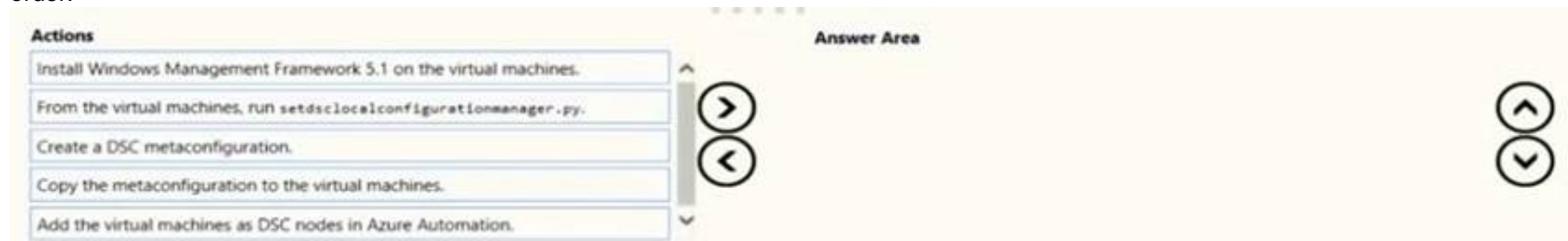
Your company has two virtual machines that run Linux in a third-party public cloud.

You plan to use the company's Azure Automation State Configuration implementation to manage the two virtual machines and detect configuration drift.

You need to onboard the Linux virtual machines.

You install PowerShell Desired State Configuration (DSC) on the virtual machines, and then run register.py.

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



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Create a DSC metaconfiguration

Load up the DSC Configuration into Azure Automation.

Step 2: Copy the metaconfiguration to the virtual machines. Linking the Node Configuration to the Linux Host

Step 3: Add the virtual machines as DSC nodes in Azure Automation.

go to DSC Nodes, select your node, and then click Assign node configuration. This step assigns the DSC configuration to the Linux machine.

Next up will be to link the node configuration to the host. Go to the host and press the "Assign node..."-button. Next up you can select your node configuration.

NEW QUESTION 149

DRAG DROP - (Topic 4)

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 pin 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

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
 Step1: Create an Azure Automation account. An Azure Automation account is required.
 Step 2: Install the custom Desired State Configuration (DSC) extension on the virtual machines
 Under the hood, and without an administrator having to remote into a VM, the Azure VM Desired State Configuration extension registers the VM with Azure Automation State Configuration.
 Step 3: Onboard the virtual machines to the Azure Automation account.
 Step 4: Complete the Desired State Configuration (DSC) configuration. Create a DSC configuration.

NEW QUESTION 150

HOTSPOT - (Topic 4)
 You company uses Azure DevOps to deploy infrastructures to Azure. Pipelines are developed by using YAML.
 You execute a pipeline and receive the results in the web portal for Azure Pipelines as shown in the following exhibit.

FN

Fast Track

Overview

Boards

Repos

Pipelines

Pipelines

Environments

Releases

Library

Task groups

Deployment groups

WhiteSource Bolt

Test Plans

Artifacts

Jobs in run #20191120.1

Fast Track

build vm

initialize build

7s

Initialize job

<1s

Checkout

4s

CmdLine

2s

Post-job: Ccheckout

<1s

Finalize Job

<1s

deploy_to_dev

>

deploy_to_dev_server

2s

deploy_to_uat

>

deploy_to_uat_server

2s

Finalize build

Report build status

<1s

initial_build

1 Pool: Azure Pipelines

2 Image: Ubuntu-18.04

3 Agent: Hosted Agent

4 Started: Just now

5 Duration: 7s

6

7 Job preparation parameters

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
 NOTE: Each correct selection is worth one point.

The pipeline contains

▼

one stage

two stages

three stages

four stages

five stages

Build_vm contains

▼

one job

two jobs

three jobs

four jobs

five jobs

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- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The pipeline contains

	▼
one stage	
two stages	
three stages	
four stages	
five stages	

Build_vm contains

	▼
one job	
two jobs	
three jobs	
four jobs	
five jobs	

NEW QUESTION 155

- (Topic 4)
You manage source code control and versioning by using GitHub. A large file it committed to a repository accidentally. You need to reduce the size of the repository. The solution must remove the file from the repository. What should you use?

- A. bfg
- B. 1fs
- C. gvfs
- D. init

Answer: A

NEW QUESTION 157

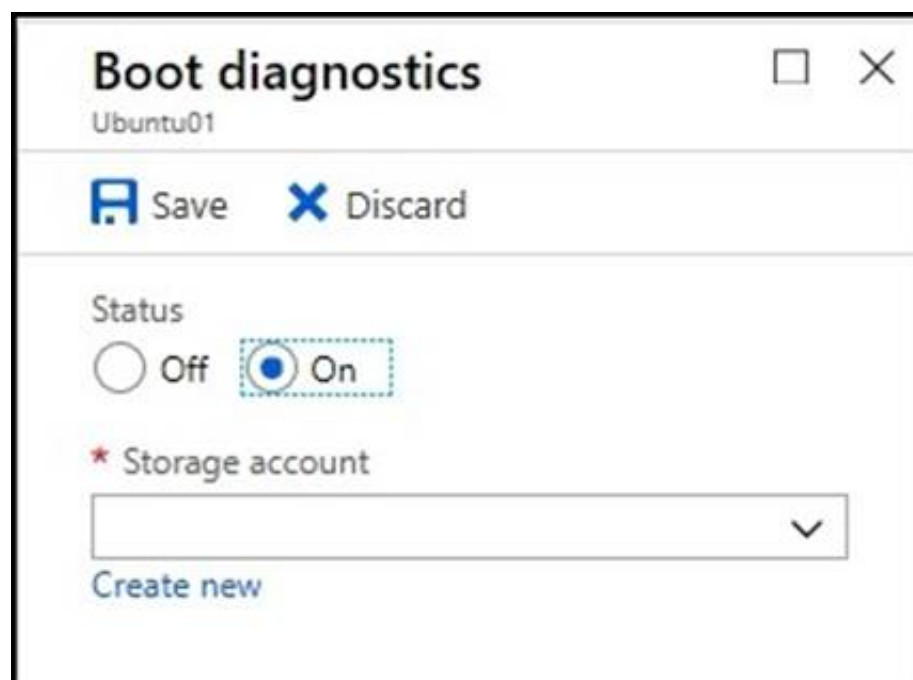
SIMULATION - (Topic 4)
SIMULATION
You need to create and configure an Azure Storage account named az400lod11566895stor in a resource group named RG1lod11566895 to store the boot diagnostics for a virtual machine named VM1.
To complete this task, sign in to the Microsoft Azure portal.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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.

NEW QUESTION 158

- (Topic 4)

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

Explanation:

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 163

DRAG DROP - (Topic 4)

Your company has an Azure subscription named Subscription1. Subscription1 is associated to an Azure Active Directory tenant named contoso.com.

You need to provision an Azure Kubernetes Services (AKS) cluster in Subscription1 and set the permissions for the cluster by using RBAC roles that reference the identities in contoso.com.

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

Answer Area

Objects

a system-assigned managed identity

a cluster

an application registration in contoso.com

an RBAC binding



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Create an AKS cluster

Step 2: a system-assigned managed identity

To create an RBAC binding, you first need to get the Azure AD Object ID.

? Sign in to the Azure portal.

? In the search field at the top of the page, enter Azure Active Directory.

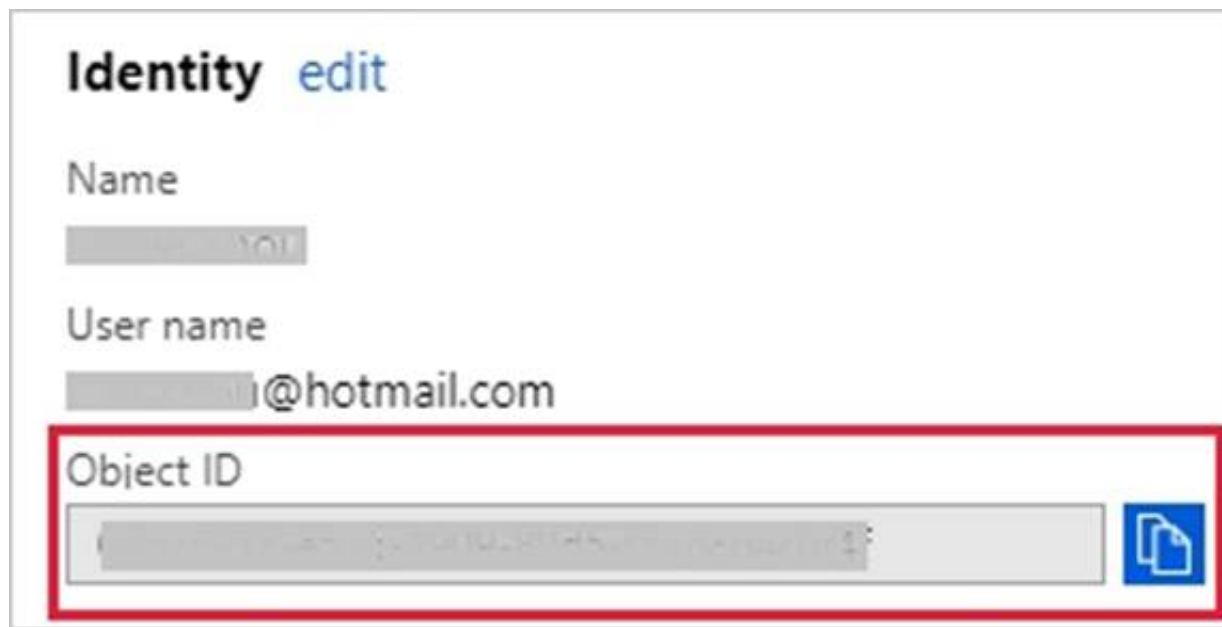
? Click Enter.

? In the Manage menu, select Users.

? In the name field, search for your account.

? In the Name column, select the link to your account.

? In the Identity section, copy the Object ID.



Step 3: a RBAC binding

NEW QUESTION 165

DRAG DROP - (Topic 4)

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: User Flows

The User Flows tool visualizes how users navigate between the pages and features of your site. It's great for answering questions like:

How do users navigate away from a page on your site? What do users click on a page on your site?

Where are the places that users churn most from your site?

Are there places where users repeat the same action over and over? Box 2: Users

Counting Users: The user behavior analytics tools don't currently support counting users or sessions based on properties other than anonymous user ID, authenticated user ID, or session ID.

Box 3: Impact

Impact analyzes how load times and other properties influence conversion rates for various parts of your app. To put it more precisely, it discovers how any dimension of a page view, custom event, or request affects the usage of a different page view or custom event.

NEW QUESTION 168

- (Topic 4)

You have a GitHub repository that contains multiple versions of an Azure Pipelines template. You plan to deploy multiple pipelines that will use a template stored in the repository. You need to ensure that you use a fixed version of the template. What should you use to reference which version of the template repository to use?

- A. the runner
- B. the branch
- C. the SHA-based hashes
- D. the serial

Answer: B

NEW QUESTION 170

- (Topic 4)

Note: This question is part of * 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 sett 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 poky stating that approvals must occur within eighthour.

You discover that deployments 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 Post-deployment conditions, you modify the Time between re-evaluation of gates option.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Use a gate From Pre-deployment conditions instead.

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

NEW QUESTION 175

- (Topic 4)

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 D18912E1457D5D1DDCBD40AB3BF70D5D

Answer: B

Explanation:

The Azure Artifacts Credential Provider automates the acquisition of credentials needed to restore NuGet packages as part of your .NET development workflow. It integrates with MSBuild, dotnet, and NuGet(.exe) and works on Windows, Mac, and Linux. Any time you want to use packages from an Azure Artifacts feed, the Credential Provider will automatically acquire and securely store a token on behalf of the NuGet client you're using.

Reference:

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

NEW QUESTION 180

- (Topic 4)

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 DevOps, configure the Notifications settings for Project1.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Notifications help you and your team stay informed about activity that occurs within your projects in Azure DevOps. You can get notified when changes occur to the following items:

- ? work items
- ? code reviews
- ? pull requests
- ? source control files
- ? builds

Reference:

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

NEW QUESTION 185

- (Topic 4)

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: CE

Explanation:

References:

<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 187

- (Topic 4)
 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: template1.yml - task: MyTask@1 - script: echo Done`
- B. `extends: template: template1.yml parameters: usersteps: - task: MyTask@1 - script: echo Done`
- C. `parameters: usersteps: - template: template1.yml - task: MyTask@1 - script: echo Done`
- D. `template: template1.yml parameters: usersteps: - task: MyTask@1 - script: echo Done`

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

Answer: B

NEW QUESTION 188

DRAG DROP - (Topic 4)
 You are building an application that has the following assets:

- ? Source code
- ? Logs from automated tests and builds
- ? Large and frequently updated binary assets
- ? A common library used by multiple applications

Where should you store each asset? To answer, drag the appropriate Azure services to the correct assets. Each service may be used once. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Azure Services

Azure Artifacts

Azure Pipelines

Azure Repos

Azure Storage

Azure Test Plans

Answer Area

Source code:

A common library used by multiple applications:

Logs from automated tests and builds:

Large and frequently updated binary assets:

Azure Service

Azure Service

Azure Service

Azure Service

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Azure Repos Box 2: Azure Artifacts
Use Azure Artifacts to create, host, and share packages with your team.
Box 3: Azure Pipelines
In the pipeline view you can see all the stages and associated tests. The view provides a summary of the test results
Box 4: Azure Storage

NEW QUESTION 189

HOTSPOT - (Topic 4)
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 m 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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Microsoft Visual Studio App Center distribution Groups
Distribution Groups are used to control access to releases. A Distribution Group represents a set of users that can be managed jointly and can have common access to releases. Example of Distribution Groups can be teams of users, like the QA Team or External Beta Testers or can represent stages or rings of releases, such as Staging.
Box 2: Shared
Shared distribution groups are private or public distribution groups that are shared across multiple apps in a single organization. Shared distribution groups eliminate the need to replicate distribution groups across multiple apps.
Note: With the Deploy with App Center Task in Visual Studio Team Services, you can deploy your apps from Azure DevOps (formerly known as VSTS) to App Center. By deploying to App Center, you will be able to distribute your builds to your users.
References: <https://docs.microsoft.com/en-us/appcenter/distribution/groups>

NEW QUESTION 190

- (Topic 4)
You are automating the testing process for your company. You need to automate UI testing of a web application. Which framework should you use?

- A. JaCoco
- B. Playwright
- C. Xamarin.UITest
- D. Microsoft.CodeAnalysis

Answer: B

Explanation:

Performing user interface (UI) testing as part of the release pipeline is a great way of detecting unexpected changes, and need not be difficult. Selenium can be used to test your website during a continuous deployment release and test automation.
References:
<https://docs.microsoft.com/en-us/azure/devops/pipelines/test/continuous-test-selenium?view=azure-devops>

NEW QUESTION 193

DRAG DROP - (Topic 4)
You need to recommend project metrics for dashboards in Azure DevOps.
Which chart widgets should you recommend for each metric? To answer, drag the appropriate chart widgets to the correct metrics. Each chart widget 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.

Burndown	The elapsed time from the creation of work items to their completion:	
Cycle Time		
Lead Time	The elapsed time to complete work items once they are active:	
Velocity	The remaining work:	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application, chat or text message Description automatically generated

Box 1: Lead time

Lead time measures the total time elapsed from the creation of work items to their completion.

Box 2: Cycle time

Cycle time measures the time it takes for your team to complete work items once they begin actively working on them.

Box 3: Burn down

Burn down charts focus on remaining work within a specific time period.

NEW QUESTION 197

- (Topic 4)

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: A

Explanation:

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 201

- (Topic 4)

You plan to publish build artifacts by using an Azure pipeline.

You need to create an .artifactignore file that meets the following requirements:

- Includes all files in the build output folder and all subfolders
- Excludes files that have the .dll extension What should you include in the file?

- A.

```
./**
!*.dll
```
- B.

```
**/*
!*.dll
```
- C.

```
*/**
*.dll
```
- D.

```
**/*
#*.dll
```

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

Answer: B

NEW QUESTION 206

DRAG DROP - (Topic 3)

You need to configure authentication for App1. The solution must support the planned changes.

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

Actions Commands Cmdlets Statements

Create an app.

Add a secret.

Create a credential.

Configure the ID and secret for App1.

Create a managed service identity.

Answer Area

⬅️

➡️

⬆️

⬆️

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Woodgrove Bank plans to implement the following changes to the identity environment:
? Configure App1 to use a service principal.

NEW QUESTION 210

- (Topic 3)
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

Explanation:
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 215

HOTSPOT - (Topic 2)
How should you configure the filters for the Project5 trigger? To answer, select the appropriate option in the answer area.
NOTE: Each correct selection is worth one point.

Set a

▼

branch filter to exclude

branch filter to include

path filter to exclude

path filter to include

/folder1.

Set a

▼

branch filter to exclude

branch filter to include

path filter to exclude

path filter to include

/.

@

- A. Mastered

B. Not Mastered

Answer: A

Explanation:

Project5 will contain a Git repository in Azure Reports and a continuous integration trigger that will initiate a build in response to any change except for changes within /folder1 of the repository.

Scenario:
References: <https://docs.microsoft.com/en-us/azure/devops/pipelines/build/triggers>

NEW QUESTION 220

DRAG DROP - (Topic 2)

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 in the correct order.

Actions	Answer Area
Create a fork	
Create a branch	
Add a build validation policy.	⬅
Add a build policy	➡
Create a repository	⬆
Add an application access policy.	⬇

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Step 1: Create a repository
A Git repository, or repo, is a folder that you've told Git to help you track file changes in. You can have any number of repos on your computer, each stored in their own folder.
Step 2: Create a branch
Branch policies help teams protect their important branches of development. Policies enforce your team's code quality and change management standards.
Step 3: Add a build validation policy
When a build validation policy is enabled, a new build is queued when a new pull request is created or when changes are pushed to an existing pull request targeting this branch. The build policy then evaluates the results of the build to determine whether the pull request can be completed.
Scenario:
Implement a code flow strategy for Project2 that will: Enable Team2 to submit pull requests for Project2.
Enable Team2 to work independently on changes to a copy of Project2.
Ensure that any intermediary changes performed by Team2 on a copy of Project2 will be subject to the same restrictions as the ones defined in the build policy of Project2.

Project2 will use an automatic build policy. A small team of developers named Team2 will work independently on changes to the project. The Team2 members will not have permissions to Project2.

References: <https://docs.microsoft.com/en-us/azure/devops/repos/git/manage-your-branches>

NEW QUESTION 224

HOTSPOT - (Topic 1)

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: A source control system

A source control system, also called a version control system, allows developers to collaborate on code and track changes. Source control is an essential tool for multi- developer projects.

Box 2: A hosted service

To build and deploy Xcode apps or Xamarin.iOS projects, you'll need at least one macOS agent. If your pipelines are in Azure Pipelines and a Microsoft-hosted agent meets your needs, you can skip setting up a self-hosted macOS agent.

Scenario: The investment planning applications suite will include one multi-tier web application and two iOS mobile applications. One mobile application will be used by employees; the other will be used by customers.

References:

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

NEW QUESTION 225

HOTSPOT - (Topic 1)

HOTSPOT

You have an Azure virtual machine named VM1 that runs Linux.

You plan to deploy the Desired State Configuration (DSC) extension to VM1. You need to grant the Log Analytics agent the appropriate directory permissions.

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

NOTE: Each correct selection is worth one point.

setfacl -m u:omsagent:

r

X

rx

rwX

/lib

/etc

/tmp

/usr

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: rwX

The Log Analytics agent for Linux runs as the omsagent user. To grant >write permission to the omsagent user, run the command setfacl -m u:omsagent:rwX /tmp.

Box 2: /tmp

Deploying DSC to a Linux node uses the /tmp folder.

NEW QUESTION 226

- (Topic 1)

You have a project in Azure DevOps.

You plan to deploy a self-hosted agent by using an unattended configuration script. Which two values should you define in the configuration script? Each correct answer

presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. authorization credentials
- B. the project name
- C. the deployment group name
- D. the organization URL
- E. the agent pool name

Answer: CE

Explanation:

Unattended config:
The agent can be set up from a script with no human intervention. You must pass -- unattended and the answers to all questions.
To configure an agent, it must know the URL to your organization or collection and credentials of someone authorized to set up agents. All other responses are optional. Reference:
<https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/v2-windows>

NEW QUESTION 231

DRAG DROP - (Topic 1)
Which package feed access levels should be assigned to the Developers and Team Leaders groups for the investment planning applications suite? 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.

Access Levels

Collaborator

Contributor

Owner

Reader

Answer Area

Developers:

Team Leaders:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Box 1: Reader
Members of a group named Developers must be able to install packages.
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.
Box 2: Owner
Members of a group named Team Leaders must be able to create new packages and edit the permissions of package feeds.

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

NEW QUESTION 234

- (Topic 4)
You have an app named App1 that you release by using Azure Pipelines. App1 has the versions shown in the following table.
You complete a code change to fix a bug that was introduced in version 3.4.3. Which version number should you assign to the release?

- A. 3.4.4
- B. 3.4.8
- C. 3.5.0
- D. 4.0.1

Answer: D

NEW QUESTION 239

- (Topic 4)

Your company plans to use an agile approach to software development

You need to recommend an application to provide communication between members of the development team who work in locations around the world. The application must meet the following requirements:

- Provide the ability to isolate the members of efferent project teams into separate communication channels and to keep a history of the chats within those channels.
- Be available on Windows 10, Mac OS, iOS, and Android operating systems.
- Provide the ability to add external contractors and suppliers to projects.
- Integrate directly with Azure DevOps. What should you recommend?

- A. Octopus
- B. Bamboo
- C. Microsoft Project
- D. Slack

Answer: D

Explanation:

Slack is a popular team collaboration service that helps teams be more productive by keeping all communications in one place and easily searchable from virtually anywhere. All your messages, your files, and everything from Twitter, Dropbox, Google Docs, Azure DevOps, and more all together. Slack also has fully native apps for iOS and Android to give you the full functionality of Slack wherever you go.

Integrated with Azure DevOps

This integration keeps your team informed of activity happening in its Azure DevOps projects. With this integration, code check-ins, pull requests, work item updates, and build events show up directly in your team's Slack channel.

Note: Microsoft Teams would also be a correct answer, but it is not an option here. References:

<https://marketplace.visualstudio.com/items?itemName=ms-vsts.vss-services-slack>

NEW QUESTION 242

- (Topic 4)

You are designing an Azure DevOps strategy for your company's development team. You suspect that the team's productivity is low due to accumulate technical debt. You need to recommend a metric to assess the amount of the team's technical debt. What should you recommend?

- A. the number of code modules in an application
- B. the number of unit test failures
- C. the percentage of unit test failures
- D. the percentage of overall time spent on rework

Answer: D

NEW QUESTION 244

DRAG DROP - (Topic 4)

You have an app named App1. You have a Log Analytics workspace named Workspace 1 that contains two tables named Events and Logs. App1 manages events in multiple locations and writes togs to Workspace1.

You need to query Workspace1 for all log entries related to Asia that occurred during the last two days.

In which order should you arrange the query statements? To answer, move all statements from the let of statements to the answer area and arrange them in the correct order.

Statements	Answer Area
join (Events	
) on RequestId	
where Timestamp > ago(2d)	
where continent == 'Asia'	
Logs	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Answer Area
join (Events	Logs
) on RequestId	where Timestamp > ago(2d)
where Timestamp > ago(2d)	where continent == 'Asia'
where continent == 'Asia'	join (Events
Logs) on RequestId

NEW QUESTION 248

- (Topic 4)
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. synthetic monitoring
- B. Alert Management
- C. analytics
- D. directed monitoring

Answer: C

Explanation:
An analytics feature in a monitoring solution would allow you to parse logs from multiple sources and analyze them to identify the root cause of issues in your Azure pipelines. This feature would typically provide tools for searching, filtering, and visualizing log data, as well as for identifying patterns and anomalies. With analytics, you can also create custom dashboards and alerts to monitor your pipelines and quickly identify and troubleshoot any issues.

NEW QUESTION 251

- (Topic 4)
Your company is building a mobile app that targets Android devices and OS devices. Your team uses Azure DevOps to manage all work items and release cycles. You need to recommend a solution to perform the following tasks:

- Collect crash reports for issue analysis
- Distribute beta releases to your testers.
- Get user feedback on the functionality of new apps. What should you include in the recommendation?

- A. Jenkins integration
- B. Azure Application Insights widgets
- C. the Microsoft Test & Feedback extension
- D. Microsoft Visual Studio App Center integration

Answer: D

Explanation:
The "Exploratory Testing" extension is now "Test & Feedback" and is now Generally Available. Anyone can now test web apps and give feedback, all directly from the browser on any platform: Windows, Mac, or Linux. Available for Google Chrome and Mozilla Firefox (required version 50.0 or above) currently. Support for Microsoft Edge is in the pipeline and will be enabled once Edge moves to a Chromium-compatible web platform.
References:
<https://marketplace.visualstudio.com/items?itemName=ms.vss-exploratorytesting-web>

NEW QUESTION 253

DRAG DROP - (Topic 4)
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 endpoint. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or soon to view content
NOTE: Each correct selection n worth one point.

Components	Answer Area
A deployment group	
A management group	Ten virtual machines hosted in Azure: <input type="text"/>
A resource group	Ten virtual machines hosted in an on-premises data center environment: <input type="text"/>
Application roles	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Box 1: A deployment group
When authoring an Azure Pipelines or TFS Release pipeline, you can specify the deployment targets for a job using a deployment group.
If the target machines are Azure VMs, you can quickly and easily prepare them by installing the Azure Pipelines Agent Azure VM extension on each of the VMs, or by using the Azure Resource Group Deployment task in your release pipeline to create a deployment group dynamically.
Box 2: A deployment group
References: <https://docs.microsoft.com/en-us/azure/devops/pipelines/release/deployment-groups>

NEW QUESTION 256

SIMULATION - (Topic 4)

You have an Azure function hosted in an App Service plan named az400-9940427-func1.

You need to configure az400-9940427-func1 to upgrade the functions automatically whenever new code is committed to the master branch of <https://github.com/Azure-Samples/functions-quickstart>.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- * 1. Open Microsoft Azure Portal
- * 2. Log into your Azure account, select App Services in the Azure portal left navigation, and then select configure az400-9940427-func1.
- * 3. On the app page, select Deployment Center in the left menu.
- * 4. On the Build provider page, select Azure Pipelines (Preview), and then select Continue.
- * 5. On the Configure page, in the Code section:
For GitHub, drop down and select the Organization, Repository, and Branch you want to deploy continuously.
- * 6. Select Continue.
- * 7. On the Test page, choose whether to enable load tests, and then select Continue.
- * 8. Depending on your App Service plan pricing tier, you may see a Deploy to staging page. Choose whether to enable deployment slots, and then select Continue.
- * 9. After you configure the build provider, review the settings on the Summary page, and then select Finish.

References:

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

NEW QUESTION 259

- (Topic 4)

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 Sonar Rube.
- C. Integrate Azure DevOps and Azure Dev Test Labs.

Answer: B

Explanation:

You can manage technical debt with Sonar Rube 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/>

NEW QUESTION 260

HOTSPOT - (Topic 4)

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

Name	Type
DF1	Azure Data Factory
SQL1	Azure SQL Database
KV1	Azure Key Vault

You plan to create a linked service in DF1. The linked service will connect to SQL1 by using Microsoft SQL Server authentication. The password for the SQL Server login will be stored in KV1.

You need to configure DF1 to retrieve the password when the data factory connects to SQL1. The solution must use the principle of least privilege.

How should you configure DF1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Permission type:

Key
Secret
Certificate

Access method:

Access policy
Service endpoint policy
Role-based access control (RBAC)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Secret

Store credential in Azure Key Vault by reference secret stored in key vault.

To reference a credential stored in Azure Key Vault, you need to:

? Retrieve data factory managed identity

? Grant the managed identity access to your Azure Key Vault. In your key vault -> Access policies -> Add Access Policy, search this managed identity to grant Get permission in Secret permissions dropdown. It allows this designated factory to access secret in key vault.

? Create a linked service pointing to your Azure Key Vault.

? Create data store linked service, inside which reference the corresponding secret stored in key vault.

Box 2: Access policy

NEW QUESTION 263

- (Topic 4)

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 Azure pipeline that is used to deploy a web app. The pipeline includes a test suite named TestSuite1. TestSuite1 is used to validate the operations of the web app.

TestSuite1 fails intermittently.

You identify that the failures are unrelated to changes in the source code and execution environment.

You need to minimize troubleshooting effort for the TestSuite1 failures. Solution: You implement the Test Results Trend widget.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 266

- (Topic 4)

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 Azure pipeline that is used to deploy a web app. The pipeline includes a test suite named TestSuite1. TestSuite1 is used to validate the operations of the web app.

TestSuite1 fails intermittently.

You identify that the failures are unrelated to changes in the source code and execution environment.

You need to minimize troubleshooting effort for the TestSuite1 failures. Solution: You enable flaky test management.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 269

- (Topic 4)

Your company implements an Agile development methodology. You plan to implement retrospectives at the end of each sprint.

Which three questions should you include? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Who performed well?
- B. Who should have performed better?
- C. What could have gone better?
- D. What went well?
- E. What should we try next?

Answer: CDE

Explanation:
<https://www.scrum.org/resources/what-is-a-sprint-retrospective>

NEW QUESTION 274

DRAG DROP - (Topic 4)

You have an Azure Repos repository named repo1. You delete a branch named features/feature11. You need to recover the deleted branch. Which three commands should you 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.

Commands

git restore <SHA1>

git stash

git log

git checkout <SHA1>

git branch features/feature11

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Commands

git restore <SHA1>

git stash

git log

git checkout <SHA1>

git branch features/feature11

Answer Area

>

<

git log

git checkout <SHA1>

git branch features/feature11

NEW QUESTION 275

- (Topic 4)

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: D


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


NEW QUESTION 280

DRAG DROP - (Topic 4)

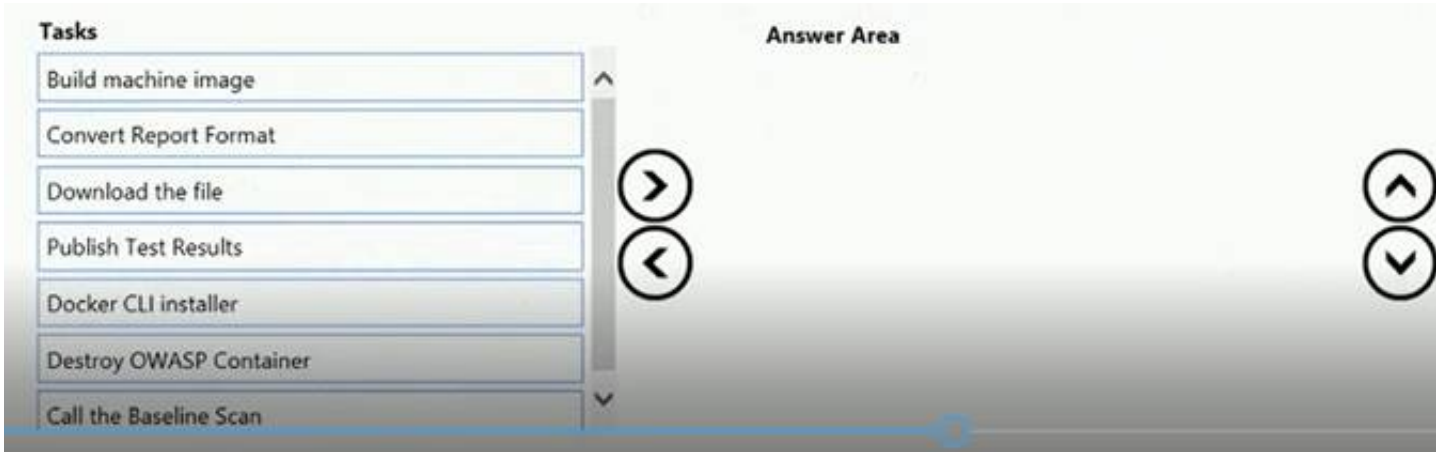
You have an Azure DevOps release pipeline as shown in the following exhibit.

 Create Resource Group (if not created)
Azure CLI

 Create Storage Account (if not created)
Azure CLI

 Create OWASP Container
Azure CLI

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.

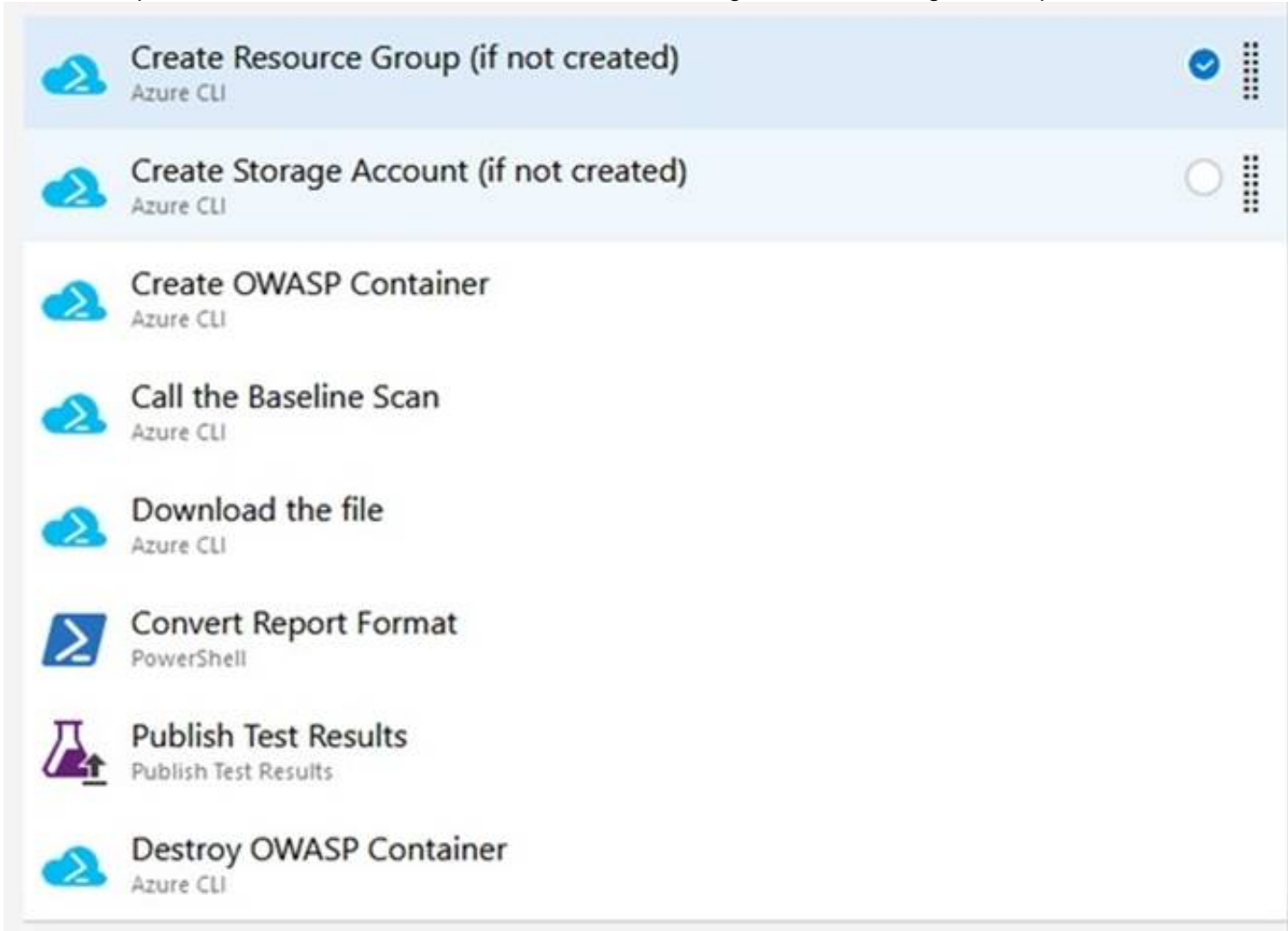


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Defining the Release Pipeline
Once the application portion of the Release pipeline has been configured, the security scan portion can be defined. In our example, this consists of 8 tasks, primarily using the Azure CLI task to create and use the ACI instance (and supporting structures). Otherwise specified, all the Azure CLI tasks are Inline tasks, using the default configuration options.



NEW QUESTION 281

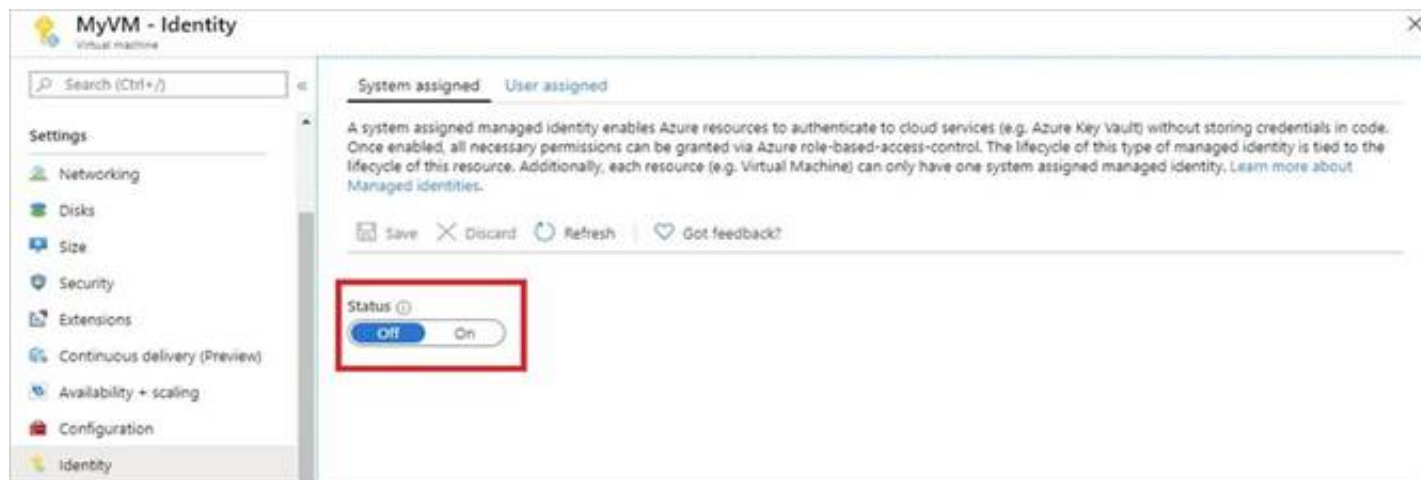
SIMULATION - (Topic 4)
You need to configure a virtual machine named VM1 to securely access stored secrets in an Azure Key Vault named az400-11566895-kv. To complete this task, sign in to the Microsoft Azure portal.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

You can use a system-assigned managed identity for a Windows virtual machine (VM) to access Azure Key Vault.
? Sign in to Azure portal
? Locate virtual machine VM1.
? Select Identity
? Enable the system-assigned identity for VM1 by setting the Status to On.



Note: Enabling a system-assigned managed identity is a one-click experience. You can either enable it during the creation of a VM or in the properties of an existing VM.

NEW QUESTION 283

- (Topic 4)

You use Calendar Versioning (CalVer) for code assets.

You need to store an optional tag of beta as part of the version. Which part of the version should you use for the tag?

- A. micro
- B. minor
- C. major
- D. modifier

Answer: D

NEW QUESTION 288

SIMULATION - (Topic 4)

You have a web app that connects to an Azure SQL Database named db1.

You need to configure db1 to send Query Store runtime statistics to Azure Log Analytics. To complete this task, sign in to the Microsoft Azure portal.

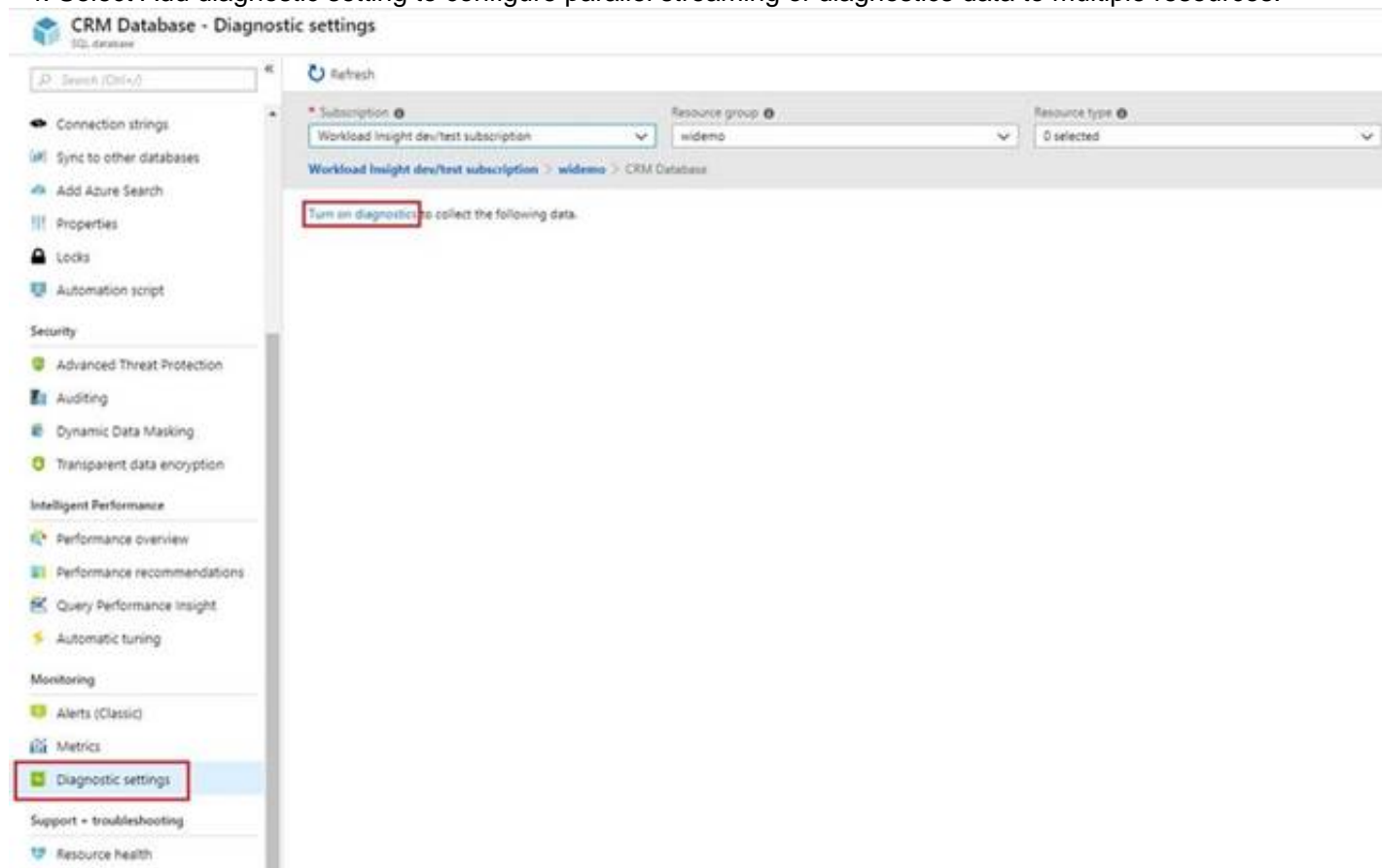
A.

Answer: Seesolutionbelow.

Explanation:

To enable streaming of diagnostic telemetry for a single or a pooled database, follow these steps:

- * 1. Go to Azure SQL database resource.
- * 2. Select Diagnostics settings.
- * 3. Select Turn on diagnostics if no previous settings exist, or select Edit setting to edit a previous setting. You can create up to three parallel connections to stream diagnostic telemetry.
- * 4. Select Add diagnostic setting to configure parallel streaming of diagnostics data to multiple resources.



- * 5. Enter a setting name for your own reference.
- * 6. Select a destination resource for the streaming diagnostics data: Archive to storage account, Stream to an event hub, or Send to Log Analytics.
- * 7. For the standard, event-based monitoring experience, select the following check boxes for database diagnostics log telemetry: QueryStoreRuntimeStatistics

Diagnostics settings

Save Discard Delete

Name

service

☐ Archive to a storage account

☐ Stream to an event hub

☒ Send to Log Analytics

Subscription

Workload Insight dev/test subscription

Log Analytics Workspace

sqlanalytics356 (westcentralus)

LOG

☒ SQLInsights

☒ AutomaticTuning

☒ QueryStoreRuntimeStatistics

☒ QueryStoreWaitStatistics

☒ Errors

☒ DatabaseWaitStatistics

☒ Timeouts

☒ Blocks

☒ Deadlocks

METRIC

☒ Basic

- * 8. For an advanced, one-minute-based monitoring experience, select the check box for Basic metrics.
- * 9. Select Save.

NEW QUESTION 290

- (Topic 4)

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

Explanation:

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 293

- (Topic 4)

You are evaluating the use of code review assignments in GitHub.

Which two requirements can be met by using code review assignments? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point

- A. Automatically choose and assign reviewers based on a list of available personnel
- B. Automatically choose and assign reviewers based on who has the most completed review requests.
- C. Ensure that each team member reviews an equal number of pull requests during any 30-day period.
- D. Automatically choose and assign reviewers based on who received the least recent review requests.

Answer: AC

NEW QUESTION 297

- (Topic 4)

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

Explanation:

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.

References:

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

NEW QUESTION 298

- (Topic 4)

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

Explanation:

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 301

DRAG DROP - (Topic 4)

You use Semantic Versioning (Sem Ver) as a dependency versioning strategy. You perform changes to code as shown in the following table.

Name	New functionality	Change incompatibility
Change1	Yes	Minor
Change2	Yes	Significant
Change3	No	Minor

Which part of the version should you increment for each change? To answer, drag the appropriate parts to the correct changes. Each part 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.

Parts	Answer Area
Major	Change1: <input type="text"/>
Minor	Change2: <input type="text"/>
Patch	Change3: <input type="text"/>

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Parts

Major

Minor

Patch

Answer Area

Change1: Minor

Change2: Patch

Change3: Patch

NEW QUESTION 305

- (Topic 4)
You have the services shown in the following table.

Name	Interface type
Service1	HTTP
Service2	HTTPS

You manage a project by using Azure Boards.
You need to notify the services Of build Status changes. Which services can be notified by using a web hook?

- A. Service1 only
- B. Service2 only
- C. Service1 and Service2 only

Answer: C

NEW QUESTION 309

- (Topic 4)
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.

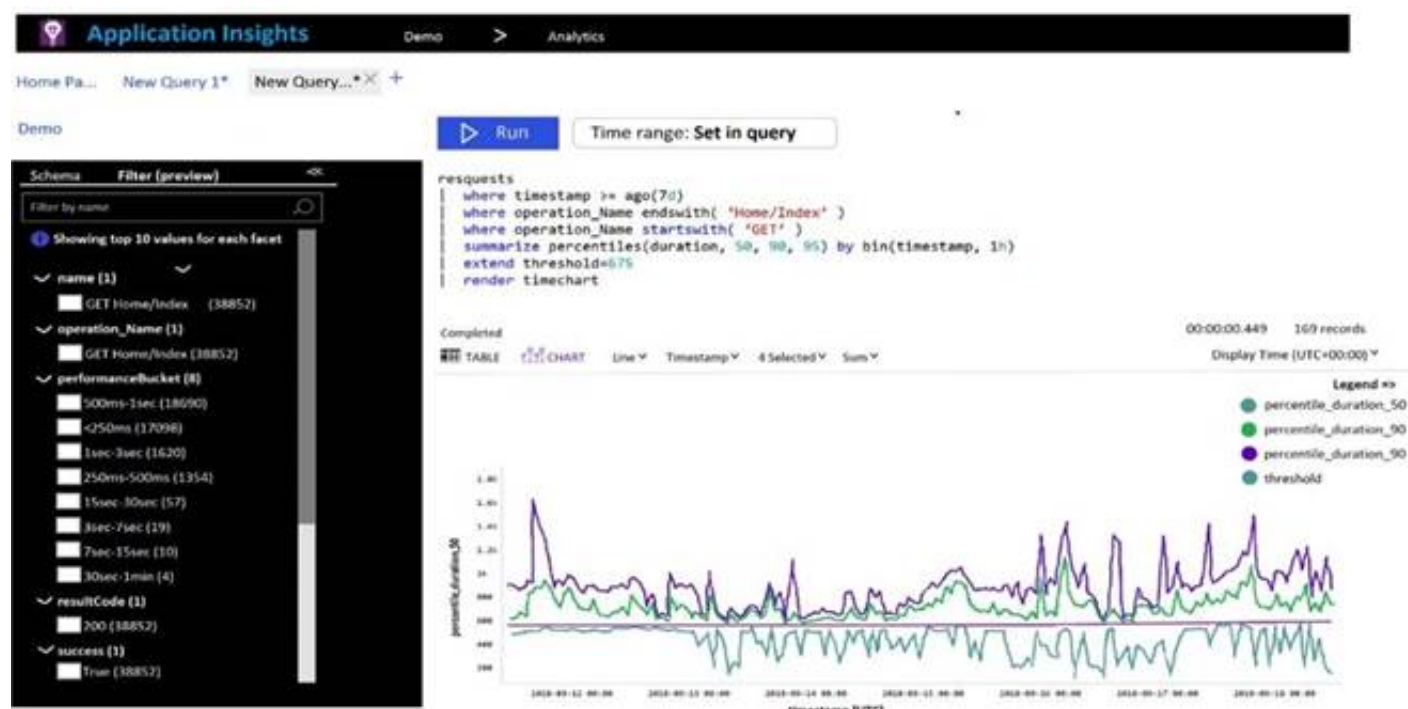
Answer: D

Explanation:

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

NEW QUESTION 313

HOTSPOT - (Topic 4)
You plan to create alerts that will be triggered based on the page load performance of a home page.
You have the Application Insights log query shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
 NOTE: Each correct selection is worth one point.

To create an alert based on the page load experience of most users, the alerting level must be based on [answer choice].

	▼
percentile_duration_50	
percentile_duration_90	
percentile_duration_95	
threshold	

To only create an alert when authentication error occurs on the server, the query must be filtered on [answer choice].

	▼
item Type	
resultCode	
source	
success	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: percentile_duration_95
 Box 2: resultCode

NEW QUESTION 317

- (Topic 4)

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

Explanation:

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. References: <https://docs.microsoft.com/en-us/azure/devops/articles/security-validation-cicd-pipeline?view=vsts>

NEW QUESTION 320

- (Topic 4)

Your company has an Azure DevOps project,

The source code for the project is stored in an on-premises repository and uses an on-premises build server.

You plan to use Azure DevOps to control the build process on the build server by using a self-hosted agent.

You need to implement the self-hosted agent.

You download and install the agent on the build server.

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

- A. From Azure, create a shared access signature (SAS).
- B. From the build server, create a certificate, and then upload the certificate to Azure Storage.
- C. From the build server, create a certificate, and then upload the certificate to Azure Key Vault.

- D. From DevOps, create a personal access token (PAT).
- E. From the build server, run config.cmd.

Answer: DE

Explanation:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/v2-windows?view=azure-devops> (Get PAT, run config)

NEW QUESTION 322

- (Topic 4)

Your company « 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

Explanation:

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. References:

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

NEW QUESTION 327

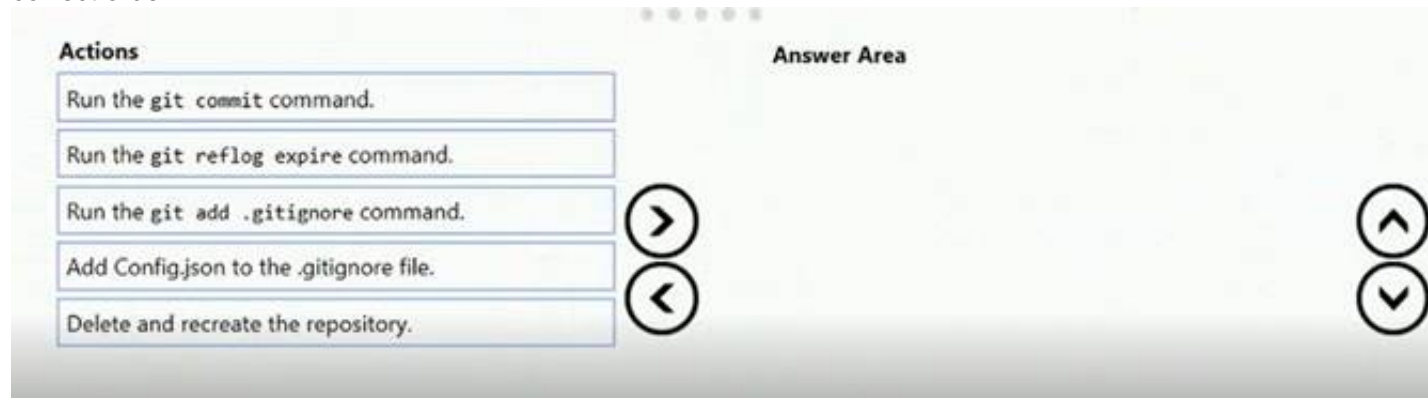
DRAG DROP - (Topic 4)

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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Delete and recreate the repository. Step 2: Add Config.json to the .gitignore file

Each line in the .gitignore excludes a file or set of files that match a pattern. Example:

ignore a single file

Config.json

Step 3: Run the git add .gitignore command

At the initial commit we want basically move from Untracked to Staged, for staging we have to indicate which file we want to move or specify a pattern, as example:

NEW QUESTION 328

- (Topic 4)

You have an application that consists of several Azure App Service web apps and Azure functions.

You need to access the security of the web apps and the functions.

Which Azure features can you use to provide a recommendation for the security of the application?

- A. Security & Compliance in Azure Log Analytics
- B. Resource health in Azure Service Health
- C. Smart Detection in Azure Application Insights
- D. Compute & apps in Azure Security Center

Answer: D

Explanation:

Monitor compute and app services: Compute & apps include the App Services tab, which App services: list of your App service environments and current security state of each.

Recommendations

This section has a set of recommendations for each VM and computer, web and worker roles, Azure App Service Web Apps, and Azure App Service Environment that Security

Center monitors. The first column lists the recommendation. The second column shows the total number of resources that are affected by that recommendation. The third column shows the severity of the issue.

NEW QUESTION 332

- (Topic 4)

You have an Azure DevOps organization named Contoso.

You need to receive Microsoft Teams notifications when work items are updated. What should you do?

- A. From Azure DevOp
- B. configure a service hook subscription.
- C. From Microsoft Teams, configure a connector.
- D. From Microsoft Teams, add a channel.
- E. From Azure DevOp
- F. install an extension.
- G. From the Microsoft Teams admin center configure external access.

Answer: A

Explanation:

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

NEW QUESTION 333

- (Topic 4)

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

Explanation:

References:

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

NEW QUESTION 335

DRAG DROP - (Topic 4)

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.

Tools	Answer Area
Impact	Feature usage: <input type="text"/>
User Flows	User actions by day: <input type="text"/>
Users	The effect that the performance of the application has on the usage of a page or a feature: <input type="text"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: User Flows

The User Flows tool visualizes how users navigate between the pages and features of your site. It's great for answering questions like:

How do users navigate away from a page on your site? What do users click on a page on your site?

Where are the places that users churn most from your site?

Are there places where users repeat the same action over and over? Box 2: Users

Box 3: Impact

NEW QUESTION 337

- (Topic 4)

You create an alert rule in Azure Monitor as shown in the following exhibit.

Which action will trigger an alert?

- A. a failed attempt to delete the ASP-9bb7 resource
- B. a change to a role assignment for the ASP-9bb7 resource
- C. a successful attempt to delete the ASP-9bb7 resource
- D. a failed attempt to scale up the ASP-9bb7 resource

Answer: A

NEW QUESTION 339

DRAG DROP - (Topic 4)

You are creating a container for an ASP.NET Core app.

You need to create a Docker file to build the image. The solution must ensure that the size of the image is minimized

How should you configure the file? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 341

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