AZ-400 Dumps

Microsoft Azure DevOps Solutions (beta)

https://www.certleader.com/AZ-400-dumps.html

NEW QUESTION 1
- (Exam Topic 4)
HOTSPOT
You need to create deployment files for an Azure Kubernetes Service (AKS) cluster. The deployments must meet the provisioning storage requirements shown in the following table.

Deployment	Requirement
Deployment 1	Use files stored on an SMB-based share from the container's file system.
Deployment 2	Use files on a managed disk from the container's file system.
Deployment 3	Securely access X.509 certificates from the container's file system.

Which resource type should you use for each deployment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Deployment 1:
- azurekeyvault-flexvolume
- blobfuse-flexvol
- kubernetes.io/azure-disk
- kubernetes.io/azure-file
- volume.beta.kubernetes.io/storage-provisioner

Deployment 2:
- azurekeyvault-flexvolume
- blobfuse-flexvol
- kubernetes.io/azure-disk
- kubernetes.io/azure-file
- volume.beta.kubernetes.io/storage-provisioner

Deployment 3:
- azurekeyvault-flexvolume
- blobfuse-flexvol
- kubernetes.io/azure-disk
- kubernetes.io/azure-file
- volume.beta.kubernetes.io/storage-provisioner

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Deployment 1: Kubernetes.io/azure-file
You can use Azure Files to connect using the Server Message Block (SMB) protocol. Deployment 2: Kubernetes.io/azure-disk
Deployment 3: azurekeyvault-flexvolume
azurekeyvault-flexvolume: Key Vault FlexVolume: Seamlessly integrate your key management systems with Kubernetes.
Secrets, keys, and certificates in a key management system become a volume accessible to pods. Once the volume is mounted, its data is available directly in the container filesystem for your application.

NEW QUESTION 2
- (Exam 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 two standalone templates, each of which will deploy the resources in its respective group. Does this meet the goal?

A. Yes
B. No

Answer: B

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

NEW QUESTION 3
- (Exam Topic 4)
You are developing a multi-tier application. The application will use Azure App Service web apps as the front end and an Azure SQL database as the back end.
The application will use Azure functions to write some data to Azure Storage.
You need to send the Azure DevOps team an email message when the front end fails to return a status code of 200.
Which feature should you use?

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

Answer: C

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

NEW QUESTION 4
- (Exam Topic 4)
You use Git for source control. You have an app named Appt.
In the main branch. you need to restore the third most recent revision of a file named App.exe.config. How should you complete command?

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 5
- (Exam Topic 4)
You need to ensure that an Azure web app named az400-9940427-main supports rolling upgrades. The solution must ensure that only 10 percent of users who connect to az400-9940427-main use update versions of the app.
The solution must minimize administrative effort.
To complete this task, sign in to the Microsoft Azure portal.
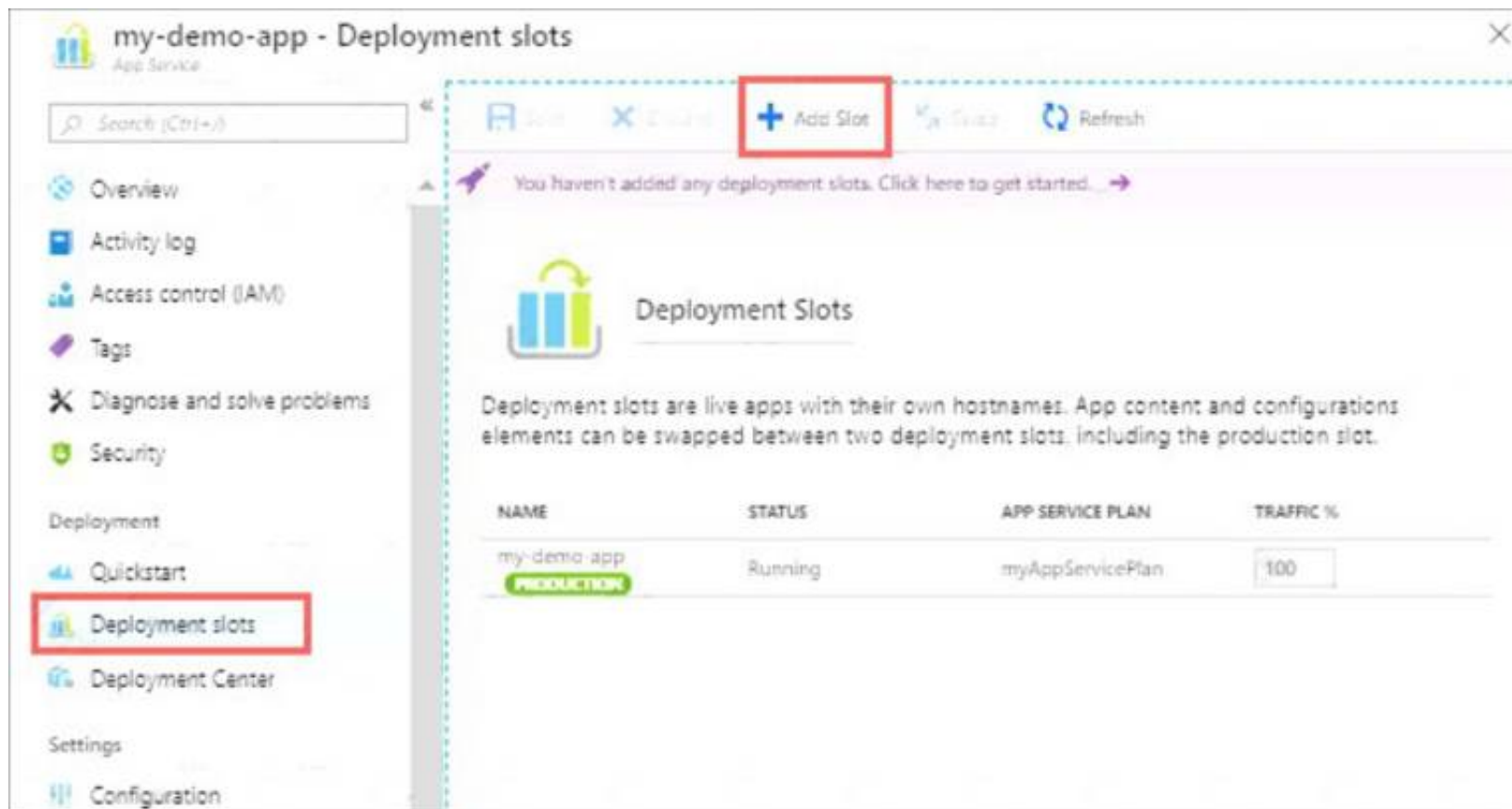
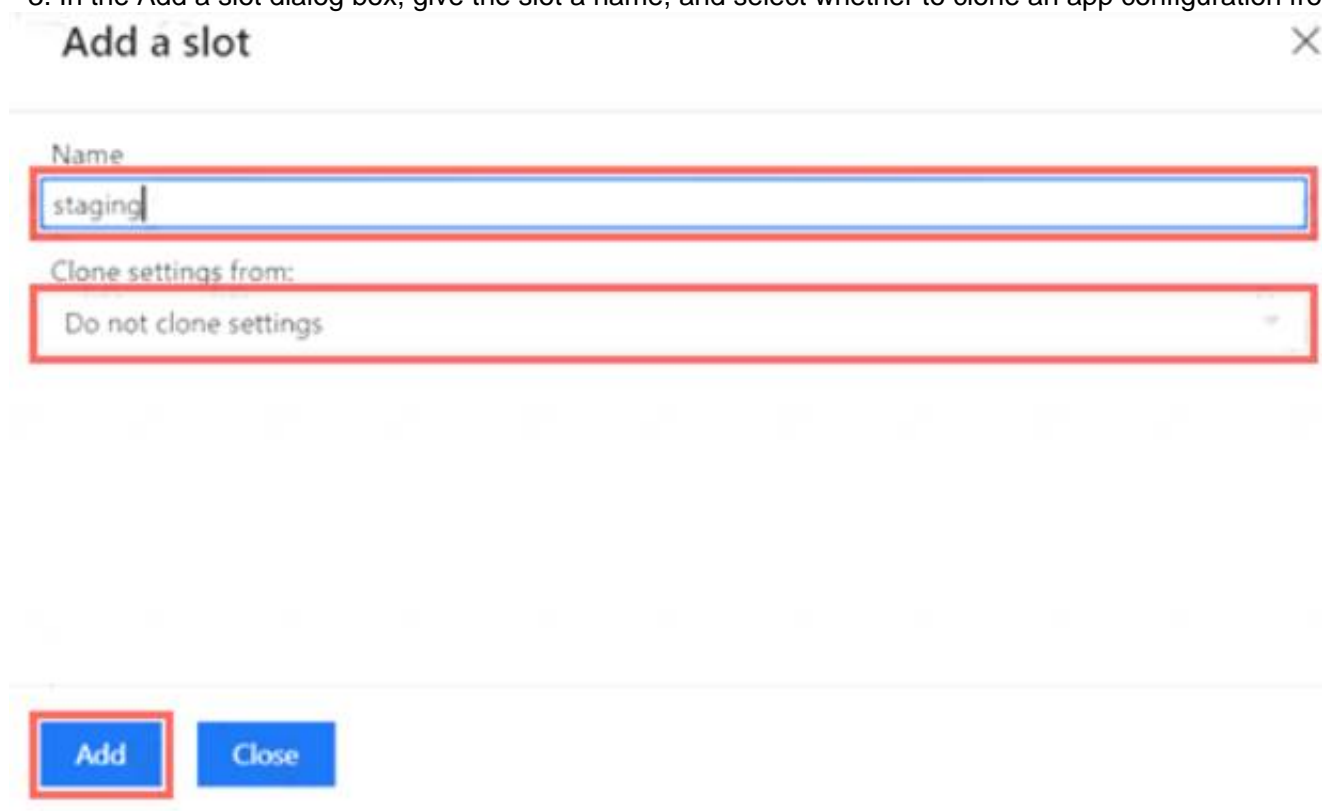A. Mastered
B. Not Mastered

Answer: A

Explanation:
Set up staging environments in Azure App Service
* 1. Open Microsoft Azure Portal
* 2. Log into your Azure account, select your app's resource page, in the left pane, select Deployment slots > Add Slot.
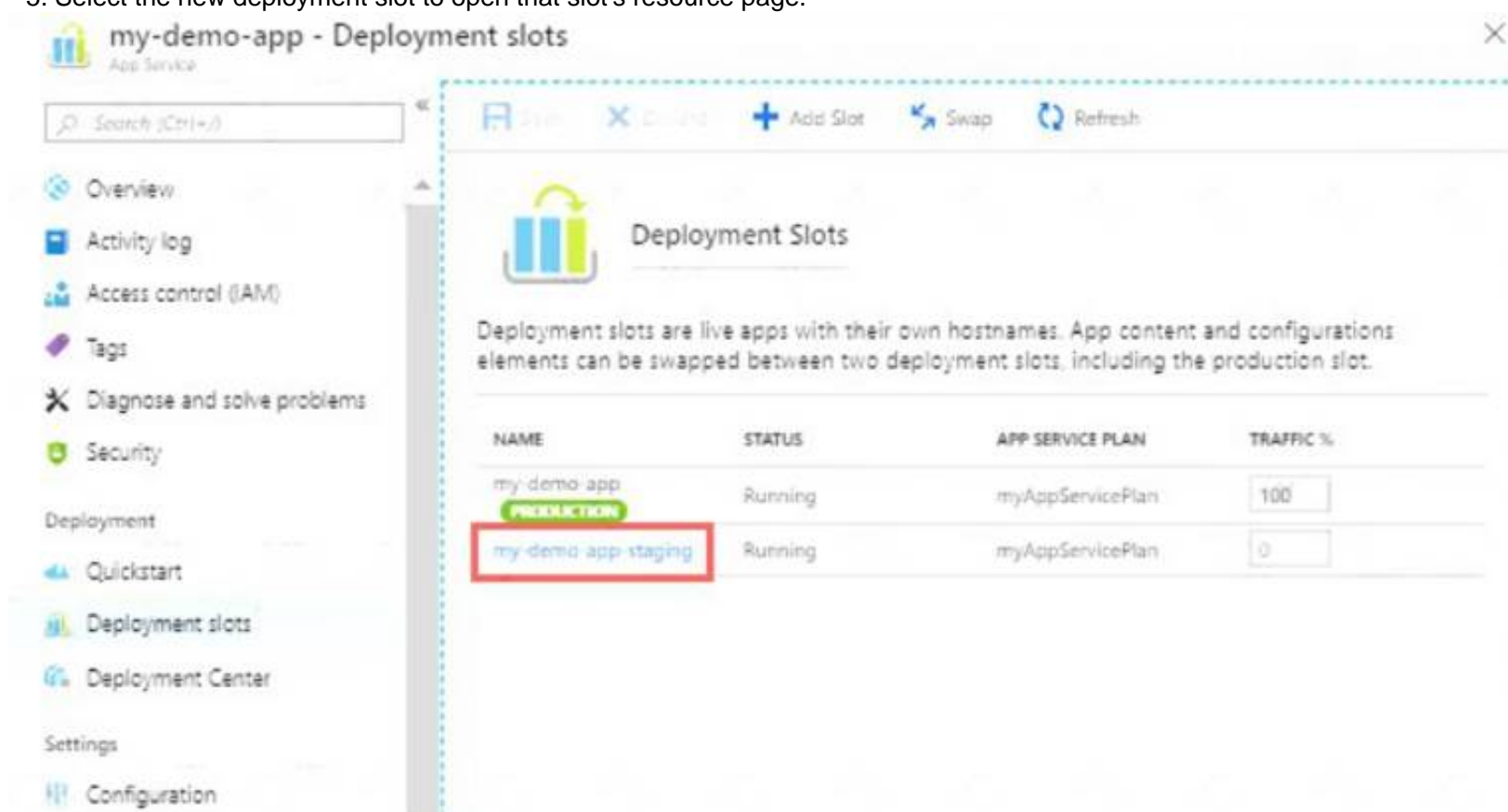
* 3. In the Add a slot dialog box, give the slot a name, and select whether to clone an app configuration from another deployment slot. Select Add to continue.

* 4. After the slot is added, select Close to close the dialog box. The new slot is now shown on the Deployment slots page. By default, Traffic % is set to 0 for the new slot, with all customer traffic routed to the production slot.
* 5. Select the new deployment slot to open that slot's resource page.

* 6. Change TRAFFIC % to 10 References:
https://docs.microsoft.com/en-us/azure/app-service/deploy-staging-slots

NEW QUESTION 6

- (Exam Topic 4)
You have an Azure subscription that contains multiple Azure pipelines.
You need to deploy a monitoring solution for the pi*lines. 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 include in the solution?

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

Answer: B

NEW QUESTION 7
- (Exam Topic 4)
You are designing the security validation strategy for a project in Azure DevOps.
You need to identify package dependencies that have known security issues and can be resolved by an update.
What should you use?

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

Answer: D

Explanation:
With enterprise level of SonarQube you can use OWASP that runs the security scans for known vulnerabilities. https://www.sonarqube.org/features/security/
https://www.sonarqube.org/features/security/owasp/?gclid=Cj0KCQiAzZL-BRDnARIsAPCJs70Teq0-efI2Hd_h

NEW QUESTION 8
- (Exam Topic 4)
Your company uses GitHub for source control. The company has a team that performs code reviews.
You need to automate the assignment of the code reviews. The solution must meet the following requirements: Prioritize the assignment of code reviews to team members who have the fewest outstanding assignments.
Ensure that each team member performs an equal number of code reviews in any 30-day period. Prevent the assignment of code reviews to the team leader.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

Answer: AE

Explanation:
A: To always skip certain members of the team, select Never assign certain team members. Then, select one or more team members you'd like to always skip. In this case select the team leader.
E: The load balance algorithm chooses reviewers based on each member's total number of recent review requests and considers the number of outstanding reviews for each member. The load balance algorithm tries to ensure that each team member reviews an equal number of pull requests in any 30 day period. Reference:
https://docs.github.com/en/organizations/organizing-members-into-teams/managing-code-review-assignment-fo

NEW QUESTION 9
- (Exam Topic 4)
You create a Microsoft ASP.NET Core application.
You plan to use Azure Key Vault to provide secrets to the application as configuration data.
You need to create a Key Vault access policy to assign secret permissions to the application. The solution must use the principle of least privilege.
Which secret permissions should you use?

A. List only
B. Get only
C. Get and List

Answer: B

Explanation:
Application data plane permissions:
➤ Keys: sign
➤ Secrets: get Reference:
https://docs.microsoft.com/en-us/azure/key-vault/key-vault-secure-your-key-vault

NEW QUESTION 10
- (Exam 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 10
- (Exam 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.
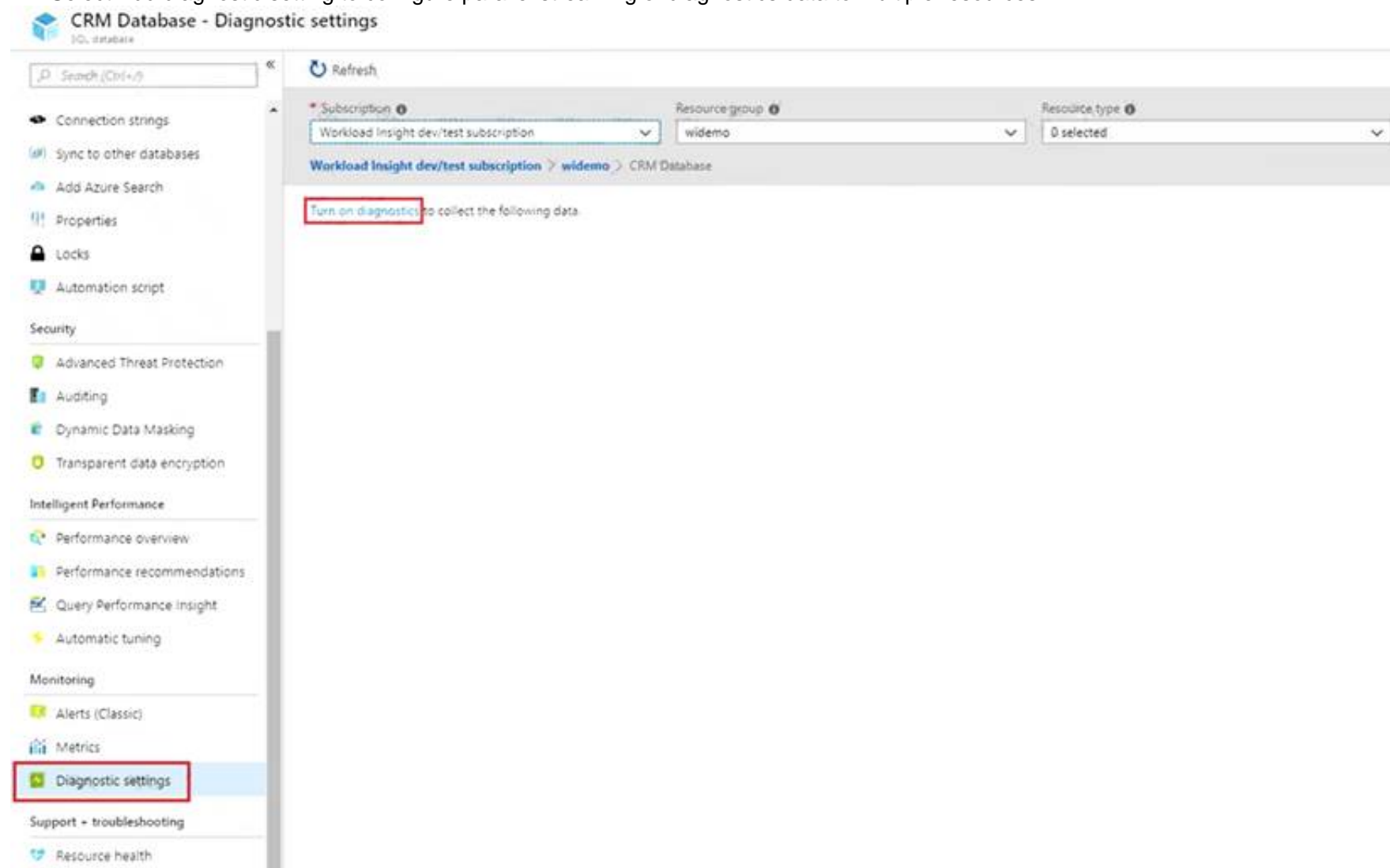
A. Mastered
B. Not Mastered

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.

* 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. Reference:
https://docs.microsoft.com/en-us/azure/azure-sql/database/metrics-diagnostic-telemetry-logging-streaming-expo

NEW QUESTION 15
- (Exam Topic 4)
You need to use Azure Automation Sure Configuration to manage the ongoing consistency of virtual machine configurations.
Which five 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.
NOTE: More than one order of answer choices in correct. You writ receive credit for any of the orders you select.

Actions   **Answer Area**

Onboard the virtual machines to Azure
Automation State Configuration.

Check the compliance status of the node.

Create a management group.

Assign the node configuration.   ❯
                                                  ❮

Compile a configuration into a node configuration.

Upload a configuration to Azure Automation State
Configuration.

Assign tags to the virtual machines.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Assign the node configuration.
You create a simple DSC configuration that ensures either the presence or absence of the Web-Server Windows Feature (IIS), depending on how you assign nodes.
Step 2: Upload a configuration to Azure Automation State Configuration. You import the configuration into the Automation account.
Step 3: Compiling a configuration into a node configuration Compiling a configuration in Azure Automation
Before you can apply a desired state to a node, a DSC configuration defining that state must be compiled into one or more node configurations (MOF document), and placed on the Automation DSC Pull Server.
Step 4: Onboard the virtual machines to Azure State Configuration
Onboarding an Azure VM for management with Azure Automation State Configuration Step 5: Check the compliance status of the node.
Viewing reports for managed nodes. Each time Azure Automation State Configuration performs a consistency check on a managed node, the node sends a status report back to the pull server. You can view these reports on the page for that node.
On the blade for an individual report, you can see the following status information for the corresponding consistency check:
The report status — whether the node is "Compliant", the configuration "Failed", or the node is "Not Compliant" (when the node is in ApplyandMonitor mode and the machine is not in the desired state).
References: https://docs.microsoft.com/en-us/azure/automation/automation-dsc-getting-started

NEW QUESTION 18
- (Exam Topic 4)
You have a multi-tier application. The front end of the application is hosted in Azure App Service. You need to identify the average load times of the application pages. What should you use?

A. the diagnostics logs of the App Service
B. Azure Application Insights
C. Azure Advisor
D. the activity log of the App Service

Answer: B

NEW QUESTION 21
- (Exam 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 25
- (Exam 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 manage a project in Azure DevOps.
You need to prevent the configuration of the project from changing over time. Solution: Implement Continuous Integration for the project.
Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:
Instead implement Continuous Assurance for the project. Reference:
https://azsk.azurewebsites.net/04-Continous-Assurance/Readme.html

NEW QUESTION 27
- (Exam Topic 4)
You have several Azure Active Directory (Azure AD) accounts.
You need to ensure that users use multi-factor authentication (MFA) to access Azure apps from untrusted networks.
What should you configure in Azure AD?

A. access reviews
B. managed identities
C. entitlement management
D. conditional access

Answer: D

Explanation:
You can configure a Conditional Access policy that requires MFA for access from untrusted networks. Reference:
https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/howto-conditional-access-policy-all

NEW QUESTION 31
- (Exam Topic 4)
You need to create a notification if the peak average response time of an Azure web app named
az400-9940427-main is more than five seconds when evaluated during a five-minute period. The notification must trigger the "https://contoso.com/notify"
webhook.
To complete this task, sign in to the Microsoft Azure portal.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. Open Microsoft Azure Portal
* 2. Log into your Azure account and go to App Service and look under Monitoring then you will see Alert.
* 3. Select Add an alert rule
* 4. Configure the alert rule as per below and click Ok. Source: Alert on Metrics
Resource Group: az400-9940427-main Resource: az400-9940427-main Threshold: 5
Period: Over the last 5 minutes Webhook: https://contoso.com/notify

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

NEW QUESTION 35
- (Exam Topic 4)
You have an Azure subscription that contains the resources shown in the following table.

Name	Type
Feed1	Azure Artifacts feed
Project1	Project in Azure DevOps

Project1 produces npm packages that are published to Feed 1. Feed1 is consumed by multiple projects. You need to ensure that only tested packages are available for consumption. The solution must minimize
development effort.
What should you do?

A. Create a feed view named @defaul
B. After the npm packages test successfully, configure a release pipeline that promotes a package to the @default view.
C. Create a feed view named release and set @release as the default vie
D. After the npm packages test successfully, configure a release pipeline that promotes a package to the @release View.
E. Create a feed view named @release and set @release as the default vie
F. After the npm packages test successfully, configure a release pipeline that tags the packages as release.
G. Create a feed view named @defaul
H. After the npm packages test successfull
I. configure a release pipeline that tags the packages as release.

Answer: C

NEW QUESTION 39
- (Exam Topic 4)
You have 50 Node.js-based projects that you scan by using WhiteSource. Each project includes Package.json, Package-lock.json, and Npm-shrinkwrap.json files.
You need to minimize the number of libraries reports by WhiteSource to only the libraries that you explicitly reference.
What should you do?

A. Configure the File System Agent plug in.
B. Delete Package lock.json.
C. Configure the Artifactory plug-in.
D. Add a devDependencies section to Package-lock.json.

Answer: D

Explanation:
Separate Your Dependencies
Within your package.json file be sure you split out your npm dependencies between devDependencies and (production) dependencies. The key part is that you must then make use of the --production flag when installing the npm packages. The --production flag will exclude all packages defined in the devDependencies section.
References:
https://blogs.msdn.microsoft.com/visualstudioalmrangers/2017/06/08/manage-your-open-source-usage-and-secu

NEW QUESTION 43
- (Exam Topic 4)
You have a project in Azure DevOps named Project1.
You need to ensure that all new pipelines in Project1 execute three specific tasks during pipeline execution. What should you create?

A. a task group
B. a JSON template
C. a YAML template
D. a PowerShell task

Answer: A

Explanation:
A task group in Azure DevOps is a collection of tasks that can be reused across multiple pipelines. You can create a task group that contains the three specific tasks that you need to execute during pipeline execution, and then reference that task group in all new pipelines in Project1. This way, you can ensure that the three specific tasks are executed in all new pipelines without having to manually add them to each pipeline.

NEW QUESTION 45
- (Exam 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 49
- (Exam Topic 4)
You use a Git repository in Azure Repos to manage the source code of a web application. Developers commit changes directly to the master branch.
You need to implement a change management procedure that meets the following requirements: The master branch must be protected, and new changes must be built in the feature branches first. Changes must be reviewed and approved by at least one release manager before each merge. Changes must be brought into the master branch by using pull requests.
What should you configure in Azure Repos? D18912E1457D5D1DDCBD40AB3BF70D5D

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

Answer: A

Explanation:
Branch policies help teams protect their important branches of development. Policies enforce your team's code quality and change management standards.
Reference:
https://docs.microsoft.com/en-us/azure/devops/repos/git/branch-policies

NEW QUESTION 54
- (Exam 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. Selenium
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 58
- (Exam Topic 4)
You mc configuring Azure DevOps build pipelines. You plan to use hosted build agents.
Which build agent pool should you use to compile each application type? To answer, drag the appropriate built agent pools to the correct application types. Each butt agent pool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Hosted macOS
Hosted macOS pool (Azure Pipelines only): Enables you to build and release on macOS without having to configure a self-hosted macOS agent. This option affects where your data is stored.
Box 2: Hosted
Hosted pool (Azure Pipelines only): The Hosted pool is the built-in pool that is a collection of Microsoft-hosted agents.

NEW QUESTION 60
- (Exam Topic 4)
You have multi-tier application that h« an Azure Web Apps front end and art Azure SQL Datable back end. You need to recommend a solution to capture and store telemetry data. The solution must meet the following requirements:

• Support using ad-hoc queries to identify baselines.
• Trigger alerts when metrics in the baseline are exceeded.
• Store application and database metrics in a central location. What should you include in the recommendation?

A. Azure Application Insights
B. Azure SQL Database Intelligent Insights
C. Azure Event Hubs
D. Azure Log Analytics

Answer: A

Explanation:
Azure Platform as a Service (PaaS) resources, like Azure SQL and Web Sites (Web Apps), can emit performance metrics data natively to Log Analytics.
The Premium plan will retain up to 12 months of data, giving you an excellent baseline ability.
There are two options available in the Azure portal for analyzing data stored in Log analytics and for creating queries for ad hoc analysis.
References: https://docs.microsoft.com/en-us/azure/azure-monitor/platform/collect-azurepass-posh

NEW QUESTION 63
- (Exam 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 68
- (Exam Topic 4)
Your company is building a new web application.
You plan to collect feedback from pilot users on the features being delivered.
All the pilot users have a corporate computer that has Google Chrome and the Microsoft Test & Feedback extension installed. The pilot users will test the application by using Chrome.
You need to identify which access levels are required to ensure that developers can request and gather feedback from the pilot users. The solution must use the principle of least privilege.
Which access levels in Azure DevOps should you identify? 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:
Graphical user interface, text, application Description automatically generated
Box 1: Basic
Assign Basic to users with a TFS CAL, with a Visual Studio Professional subscription, and to users for whom you are paying for Azure Boards & Repos in an organization.
Box 2: Stakeholder
Assign Stakeholders to users with no license or subscriptions who need access to a limited set of features. Note:
You assign users or groups of users to one of the following access levels:
Basic: provides access to most features
VS Enterprise: provides access to premium features
Stakeholders: provides partial access, can be assigned to unlimited users for free Reference:
https://docs.microsoft.com/en-us/azure/devops/organizations/security/access-levels?view=vsts

NEW QUESTION 70
- (Exam 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 72
- (Exam Topic 4)
You need to recommend a Docker container build strategy that meets the following requirements
• Minimizes image sues
• Minimizes the security surface area of the final image What should you include m the recommendation?

A. multi-stage builds
B. single-stage builds
C. PowerShell Desired State Configuration (DSC)
D. Docker Swarm

Answer: A

Explanation:
Multi-stage builds are a new feature requiring Docker 17.05 or higher on the daemon and client. Multistage builds are useful to anyone who has struggled to optimize Dockerfiles while keeping them easy to read and maintain.
References: https://docs.docker.com/develop/develop-images/multistage-build/

NEW QUESTION 73
- (Exam 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 78
- (Exam 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:
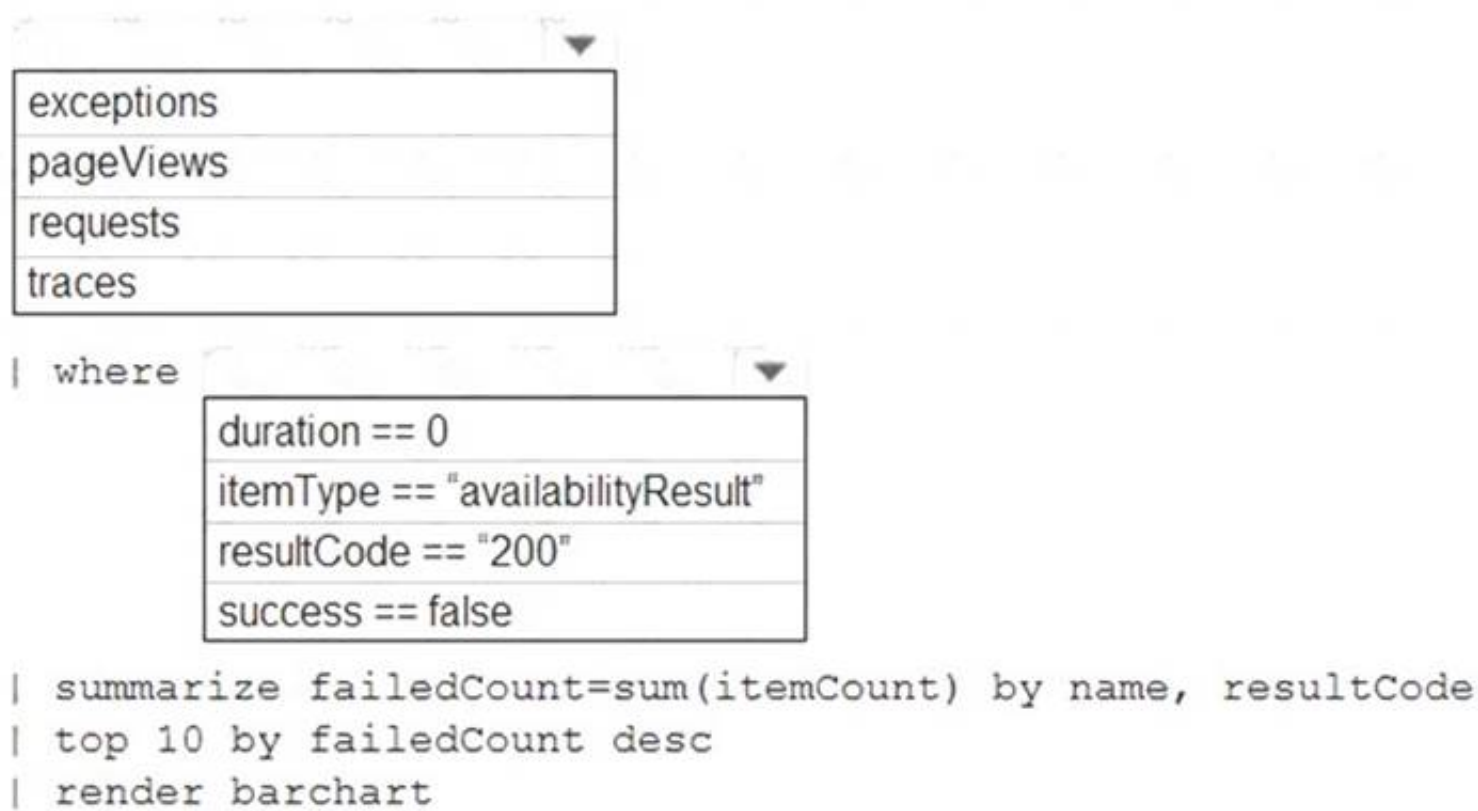https://github.com/Microsoft/artifacts-credprovider

NEW QUESTION 82
- (Exam Topic 4)
You have an Azure web app named Webapp1.
You need to use an Azure Monitor query to create a report that details the top 10 pages of Webapp1 that failed.
How should you complete the query? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
    exceptions
    pageViews
    requests
    traces

| where
    duration == 0
    itemType == "availabilityResult"
    resultCode == "200"
    success == false

| summarize failedCount=sum(itemCount) by name, resultCode
| top 10 by failedCount desc
| render barchart
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: requests
Failed requests (requests/failed):
The count of tracked server requests that were marked as failed. Kusto code:
requests
| where success == 'False' Box 2: success == false Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/app-insights-metrics

NEW QUESTION 86
- (Exam 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

| an Azure Key Vault access policy |

| a personal access token (PAT) |

| RBAC |

Answer Area

Restrict access to delete the key vault:

Restrict access to the secrets in Key Vault by using:

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 87
- (Exam 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 Reference:
https://docs.microsoft.com/en-us/azure/data-factory/store-credentials-in-key-vault

NEW QUESTION 90
- (Exam Topic 4)
You have a project in Azure DevOps named Project1 that has a release pipeline in Azure Pipeline named ReleaseP1.
you need to ensure that when a new release is generated for ReleaseP1, a new release note document is created. The release notes must contain new features and bug fixes
and bug fixes.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the Most of actions to the answer area and arrange them r
the correct order.
NOTE: More than one order of answer choices is correct You will receive credit for any of the correct orders you select

Actions:
Add a dashboard widget that retrieves the feature and bug fix information.
Create a PowerShell task in ReleaseP1 that writes the retrieved data to a markdown file.
Create a service principal.
Create a personal access token (PAT).
Create a query that retrieves the feature and bug fix information.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 92
- (Exam Topic 4)
You manage build and release pipelines by using Azure DevOps. Your entire managed environment resides in Azure.
You need to configure a service endpoint for accessing Azure Key Vault secrets. The solution must meet the following requirements:

≫ Ensure that the secrets are retrieved by Azure DevOps.

≫ Avoid persisting credentials and tokens in Azure DevOps.
How should you configure the service endpoint? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Azure Pipelines service connection
Box 2: Managed Service Identity Authentication
The managed identities for Azure resources feature in Azure Active Directory (Azure AD) provides Azure services with an automatically managed identity in Azure AD. You can use the identity to authenticate to any service that supports Azure AD authentication, including Key Vault, without any credentials in your code.
Reference:
https://docs.microsoft.com/en-us/azure/devops/pipelines/tasks/deploy/azure-key-vault https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview

NEW QUESTION 93
- (Exam 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 m.ght 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 win NOT be able to return to it. As a result, these questions win not appear in the review screen.
You integrate a cloud- hosted Jenkins server and a new Azure DevOps deployment
You need Azure DevOps to send a notification to Jenkins when a developer commits changes to a branch in Azure Repos.
Solution: You create a service hook subscription that uses the code pushed event. Does this meet the goal?

A. Yes
B. NO

Answer: A

Explanation:
You can create a service hook for Azure DevOps Services and TFS with Jenkins. References:
https://docs.microsoft.com/en-us/azure/devops/service-hooks/services/jenkins

NEW QUESTION 97
- (Exam Topic 4)
You manage projects by using Azure Boards.
You have a current work item name itemA that is dependant on a work item named item3. You need to define the dependency for itemA.
What should you do in the web portal for Azure DevOps?

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

Answer: B

NEW QUESTION 101
- (Exam 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 103
- (Exam Topic 4)
Your team uses Azure Pipelines to deploy applications.
You need to ensure that when a failure occurs during the build or release process, all the team members are notified by using Microsoft Teams. The solution must minimize development effort.
What should you do?

A. Install the Azure Boards app for Teams and configure a subscription to receive notifications in a channel.
B. Use Azure Automation to connect to the Azure DevOps REST API and notify the team members.
C. Use an Azure function to connect to the Azure DevOps REST API and notify the team members.
D. Install the Azure Pipelines app for Teams and configure a subscription to receive notifications in a channel.

Answer: D

NEW QUESTION 106
- (Exam Topic 4)
During a code review, you discover quality issues in a Java application.
You need to recommend a solution to detect quality issues including unused variables and empty catch blocks. What should you recommend?

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

Answer: B

Explanation:
PMD is a source code analyzer. It finds common programming flaws like unused variables, empty catch blocks, unnecessary object creation, and so forth.
There is an Apache Maven PMD Plugin which allows you to automatically run the PMD code analysis tool on your project's source code and generate a site report with its results.

NEW QUESTION 107
- (Exam 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 eight hour.
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 109
- (Exam 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 111
- (Exam 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 the project can be scanned for known security vulnerabilities in the open source libraries.
What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Object to create:

| A build task |
| A deployment task |
| An artifacts repository |

Service to use:

| WhiteSource Bolt |
| Bamboo |
| CMake |
| Chef |

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: A Build task Trigger a build
You have a Java code provisioned by the Azure DevOps demo generator. You will use WhiteSource Bolt extension to check the vulnerable components present in this code.

➤ Go to Builds section under Pipelines tab, select the build definition WhiteSourceBolt and click on Queue to trigger a build.

➤ To view the build in progress status, click on ellipsis and select View build results.
Box 2: WhiteSource Bolt
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.
References: https://www.azuredevopslabs.com/labs/vstsextend/whitesource/

NEW QUESTION 115
- (Exam Topic 4)
You have an Azure subscription that contains 50 virtual machines
You plan to manage the configuration of the virtual machines by using Azure Automation State Configuration. You need to create the Desired State Configuration (DSO configuration files.
How should structure the code blocks?

A. Node>Configuration>Resource

B. Configuration>Node> Resource
C. Configuration>Resource>Node
D. Resource>Configuration>Node

Answer: B

Explanation:
In Azure Automation State Configuration, the Desired State Configuration (DSC) configuration files are used to define the desired state of resources on a system. The structure of the code blocks in a DSC configuration file should be organized in a logical and meaningful way.
One way to structure the code blocks is as follows:

> Configuration: This block defines the overall configuration, including any parameters that are used in the configuration.

> Node: This block defines the target node(s) for the configuration, typically specified by the hostname or IP address of the target system.

> Resource: This block defines the resources that are managed by the configuration, including the resource type, module, and properties.
"A configuration script consists of the following parts:
The Configuration block. This is the outermost script block. You define it by using the Configuration keyword and providing a name. In this case, the name of the configuration is MyDscConfiguration.
One or more Node blocks. These define the nodes (computers or VMs) that you are configuring. In the above configuration, there is one Node block that targets a computer named TEST-PC1. The Node block can accept multiple computer names.
One or more resource blocks. This is where the configuration sets the properties for the resources that it is configuring. In this case, there are two resource blocks, each of which call the WindowsFeature resource."
https://docs.microsoft.com/en-us/powershell/dsc/configurations/configurations?view=dsc-1.1#configuration-syn

NEW QUESTION 120
- (Exam Topic 4)
You need to configure access to Azure DevOps Agent pools to meet the forwarding requirements:
• Use a project agent pool when authoring build release pipelines.
• View the agent pool and agents of the organization.
• Use the principle of least privilege.
Which role memberships are required for the Azure 0e%Oos organization and the project? To answer, drag the appropriate role membership to the correct targets. Each role membership may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to content
NOTE: Each correct selection is worth one point.

Roles

| Administrator |
| Reader |
| Service Account |
| User |

Answer Area

Organization: [   ]

Project: [   ]

A. Mastered
B. Not Mastered

Answer: A

Explanation:
project level role: UserOrganization level role: Reader
References: https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/pools-queues

NEW QUESTION 124
- (Exam 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.

Elements

| Link color | Link length |
| Link width | Node color |

Answer Area

Number of dependencies: [Element]

Risk level: [Element]

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Elements

Link color | Link length

Link width | Node color

Answer Area

Number of dependencies: | Node color |

Risk level: | Node color |

NEW QUESTION 129
- (Exam Topic 4)
You have several Azure virtual machines that run Windows Server 2019.
You need to identify the distinct event IDs of each virtual machine as shown in the following table.

Name	Event ID
VM1	[704,701,1501,1500, 1085]
VM2	[326,105,302,301,300,102]
...	...

How should you complete the Azure Monitor query? To answer, drag the appropriate values to the correct locations. 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.

count()

makelist(EventID)

makeset(EventID)

mv-expand

project

render

summarize

Answer Area

Event

| where TimeGenerated > ago(12h)

| order by TimeGenerated desc

| ___Value___ ___Value___ by Computer

A. Mastered
B. Not Mastered

Answer: A

Explanation:
You can use makelist to pivot data by the order of values in a particular column. For example, you may want to explore the most common order events take place on your machines. You can essentially pivot the data by the order of EventIDs on each machine.
Example: Event
| where TimeGenerated > ago(12h)
| order by TimeGenerated desc
| summarize makelist(EventID) by Computer Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/log-query/advanced-aggregations

NEW QUESTION 131
- (Exam Topic 4)
You create an alert rule in Azure Monitor as shown in the following exhibit.

Create rule
Rules management

	* RESOURCE	HIERARCHY
	ASP-9bb7	Contoso > CoreApp1

Select

* CONDITION

✅ Whenever the Activity Log has an event with Category - 'Administrative', Signal name - 'All Administrative operations', Status - 'failed'

Add

ℹ️ Azure Alerts are currently limited to either 2 metric, 1 log, or 1 activity log signal per alert rule. To alert on more signals, please create additional alert rules.

ACTIONS GROUPS (optional)

Action group name	Contain actions
Application Insights Smart Detection	2 Email Azure Resource Manager Role(s)

Add   Create

ℹ️ Action rules (preview) allows you to define actions at scale as well as suppress actions. Learn more about this functionality by clicking on this banner.

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 135
- (Exam Topic 4)
Your company has an Azure DevOps project that produces Node Package Manager (npm) packages. Multiple projects consume the packages.
You need to minimize the amount of disk space used by older packages in Azure Artifacts. What should you modify?

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

Answer: B

Explanation:
To minimize the amount of disk space used by older packages in Azure Artifacts, you should modify the retention settings of the project's release. This can be done by navigating to the project's release settings and adjusting the retention policy. For more information, please refer to the Microsoft documentation.

NEW QUESTION 140
- (Exam Topic 4)
You have an Azure subscription that contains four Azure virtual machines
You need to configure the virtual machines to use a single identity. The solution must meet the following requirements:
• Ensure that the credentials for the identity are managed automatically.
• Support granting privileges to the identity. Which type of identity should you use?

A. a service principal
B. a user-assigned managed identity
C. a system-assigned managed identity
D. a user account

Answer: C

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

---

NEW QUESTION 145
- (Exam 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 Git repository in Azure Repos.
C. Add the package URL to the NuGet Package Manager settings in Visual Studio.
D. Upload a package to a Git repository.
E. Create a new feed in Azure Artifacts.
F. Publish the package to a feed.

Answer: ABE

NEW QUESTION 150
- (Exam 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 151
- (Exam Topic 4)
Your company has an Azure subscription.
The company requires that all resource group in the subscription have a tag named organization set to a value of Contoso.
You need to implement a policy to meet the tagging requirement.
How should you complete the policy? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

```
{
    "policyRule": {
        "if": {
            "allOf": [
                {
                    "field": "type",
                    "equals":
                    [                                                    ▼]
                    ,                   "MicrosoftResources/deployments"
                    {                   "MicrosoftResources/subscriptions"
                                        "MicrosoftResources/subscriptions/resourceGroups"
                        "not": {
                            "field": "tags['organization']",
                            "equals": "Contoso"
                        }
                    }
                }
            ]
        },

        "then": {
            "effect":        [                          ▼]
                             "Append",
            "details": [     "Deny",
                {            "DeployIfNotExists",
                    "field": "tags['organization']",
                    "value": "Contoso"
                }
            ]
        }
    }
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: " Microsoft.Resources/subscriptions/resourceGroups" Box 2: "Deny",
Sample - Enforce tag and its value on resource groups
},
"policyRule": { "if": {
"allOf": [
{
"field": "type",
"equals": "Microsoft.Resources/subscriptions/resourceGroups"
},
{
"not": {
"field": "[concat('tags[',parameters('tagName'), ']')]", "equals": "[parameters('tagValue')]"
}
}
]
},
"then": {
"effect": "deny"
}
}
}
}
References:
https://docs.microsoft.com/en-us/azure/governance/policy/samples/enforce-tag-on-resource-groups

NEW QUESTION 154
- (Exam Topic 4)
You have a Microsoft ASP.NET Core web app in Azure that is accessed worldwide.
You need to run a URL ping test once every five minutes and create an alert when the web app is unavailable from specific Azure regions. The solution must minimize development time.
What should you do?

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

Answer: B

Explanation:
There are three types of Application Insights availability tests: URL ping test: a simple test that you can create in the Azure portal. Multi-step web test
Custom Track Availability Tests
Note: After you've deployed your web app/website, you can set up recurring tests to monitor availability and responsiveness. Azure Application Insights sends web requests to your application at regular
intervals from points around the world. It can alert you if your application isn't responding, or if it responds too slowly.
You can set up availability tests for any HTTP or HTTPS endpoint that is accessible from the public internet.
You don't have to make any changes to the website you're testing. In fact, it doesn't even have to
be a site you own. You can test the availability of a REST API that your service depends on. Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/monitor-web-app-availability#create-a-url-ping-test

NEW QUESTION 156
- (Exam Topic 4)
You need to recommend a solution for deploying charts by using Helm and Title to Azure Kubemets Service (AKS) in an RBAC-enabled cluster.
Which three commands should you recommend be run m sequence? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Step 1: Kubectl create
You can add a service account to Tiller using the --service-account <NAME> flag while you're configuring Helm (step 2 below). As a prerequisite, you'll have to create a role binding which specifies a role and a service account name that have been set up in advance.
Example: Service account with cluster-admin role
$ kubectl create -f rbac-config.yaml serviceaccount "tiller" created clusterrolebinding "tiller" created
$ helm init --service-account tiller Step 2: helm init
To deploy a basic Tiller into an AKS cluster, use the helm init command. Step 3: helm install
To install charts with Helm, use the helm install command and specify the name of the chart to install. References:
https://docs.microsoft.com/en-us/azure/aks/kubernetes-helm https://docs.helm.sh/using_helm/#tiller-namespaces-and-rbac

NEW QUESTION 157
- (Exam Topic 4)
You need to create a notification if the peak average response time of an Azure web app named
az400-9940427-main is more than five seconds when evaluated during a five-minute period. The notification must trigger the "https://contoso.com/notify"
webhook.
To complete this task, sign in to the Microsoft Azure portal.
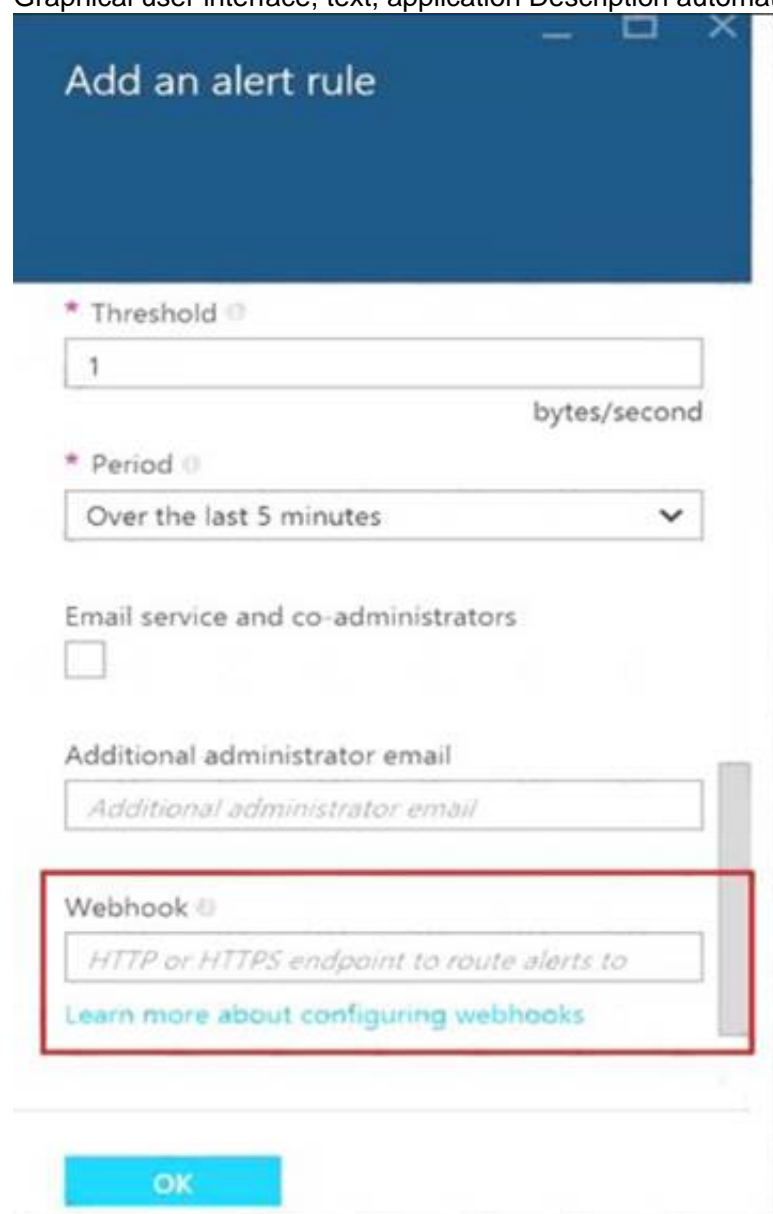
A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. Open Microsoft Azure Portal
* 2. Log into your Azure account and go to App Service and look under Monitoring then you will see Alert.
* 3. Select Add an alert rule
* 4. Configure the alert rule as per below and click Ok. Source: Alert on Metrics
Resource Group: az400-9940427-main Resource: az400-9940427-main Threshold: 5
Period: Over the last 5 minutes Webhook: https://contoso.com/notify
Graphical user interface, text, application Description automatically generated

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

NEW QUESTION 161
- (Exam Topic 4)
You are monitoring the health and performance of an Azure web app by using Azure Application Insights. You need to ensure that an alert is sent when the web app has a sudden rise in performance issues and failures. What should you use?

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

Answer: C

Explanation:
Smart Detection automatically warns you of potential performance problems and failure anomalies in your web application. It performs proactive analysis of the telemetry that your app sends to Application Insights. If there is a sudden rise in failure rates, or abnormal patterns in client or server performance, you get an alert.
Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/proactive-diagnostics

NEW QUESTION 163
- (Exam 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 Kubernetes cluster on-premises. You deploy a Helm agent to the cluster. 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).
Note 2: As we [Microsoft] are launching this new experience in preview, we are currently optimizing it for Azure Kubernetes Service (AKS) and Azure Container Registry (ACR). Other Kubernetes clusters, for example running on-premises or in other clouds, as well as other container registries, can be used, but require setting up a Service Account and connection manually.
References:
https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/agents?view=azure-devops

NEW QUESTION 165
- (Exam 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 168
- (Exam Topic 4)
You use Git for source control.
You need to commit a 3-G3 ZIP file that contains virtual machines used for testing. The solution must meet the following requirements:
⟩ The file must be versioned.
⟩ The file must be associated with the corresponding code commits.
Which two actions should you include in the solution? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Store files in Azure Storage and enable blob versions.
B. Install the Git IFS extension and associate the extension to ZIP files.
C. Use GZip to compress the file before committing the file.
D. Install the git-stash extension and associate the extension to ZIP files.
E. Install the git-fat extension and associate the extension to ZIP files.

Answer: BD

NEW QUESTION 169
- (Exam 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. NOTE: Each correct selection is worth one point.

App1: ▼
  canary
  rolling
  runonce

App2: ▼
  canary
  rolling
  runonce

A. Mastered
B. Not Mastered

Answer: A

Explanation:
App1: rolling
A rolling deployment replaces instances of the previous version of an application with instances of the new version of the application on a fixed set of virtual machines (rolling set) in each iteration.
App2: canary
Canary deployment strategy is an advanced deployment strategy that helps mitigate the risk involved in rolling out new versions of applications. By using this strategy, you can roll out the changes to a small subset of servers first. As you gain more confidence in the new version, you can release it to more servers in your infrastructure and route more traffic to it. Reference:
https://docs.microsoft.com/en-us/azure/devops/pipelines/process/deployment-jobs

NEW QUESTION 170
- (Exam Topic 4)
You are planning projects for three customers. Each customer's preferred process for work items is shown in the following table.

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

The customers all plan to use Azure DevOps for work item management.
Which work item process should you use for each customer? To answer, drag the appropriate work item process to the correct customers. Each work item process may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Processes

Agile

CMMI

Scrum

XP

Answer Area

Litware

Contoso:

A. Datum:

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Scrum
Choose Scrum when your team practices Scrum. This process works great if you want to track product backlog items (PBIs) and bugs on the Kanban board, or break PBIs and bugs down into tasks on the taskboard.
Box 2: Agile
Choose Agile when your team uses Agile planning methods, including Scrum, and tracks development and test activities separately. This process works great if you want to track user stories and (optionally) bugs on the Kanban board, or track bugs and tasks on the taskboard.
Box 3: CMMI
Choose CMMI when your team follows more formal project methods that require a framework for process improvement and an auditable record of decisions. With this process, you can track requirements, change requests, risks, and reviews.

NEW QUESTION 171
- (Exam Topic 4)
You have a web app named App1 that is hosted on multiple servers. App1 uses Application Insights in Azure Monitor.
You need to compare the dairy CPU usage from the last week for all servers.
How should you complete the query? 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.

Values

bin(timestamp,1d)

bin(timestamp,1h)

project timechart

render chart

render timechart

Answer Area

...

performanceCounters

| where counter == "% Processor Time"

| where timestamp >= ago(7d)

| summarize avg(value) by cloud_RoleInstance,

{

...

A. Mastered
B. Not Mastered

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/performance-counters

NEW QUESTION 172
- (Exam Topic 4)
You have an Azure subscription that contains an Azure Active Directory (Azure AD) tenant.
You are configuring a build pipeline in Azure Pipelines that will include a task named Task1. Task1 will authenticate by using an Azure AD service principal.
Which three values should you configure for Task1? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

Answer: BCD

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

NEW QUESTION 177
- (Exam 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 180
- (Exam Topic 4)
You haw an Azure subscription that contains multiple Azure services. You need to send an SMS alert when scheduled maintenance is planned for the Azure services. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

Answer: AD

NEW QUESTION 184
- (Exam 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.

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference:
https://dev.to/rajikaimal/azure-devops-ci-cd-yaml-pipeline-4glj

NEW QUESTION 188
- (Exam Topic 4)
Note: This question part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the staled goals. Some question sets might have more than one correct solution, whale 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 depsoyment.
You need Azure DevOps to send a notification to Jenkins when a developer commits changes to a branch in Azure Repos.
Solution: You add a trigger to the build pipeline. Does this meet the goal?

A. Yes
B. NO

Answer: A

Explanation:
You can create a service hook for Azure DevOps Services and TFS with Jenkins. References:
https://docs.microsoft.com/en-us/azure/devops/service-hooks/services/jenkins

NEW QUESTION 189
- (Exam Topic 4)
You plan to deploy a website that will be hosted in two Azure regions.
You need to create an Azure Traffic Manager profile named az40011566895n1-tm in a resource group named RG1lod11566895. The solution must ensure that users will always connect to a copy of the website that is in the same country.
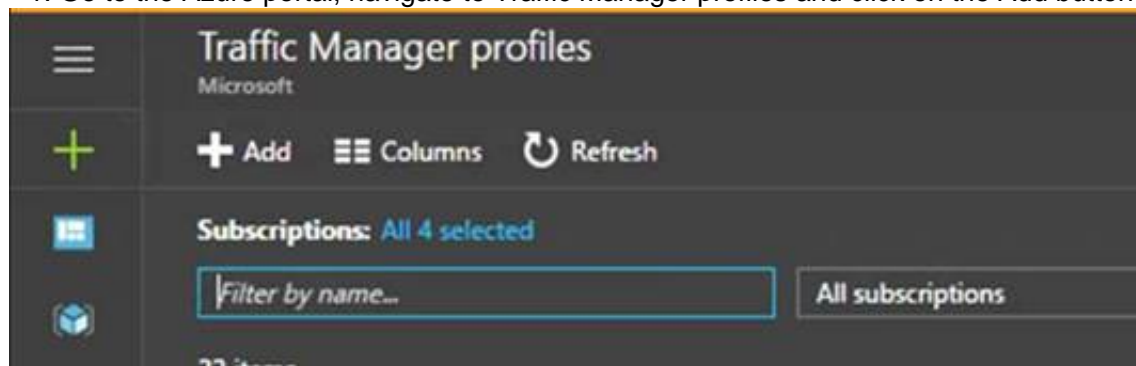To complete this task, sign in to the Microsoft Azure portal.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. Go to the Azure portal, navigate to Traffic Manager profiles and click on the Add button to create a routing profile.

* 2. In the Create Traffic Manager profile, enter, or select these settings:Name: az40011566895n1-tmRouting method: GeographicResource group: RG1lod11566895

Create Traffic Manager profi... ▢ ✕

Name
samplegeoprofile ✓
.trafficmanager.net

Routing method
Geographic ▾

Subscription
▾

Resource group ⊕
◉ Create new ⬤ Use existing
geoprofilerg ✓

Resource group location ⊕
West US ▾

Note: Traffic Manager profiles can be configured to use the Geographic routing method so that users are directed to specific endpoints (Azure, External or Nested) based on which geographic location their DNS query originates from. This empowers Traffic Manager customers to enable scenarios where knowing a user's geographic region and routing them based on that is important.
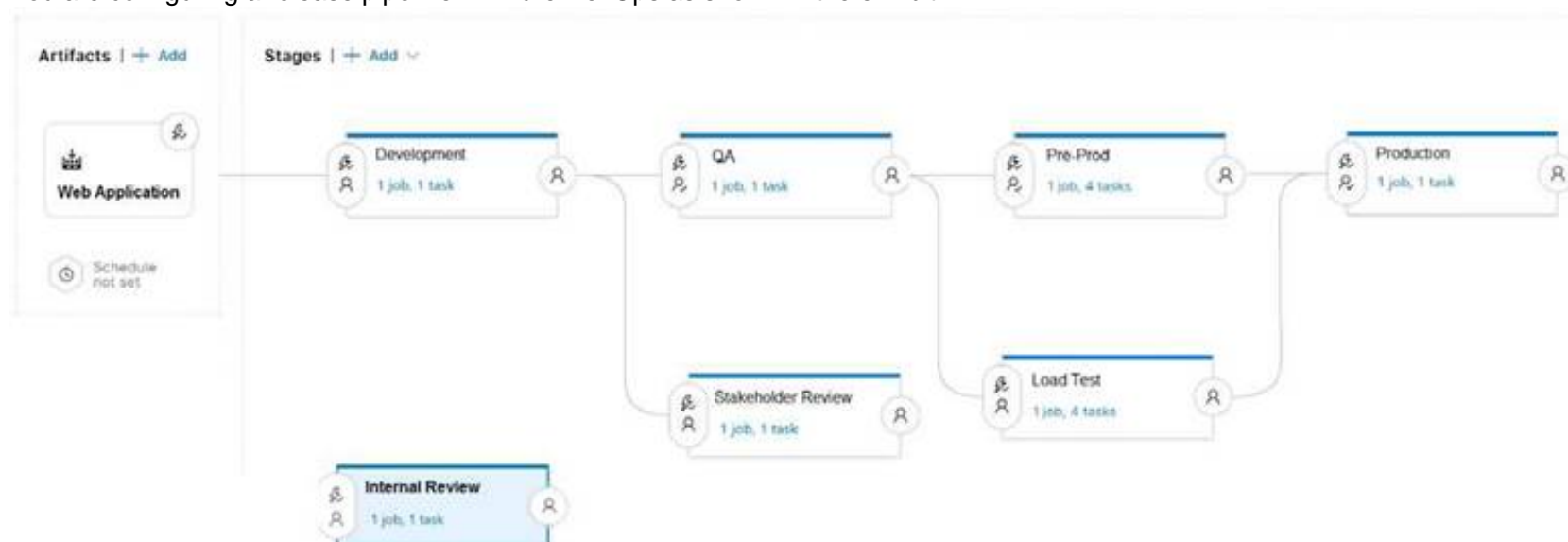Reference:
https://azure.microsoft.com/en-us/blog/announcing-the-general-availability-of-geographic-routing-capability-in

NEW QUESTION 193
- (Exam Topic 4)
You are configuring a release pipeline in Azure DevOps as shown in the exhibit.

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

How many stages have triggers set? ▾

```
0
1
2
3
4
5
6
7
```

Which component should you modify to enable continuous delivery? ▾

```
The Development stage
The Internal Review stage
The Production stage
The Web Application artifact
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: 5
There are five stages: Development, QA, Pre-production, Load Test and Production. They all have triggers. Box 2: The Internal Review stage
References: https://docs.microsoft.com/en-us/azure/devops/pipelines/release/triggers

NEW QUESTION 198
- (Exam Topic 4)
You plan to create a GitHub workflow that will use GitHub Actions. The actions will require a 256-KB secret. You need to recommend a solution to store and encrypt the secret. The secret value must be accessible only to the workflow. The solution must minimize administrative effort
What should you recommend?

A. Store the secret in the organization-level GitHub secrets.
B. Store the secret in the repository-level GitHub secrets.
C. Encrypt the secret value and store the value in the repositor
D. Store the decryption key in the repository-level GitHub secrets.
E. Encrypt the secret value and store the value in the repositor
F. Store the decryption key in the organization-level GitHub secrets.

Answer: C

Explanation:
https://docs.github.com/en/actions/security-guides/encrypted-secrets "To use secrets that are larger than 48 KB, you can use a workaround to store encrypted secrets in your repository and save the decryption passphrase as a secret on GitHub." Because it requires less administrative privilege it's at repository level

NEW QUESTION 202
- (Exam 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.

App1:
- canary
- rolling
- runonce

App2:
- canary
- rolling
- runonce

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 204
- (Exam 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.

Chart Widgets   **Answer Area**

| Burndown |
| Cycle Time |
| Lead Time |
| Velocity |

The elapsed time from the creation of work items to their completion: [   ]

The elapsed time to complete work items once they are active: [   ]

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: Burndown
Burndown charts focus on remaining work within a specific time period. Reference:
https://docs.microsoft.com/en-us/azure/devops/report/dashboards/velocity-guidance?view=vsts https://docs.microsoft.com/en-us/azure/devops/report/dashboards/cycle-time-and-lead-time?view=vsts https://docs.microsoft.com/en-us/azure/devops/report/dashboards/configure-burndown-burnup-widgets?view=vs

NEW QUESTION 208
- (Exam Topic 4)
You use Azure Artifacts to host NuGet packages that you create.
You need to make one of the packages available to anonymous users outside your organization. The solution must minimize the number of publication points.
What should you do?

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

Answer: A

Explanation:
Azure Artifacts introduces the concept of multiple feeds that you can use to organize and control access to your packages.
Packages you host in Azure Artifacts are stored in a feed. Setting permissions on the feed allows you to share your packages with as many or as few people as your scenario requires.
Feeds have four levels of access: Owners, Contributors, Collaborators, and Readers. References:
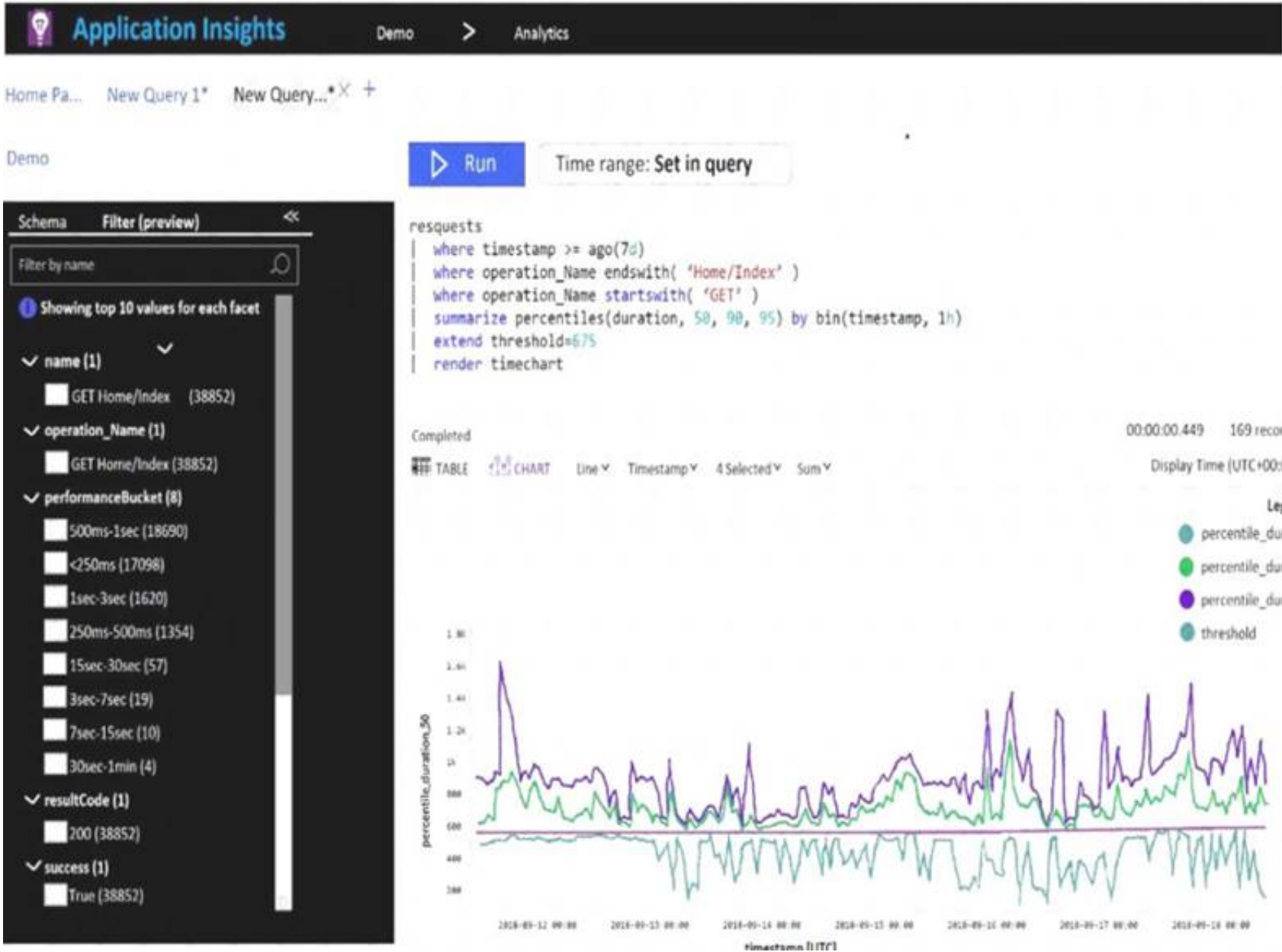https://docs.microsoft.com/en-us/azure/devops/artifacts/feeds/feed-permissions?view=vsts&tabs=new-nav

NEW QUESTION 213
- (Exam 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:
Timeline Description automatically generated with low confidence
Box 1: percentile_duration_95
Box 2: success For example – requests
| project name, url, success
| where success == "False"
This will return all the failed requests in my App Insights within the specified time range. Reference:
https://devblogs.microsoft.com/premier-developer/alerts-based-on-analytics-query-using-custom-log-search/

NEW QUESTION 216
- (Exam Topic 4)
You have an Azure Repos repository named repo1.
You need to clone repo1. The solution must clone only a directory named src/web.
How should you complete the script? 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 spirt bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Text Description automatically generated with medium confidence

NEW QUESTION 220
- (Exam Topic 4)
During a code review, you discover many quality issues. Many modules contain unused variables and empty catch Modes. You need to recommend a solution to improve the quality o' the code. What should you recommend?

A. In a Gradle build task, select Run Checkstyle.
B. In an Xcode build task, select Use xcpretty from Advanced
C. In a Grunt build task, select Enabled from Control Options.
D. In a Maven build task, select Run PMD.

Answer: D

Explanation:
PMD is a source code analyzer. It finds common programming flaws like unused variables, empty catch blocks, unnecessary object creation, and so forth.
There is an Apache Maven PMD Plugin which allows you to automatically run the PMD code analysis tool on your project's source code and generate a site report with its results.
References: https://pmd.github.io/

NEW QUESTION 225
- (Exam Topic 4)
You configure an Azure Application Insights availability test.
You need to notify the customer services department at your company by email when availability is degraded. You create an Azure logic app that will handle the email and follow up actions.
Which type of trigger should you use to invoke the logic app?

A. an ApiConnection trigger
B. a Request trigger
C. an HTTPWebhook trigger
D. an HTTP trigger

Answer: C

Explanation:
You can use webhooks to route an Azure alert notification to other systems for post-processing or custom actions. You can use a webhook on an alert to route it to services that send SMS messages, to log bugs, to notify a team via chat or messaging services, or for various other actions.
Reference:
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/alerts-webhooks

NEW QUESTION 227
- (Exam 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 tor 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 the with other Git permissions.
References: https://docs.microsoft.com/en-us/azure/devops/repos/git/branch-policies

NEW QUESTION 228
- (Exam Topic 4)
You currently use JIRA, Jenkins, and Octopus as part of your DevOps processes. You plan to use Azure DevOps to replace these tools.
Which Azure DevOps service should you use to replace each tool? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

JIRA:
- Boards
- Build pipelines
- Release pipelines
- Repos

Jenkins:
- Boards
- Build pipelines
- Release pipelines
- Repos

Octopus:
- Boards
- Build pipelines
- Release pipelines
- Repos

A. Mastered
B. Not Mastered

Answer: A

Explanation:
JIRA- BoardJenkins- Build PipelinesOctopus- Release pipelines

NEW QUESTION 231
- (Exam 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 234
- (Exam 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 235
- (Exam Topic 4)
You have a private distribution group that contains provisioned and unprovisioned devices.
You need to distribute a new iOS application to the distribution group by using Microsoft Visual Studio App Center.
What should you do?

A. Request the Apple ID associated with the user of each device.
B. Register the devices on the Apple Developer portal.
C. Create an active subscription in App Center Test.
D. Add the device owner to the organization in App Center.

Answer: B

Explanation:
When releasing an iOS app signed with an ad-hoc or development provisioning profile, you must obtain tester's device IDs (UDIDs), and add them to the provisioning profile before compiling a release. When you enable the distribution group's Automatically manage devices setting, App Center automates the before mentioned operations and removes the constraint for you to perform any manual tasks. As part of automating the workflow, you must provide the user name and password for your Apple ID and your production certificate in a .p12 format.
App Center starts the automated tasks when you distribute a new release or one of your testers registers a new device. First, all devices from the target distribution group will be registered, using your Apple ID, in your developer portal and all provisioning profiles used in the app will be generated with both new and existing device ID. Afterward, the newly generated provisioning profiles are downloaded to App Center servers.
References:
https://docs.microsoft.com/en-us/appcenter/distribution/groups

NEW QUESTION 236
- (Exam Topic 4)
You have a GitHub organization named org1 and an Azure tenant named Tenant1.
You need to enable single sign-on (SSO) in Azure Active Directory (Azure AD) for the users in org1.
Which URIs should you use for the SAML configuration in Azure AD? To answer, drag the appropriate URIs to the correct settings. Each URI may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/saas-apps/github-tutorial

NEW QUESTION 239
- (Exam Topic 4)
Your company uses Azure DevOps for Git source control.
You have a project in Azure DevOps named Contoso App that contains the following repositories:
≫ https://dev.azure.com/contoso/contoso-app/core-api
≫ https://dev.azure.com/contoso/contoso-app/core-spa
≫

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

You need to ensure that developers receive Slack notifications when there are pull requests created for Contoso App.
What should you run in Slack? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

/azrepos	▼	▼
	feedback	https://dev.azure.com/contoso/contoso-app
	signin	https://dev.azure.com/contoso/contoso-app/core-api
	subscribe	https://dev.azure.com/contoso/contoso-app/core-db
	subscriptions	https://dev.azure.com/contoso/contoso-app/core-spa

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: subscribe
To start monitoring all Git repositories in a project, use the following slash command inside a channel:
/azrepos subscribe [project url]
Box 2: https://dev.azure.com/contoso/contoso-app
You can also monitor a specific repository using the following command:
/azrepos subscribe [repository url]
The repository URL can be to any page within your repository that has your repository name. For example, for Git repositories, use:
/azrepos subscribe https://dev.azure.com/myorg/myproject/_git/myrepository Reference:
https://docs.microsoft.com/en-us/azure/devops/repos/integrations/repos-slack

NEW QUESTION 241
- (Exam 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.yaml 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 244
- (Exam 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 246
- (Exam 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.
Reference:
https://docs.microsoft.com/en-us/azure/devops/pipelines/release/deployment-groups/howto-provision-deployme

NEW QUESTION 250
- (Exam 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 251
- (Exam Topic 3)
You need to replace the existing DevOps tools to support the planned changes.
What should you use? To answer, drag the appropriate tools to the correct targets. 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

Azure Boards
Azure Artifacts
GitHub Actions
Azure Pipelines
Azure Test Plans
GitHub repositories

Answer Area

Trello:	Tool
Bamboo:	Tool
BitBucket:	Tool

A. Mastered
B. Not Mastered

Answer: A

Explanation:
A picture containing text Description automatically generated
Box 1: Azure Boards
Azure Boards can be used to track work with Kanban boards, backlogs, team dashboards, and custom reporting
You can create multiple Trello boards, which are spaces to store tasks (for different work contexts, or even private boards)
You can easily share Trello boards with another person.
Box 2: Azure Pipelines
You can use Bamboo to implement CI/CD (Continuous Integration and Continuous Delivery) for a simple Azure function app using Atlassian Bamboo. Bamboo does continuous delivery of the project from source code to deployment. It has stages including Build, Test and Deploy.
Software teams in every industry are upgrading their continuous delivery pipeline with Bamboo. Easy build import from popular open source tools, user and group import from JIRA, seamless integration with Bitbucket, and native support for Git, Hg, and SVN means you'll be building and deploying like a champ.
Box 3: GitHub repositories
Bitbucket can be used as the Git repository, but you can use any other Git repository (Like TFS Git) for source control of the code.
Reference:
https://www.trustradius.com/compare-products/azure-devops-services-vs-trello https://marketplace.visualstudio.com/items?itemName=ms-vsts.vss-services-bamboo
https://www.c-sharpcorner.com/article/cicd-implementation-for-an-azure-function-app-using-atlassian-bamboo

NEW QUESTION 252
- (Exam 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:
Graphical user interface, text, application Description automatically generated
Woodgrove Bank plans to implement the following changes to the identity environment:

> Configure App1 to use a service principal.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/develop/howto-create-service-principal-portal

NEW QUESTION 256
- (Exam Topic 2)
You add the virtual machines as managed nodes in Azure Automation State Configuration. You need to configure the computer in Group7.
What should you do?

A. Run the Register-AzureRmAutomationDscNode Azure Powershell cmdlet.
B. Modify the ConfigurationMode property of the Local Configuration Manager (LCM).
C. Install PowerShell Core.
D. Modify the RefreshMode property of the Local Configuration Manager (LCM).

Answer: A

Explanation:
The Register-AzureRmAutomationDscNode cmdlet registers an Azure virtual machine as an APS Desired State Configuration (DSC) node in an Azure Automation account.
Scenario: The Azure DevOps organization includes: The Docker extension
A deployment pool named Pool7 that contains 10 Azure virtual machines that run Windows Server 2016

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

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

NEW QUESTION 260
- (Exam Topic 1)
How should you confrere the release retention policy for the investment planning depletions suite?
To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Required secrets: ▼
| Certificate |
| Personal access token |
| Shared Access Authorization token |
| Username and password |

Storage location: ▼
| Azure Data Lake |
| Azure Key Vault |
| Azure Storage with HTTP access |
| Azure Storage with HTTPS access |

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Every request made against a storage service must be authorized, unless the request is for a blob or container resource that has been made available for public or signed access. One option for authorizing a request is by using Shared Key.
Scenario: The mobile applications must be able to call the share pricing service of the existing retirement fund management system. Until the system is upgraded, the service will only support basic authentication over HTTPS.
The investment planning applications suite will include one multi-tier web application and two iOS mobile application. One mobile application will be used by employees; the other will be used by customers.
References: https://docs.microsoft.com/en-us/rest/api/storageservices/authorize-with-shared-key

NEW QUESTION 264
- (Exam Topic 1)
You need to configure a cloud service to store the secrets required by the mobile applications to call the share. What should you include in the solution? To answer, select the appropriate options m the answer ate», NOTE:
Each correct selection is worth one point.
You need to configure a cloud service to store the secrets required by the mobile applications to call the

Required secrets:

| Certificate |
| Personal access token |
| Shared Access Authorization token |
| Username and password |

Storage location:

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Every request made against a storage service must be authorized, unless the request is for a blob or container resource that has been made available for public or signed access. One option for authorizing a request is by using Shared Key.
Scenario: The mobile applications must be able to call the share pricing service of the existing retirement fund management system. Until the system is upgraded, the service will only support basic authentication over HTTPS.
The investment planning applications suite will include one multi-tier web application and two iOS mobile application. One mobile application will be used by employees; the other will be used by customers.
References: https://docs.microsoft.com/en-us/rest/api/storageservices/authorize-with-shared-key

NEW QUESTION 268
- (Exam Topic 1)
To resolve the current technical issue, what should you do to the Register-AzureRmAutomationDscNode command?

A. Change the value of the ConfigurationMode parameter.
B. Replace the Register-AzureRmAutomationDscNode cmdlet withRegister-AzureRmAutomationScheduledRunbook
C. Add the AllowModuleOverwrite parameter.
D. Add the DefaultProfile parameter.

Answer: A

Explanation:
Change the ConfigurationMode parameter from ApplyOnly to ApplyAndAutocorrect.
The Register-AzureRmAutomationDscNode cmdlet registers an Azure virtual machine as an APS Desired State Configuration (DSC) node in an Azure Automation account.
Scenario: Current Technical Issue
The test servers are configured correctly when first deployed, but they experience configuration drift over time. Azure Automation State Configuration fails to correct the configurations.
Azure Automation State Configuration nodes are registered by using the following command.

```
Register-AzureRmAutomationDscNode
    -ResourceGroupName 'TestResourceGroup'
    -AutomationAccountName 'LitwareAutomationAccount'
    -AzureVMName $vmanme
    -ConfigurationMode 'ApplyOnly'
```

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

NEW QUESTION 271
- (Exam 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 275
- (Exam Topic 1)
You are using GitHub as a source code repository.
You create a client-side Git hook on the commit-msg event. The hook requires that each commit message contain a custom work item tag.
You need to make a commit that does not have a work item tag. Which git commit parameter should you use?

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

Answer: B

Explanation:
The commit-msg hook is invoked by git-commit and git-merge, and can be bypassed with the --no-verify option.
Reference:
https://git-scm.com/docs/githooks

NEW QUESTION 280
- (Exam Topic 1)
You have Azure Pipelines and GitHub integrated as a source code repository.
The build pipeline has continuous integration enabled.
You plan to trigger an automated build whenever code changes are committed to the repository. You need to ensure that the system will wait until a build

completes before queuing another build. What should you implement?

A. path filters
B. batch changes
C. scheduled builds
D. branch filters

Answer: B

Explanation:

Batching CI runs
If you have many team members uploading changes often, you may want to reduce the number of runs you start. If you set batch to true, when a pipeline is running, the system waits until the run is completed, then starts another run with all changes that have not yet been built.
Example:
specific branch build with batching trigger:
batch: true branches: include:
- master
To clarify this example, let us say that a push A to master caused the above pipeline to run. While that pipeline is running, additional pushes B and C occur into the repository. These updates do not start new independent runs immediately. But after the first run is completed, all pushes until that point of time are batched together and a new run is started.
Reference:
https://docs.microsoft.com/en-us/azure/devops/pipelines/repos/github

NEW QUESTION 285
- (Exam Topic 4)
Your company is building a new solution in Java.
The company currently uses a SonarQube server to analyze the code of .NET solutions. You need to analyze and monitor the code quality of the Java solution. Which task types should you add to the build pipeline?

A. Chef
B. Gradle
C. Octopus
D. Gulp

Answer: B

Explanation:
SonarQube is a set of static analyzers that can be used to identify areas of improvement in your code. It allows you to analyze the technical debt in your project and keep track of it in the future. With Maven and Gradle build tasks, you can run SonarQube analysis with minimal setup in a new or existing Azure DevOps Services build task.
References:
https://docs.microsoft.com/en-us/azure/devops/java/sonarqube?view=azure-devops

NEW QUESTION 290
- (Exam Topic 4)
You are configuring the settings of a new Git repository in Azure Repos.
You need to ensure that pull requests in a branch meet the following criteria before they are merged:
≫ Committed code must compile successfully.
≫ Pull requests must have a Quality Gate status of Passed in SonarCloud.
Which policy type should you configure for each requirement? To answer, drag the appropriate policy types to the correct requirements. Each policy type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: A check-in policy
Administrators of Team Foundation version control can add check-in policy requirements. These check-in policies require the user to take actions when they conduct a check-in to source control.

By default, the following check-in policy types are available:

≫ Builds Requires that the last build was successful before a check-in.

≫ Code Analysis Requires that code analysis is run before check-in.

≫ Work Items Requires that one or more work items be associated with the check-in. Box 2: Build policy

Reference:

https://docs.microsoft.com/en-us/azure/devops/repos/tfvc/add-check-policies https://azuredevopslabs.com/labs/vstsextend/sonarcloud/

NEW QUESTION 294
- (Exam Topic 4)
You have a project in Azure DevOps named Project1.
You implement a Continuous Integration/Continuous Deployment (CI/CD) pipeline that uses PowerShell Desired State Configuration (DSC) to configure the application infrastructure.
You need to perform a unit test and an integration test of the configuration before Project1 is deployed. What should you use?

A. the PSScriptAnalyzer tool
B. the Pester test framework
C. the PSCodeHealth module
D. the Test-DscConfiguration cmdlet

Answer: B

Explanation:
You should use the Pester test framework to perform a unit test and an integration test of the configuration before Project1 is deployed. The Pester test framework is a PowerShell testing framework that can be used to validate PowerShell DSC configurations.

NEW QUESTION 295
- (Exam Topic 4)
You are developing an application. The application source has multiple branches. You make several changes to a branch used for experimentation.
You need to update the main branch to capture the changes made to the experimentation branch and override the history of the Git repository.
Which Git option should you use?

A. Rebase
B. Fetch
C. MergeE1457D5D1DDCBD40AB3BF70D5D
D. Push

Answer: C

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

NEW QUESTION 300
- (Exam Topic 4)
You need to ensure that Microsoft Visual Studio 2017 can remotely attach to an Azure Function named fa-11566895.
To complete this task, sign in to the Microsoft Azure portal.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Enable Remote Debugging
Before we start a debugging session to our Azure Function app we need to enable the functionality.

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

≫ Go to the "Application settings"

≫ Under "Debugging" set Remote Debugging to On and set Remote Visual Studio version to 2017. Reference:
https://www.locktar.nl/uncategorized/azure-remote-debugging-manually-in-visual-studio-2017/

NEW QUESTION 302
- (Exam Topic 4)
You are building a Microsoft ASP.NET application that requires authentication. You need to authenticate users by using Azure Active Directory (Azure AD). What should you do first?

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

Answer: C

Explanation:
Register your application to use Azure Active Directory. Registering the application means that your developers can use Azure AD to authenticate users and request access to user resources such as email, calendar, and documents.
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/manage-apps/developer-guidance-for-integrating-applic https://docs.microsoft.com/en-us/azure/active-

directory/develop/quickstart-v2-aspnet-webapp

NEW QUESTION 303
- (Exam 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: A

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 308
- (Exam 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.

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

NEW QUESTION 311
- (Exam 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 VS 2017 agent pool. Include the Java Tool Installer task in the build pipeline.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead use Octopus Tentacle. References:
https://explore.emtecinc.com/blog/octopus-for-automated-deployment-in-devops-models

NEW QUESTION 314
- (Exam Topic 4)
You have an Azure DevOps organization named Contoso, an Azure DevOps project named Project1, an Azure subscription named Sub1, and an Azure key vault named vault1.
You need to ensure that you can reference the values of the secrets stored in vault1 in all the pipelines of Project1. The solution must prevent the values from being stored in the pipelines.
What should you do?

A. Create a variable group in Project1.
B. Add a secure file to Project1.
C. Modify the security settings of the pipelines.
D. Configure the security policy of Contoso.

Answer: A

Explanation:
Use a variable group to store values that you want to control and make available across multiple pipelines. References:
https://docs.microsoft.com/en-us/azure/devops/pipelines/library/variable-groups
https://docs.microsoft.com/en-us/azure/devops/pipelines/library/variable-groups?view=azure-devops&tabs=yam

NEW QUESTION 319
- (Exam 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
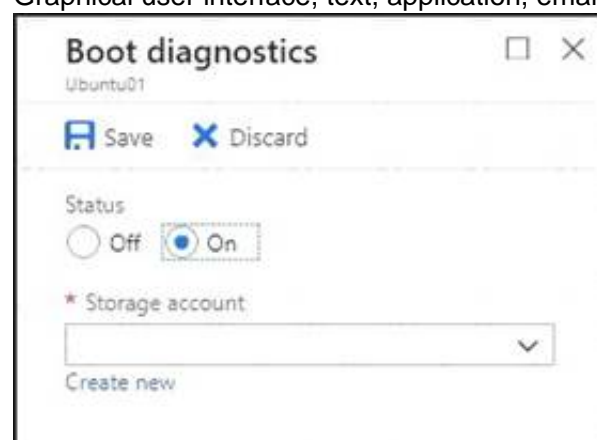To enable Boot diagnostics on an existing virtual machine, follow these steps: Sign in to the Azure portal, and then select the virtual machine VM1.
In the Support + troubleshooting section, select Boot diagnostics, then select the Settings tab.
In Boot diagnostics settings, change the status to On, and from the Storage account drop-down list, select the storage account az400lod11566895stor.
Save the change.
Graphical user interface, text, application, email Description automatically generated

You must restart the virtual machine for the change to take effect. Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-account-create https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/boot-diagnostics

NEW QUESTION 322
- (Exam Topic 4)
You have a build pipeline in Azure Pipelines that occasionally fails.
You discover that a test measuring the response time of an API endpoint causes the failures. You need to prevent the build pipeline from failing due to The test.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point

A. Enable Test Impact Analysis (TIA).
B. Enable test slicing.
C. Clear Flaky tests included in test pass percentage
D. Set Flaky test detection to Off
E. Manually mark the test as flaky.

Answer: CE

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/devops/pipelines/test/flaky-test-management

NEW QUESTION 324
- (Exam Topic 4)
You have a GitHub repository.
You create a new repository in Azure DevOps.
You need to recommend a procedure to clone the repository from GitHub to Azure DevOps. What should you recommend?

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

Answer: D

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

> Select Repos, Files.

> From the repo drop-down, select Import repository.

> If the source repo is publicly available, just enter the clone URL of the source repository and a name for your new Git repository.
References:
https://docs.microsoft.com/en-us/azure/devops/repos/git/import-git-repository?view=azure-devops

NEW QUESTION 327
- (Exam Topic 4)
You have an Azure subscription that uses Azure Automation State Configuration to manage the configuration of virtual machines.
You need to identify which nodes are noncompliant.
How should you complete the query? 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.

Values	Answer Area
Category	AzureDiagnostics
DscReportStatus	| where [____] == "DscNodeStatus"
Message	| where [____] contains ""
OperationName	| where [____] != "Compliant"
Resource	
ResultType	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text Description automatically generated
https://learn.microsoft.com/fr-fr/azure/automation/automation-dsc-diagnostics

NEW QUESTION 328
......

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