



Microsoft

Exam Questions AZ-400

Microsoft Azure DevOps Solutions (beta)

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NEW QUESTION 1

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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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 2

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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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 add a trigger to the build pipeline. Does this meet the goal?

- A. Yes
- B. NO

Answer: B

Explanation:

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

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

NEW QUESTION 3

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 Triggers tab of the build pipeline, you select Enable continuous integration.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

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

„hSelect the Triggers tab.

„hEnable Continuous integration.

A continuous integration trigger on a build pipeline indicates that the system should automatically queue a new build whenever a code change is committed.

References:

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

NEW QUESTION 4

Your company has a hybrid cloud between Azure and Azure Stack.

The company uses Azure DevOps for its CI/CD pipelines. Some applications are built by using Erlang and Hack.

You need to ensure that Erlang and Hack are supported as part of the build strategy across the hybrid cloud. The solution must minimize management overhead.

What should you use to execute the build pipeline?

- A. AzureDevOps self-hosted agents on Azure DevTest Labs virtual machines.
- B. AzureDevOps self-hosted agents on virtual machine that run on Azure Stack
- C. AzureDevOps self-hosted agents on Hyper-V virtual machines
- D. a Microsoft-hosted agent

Answer: B

Explanation:

Azure Stack offers virtual machines (VMs) as one type of an on-demand, scalable computing resource. You can choose a VM when you need more control over the computing environment.

References: <https://docs.microsoft.com/en-us/azure/azure-stack/user/azure-stackQuestions&AnswersPDF> P-11 compute-overview

NEW QUESTION 5

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.

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

NEW QUESTION 6

HOTSPOT

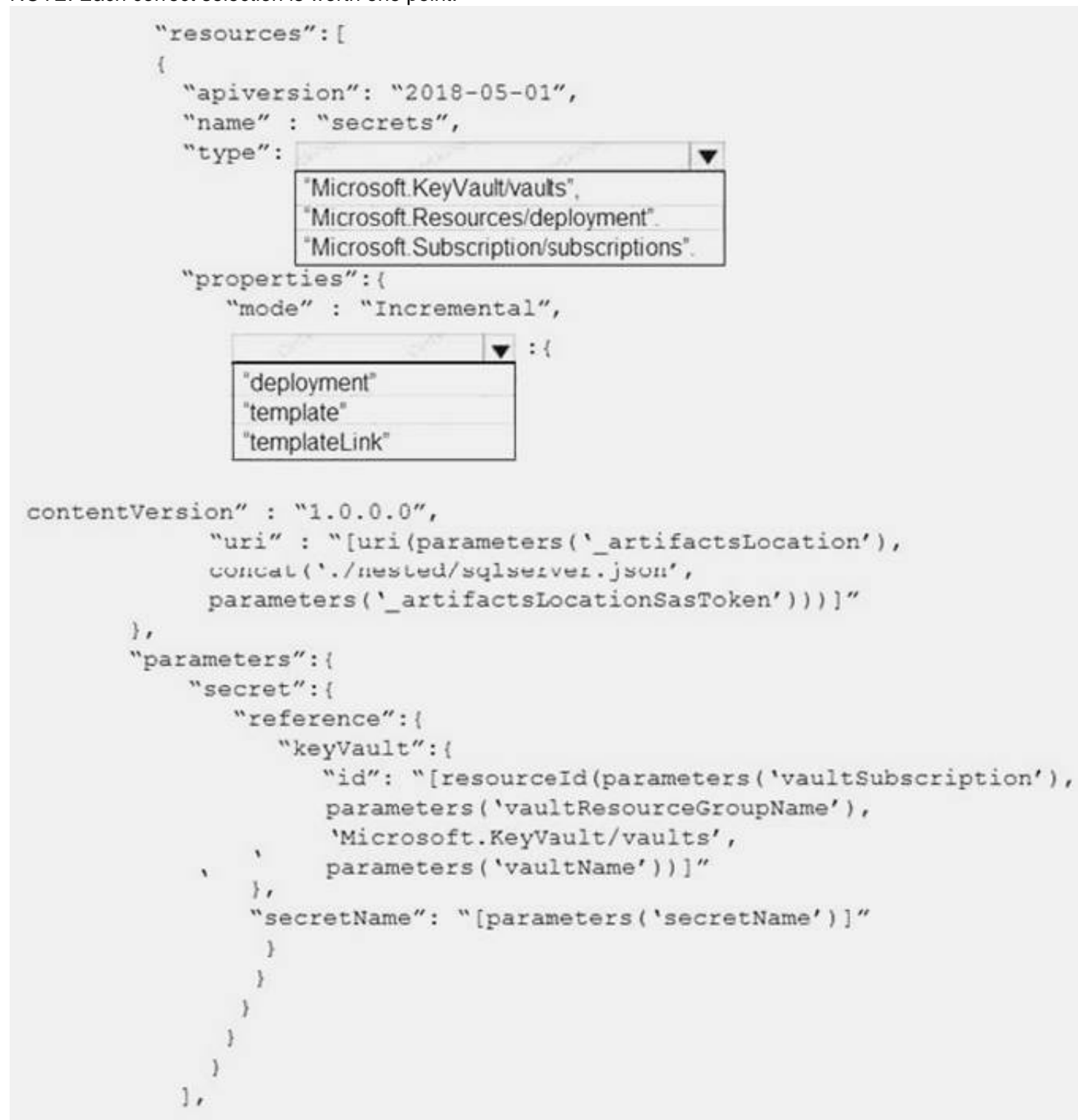
You have a project Azure DevOps.

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

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

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

NOTE: Each correct selection is worth one point.



```

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

```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```

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

```

NEW QUESTION 7

DRAG DROP

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.

Commands	Answer Area
helm install	
kubect1 create	
helm completion	
helm init	
helm serve	

- 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 8

You manage build pipelines and deployment pipelines by using Azure DevOps.

Your company has a team of 500 developers. New members are added continual to the team

You need to automate the management of users and licenses whenever possible Which task must you perform manually?

- A. modifying group memberships
- B. procuring licenses
- C. adding users
- D. assigning entitlements

Answer: B

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/devops/organizations/accounts/migrate-togroup-based-resource-management?view=vsts&tabs=new-nav>

<https://docs.microsoft.com/en-us/rest/api/azure/devops/memberentitlementmanagement/?view=azure-devopsrest-5.0>

NEW QUESTION 9

Your company uses Azure DevOps for the build pipelines and deployment pipelines of Java based projects. You need to recommend a strategy for managing technical debt.

Which two actions should you include in the recommendation? Each correct answer presents part of the solution

NOTE: Each correct selection is worth one point.

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

Answer: AC

NEW QUESTION 10

Your company deploys applications in Docker containers.

You want to detect known exploits in the Docker images used to provision the Docker containers.

You need to integrate image scanning into the application lifecycle. The solution must expose the exploits as early as possible during the application lifecycle.

What should you configure?

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

Answer: C

Explanation:

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

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

or Azure Container registry.

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

NEW QUESTION 10

Your company has an on-premises Bitbucket Server that is used for Git-based source control. The server is protected by a firewall that blocks inbound Internet traffic.

You plan to use Azure DevOps to manage the build and release processes Which two components are required to integrate Azure DevOps and Bitbucket? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. an External Git service connection
- B. a Microsoft hosted agent
- C. service hooks
- D. a self-hosted agent
- E. a deployment M group

Answer: AD

Explanation:

When a pipeline uses a remote, 3rd-party repository host such as Bitbucket Cloud, the repository is configured with webhooks that notify Azure Pipelines Server or

TFS when code has changed and a build should be triggered. Since on-premises installations are normally protected behind a firewall, 3rd-party webhooks are unable to reach the on-premises server. As a workaround, you can use the External Git repository type which uses polling instead of webhooks to trigger a build when code has changed.

References: <https://docs.microsoft.com/enus/ azure/devops/pipelines/repos/pipeline-options-for>

NEW QUESTION 14

DRAG DROP

You are configuring Azure DevOps build pipelines. You plan to use hosted build agents.

Which build agent pool should you use to compile each application type? To answer, drag the appropriate built agent pools to the correct application types. Each built agent pool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Build Agent Pools	Answer Area
Hosted Windows Container	
Hosted Ubuntu 1604	
Hosted macOS	An application that runs on iOS: <input type="text"/>
Hosted	An Internet Information Services (IIS) web application that runs in Docker: <input type="text"/>
Default	

- 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.

Incorrect Answers:

Default pool: Use it to register self-hosted agents that you've set up.

Hosted Windows Container pool (Azure Pipelines only): Enabled you to build and release inside Windows containers. Unless you're building using containers, Windows builds should run in the Hosted VS2017 or Hosted pools.

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

NEW QUESTION 19

You have an Azure Resource Manager template that deploys a multi-tier application. You need to prevent the user who performs the deployment from viewing the account credentials and connection strings used by the application.

What should you use?

- A. an Azure Resource Manager parameter file
- B. an Azure Storage table
- C. an Appsettings.json files
- D. Azure Key Vault
- E. a Web.config file

Answer: D

Explanation:

When you need to pass a secure value (like a password) as a parameter during deployment, you can retrieve the value from an Azure Key Vault. You retrieve the value by referencing the key vault and secret in your parameter file. The value is never exposed because you only reference its key vault ID. The key vault can exist in a different subscription than the resource group you are deploying to. References: <https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-manager-keyvault-parameter>

NEW QUESTION 22

HOTSPOT

Your company is creating a suite of three mobile applications.

You need to control access to the application builds. The solution must be managed at the organization level.

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

Groups to control the build access:

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

Group type:

Private
Public
Shared

- 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 26

Your company uses a Git repository in Azure Repos to manage the source code of a web application. The master branch is protected from direct updates. Developers work on new features in the topic branches. Because of the high volume of requested features, it is difficult to follow the history of the changes to the master branch. You need to enforce a pull request merge strategy. The strategy must meet the following requirements:

• Consolidate commit histories

• Merge changes into a single commit

Which merge strategy should you use in the branch policy?

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

Answer: C

Explanation:

Squash merging is a merge option that allows you to condense the Git history of topic branches when you complete a pull request. Instead of each commit on the topic branch being added to the history of the default branch, a squash merge takes all the file changes and adds them to a single new commit on the default branch. A simple way to think about this is that squash merge gives you just the file changes, and a regular merge gives you the file changes and the commit history. Note: Squash merging keeps your default branch histories clean and easy to follow without demanding any workflow changes on your team. Contributors to the topic branch work how they want in the topic branch, and the default branches keep a linear history through the use of squash merges. The commit history of a master branch updated with squash merges will have one commit for each merged branch. You can step through this history commit by commit to find out exactly when work was done.

References: <https://docs.microsoft.com/en-us/azure/devops/repos/git/merging-withQuestions>
& Answers PDF P-43 squash

NEW QUESTION 30

Your company uses cloud-hosted Jenkins for builds.

You need to ensure that Jenkins can retrieve source code from Azure Repos. Which three actions should you perform? Each correct answer presents part of the solution

NOTE: Each correct answer selection is worth one point

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

Answer: ABE

Explanation:

References:

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

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

NEW QUESTION 35

You are developing an open source solution that uses a GitHub repository. You create a new public project in Azure DevOps.

You plan to use Azure Pipelines for continuous build. The solution will use the GitHub Checks API. Which authentication type should you use?

- A. a personal access token
- B. SAML
- C. GitHub App
- D. OAuth

Answer: D

Explanation:

You can authenticate as a GitHub App.

References: <https://developer.github.com/apps/building-github-apps/authenticating-with-github-apps/>

NEW QUESTION 38

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/feedpermissions?view=vsts&tabs=new-nav>

NEW QUESTION 42

Your company is concerned that when developers introduce open source Libraries, it creates licensing compliance issues.

You need to add an automated process to the build pipeline to detect when common open source libraries are added to the code base.

What should you use?

- A. Code Style
- B. Microsoft Visual SourceSafe
- C. Black Duck
- D. Jenkins

Answer: C

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 43

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-security-as-reported-by-your-cicd-pipeline/>

NEW QUESTION 44

You have multi-tier application that has an Azure Web Apps front end and an Azure SQL Database back end.

You need to recommend a solution to capture and store telemetry data.

- A. 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.
- B. What should you include in the recommendation?

- C. Azure Application Insights
- D. Azure SQL Database Intelligent Insights
- E. Azure Event Hubs
- F. Azure Log Analytics

Answer: D

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/collectazurepass-posh>

NEW QUESTION 49

Your company creates a web application.

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

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

NOTE: Each correct selection is worth one point.

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

Answer: CE

Explanation:

References:

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

NEW QUESTION 53

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has a project in Azure DevOps for a new web application. You need to ensure that when code is checked in, a build runs automatically.

Solution: From the Pre-deployment conditions settings of the release pipeline, you select After stage.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

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

„hSelect the Triggers tab.

„hEnable Continuous integration. References:

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

NEW QUESTION 56

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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

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

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

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

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

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

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

Approvals and gates give you additional control over the start and completion of the deployment pipeline. Each stage in a release pipeline can be configured with predeployment and post-deployment conditions that can include waiting for users to

manually approve or reject deployments, and checking with other automated systems until specific conditions are verified.

NEW QUESTION 60

unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution

After you answer a question in this section, you will NOT be able to return to it. As a result these questions will not appear in the review screen.

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

commits
changes to a branch in Azure Repos.
Solution: You create a service hook subscription that uses the build completed event Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 63

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
jE Collect crash reports for issue analysis
jE Distribute beta releases to your testers.
jE 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

NEW QUESTION 68

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. Octopus
- B. Chef
- C. Maven
- D. Grunt

Answer: A

NEW QUESTION 73

Your company has a project in Azure DevOps.
You need to ensure that when there are multiple builds pending deployment only the most recent build is deployed.
What should you use?

- A. deployment queue settings
- B. deployment conditions
- C. release gates
- D. pull request triggers

Answer: A

NEW QUESTION 75

DRAG DROP

You are implementing a package management solution for a Node.js application by using Azure Artifacts.
You need to configure the development environment to connect to the package repository. The solution must minimize the likelihood that credentials will be leaked.
Which file should you use to configure each connection? To answer, drag the appropriate files to the correct connections. Each file may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content
NOTE: Each correct selection is worth one point.



The screenshot shows a configuration interface for Azure Artifacts. On the left, under the heading "Files", there is a list of four items: "The .npmrc file in the project", "The .npmrc file in the user's home folder", "The Package.json file in the project", and "The Project.json file in the project". On the right, under the heading "Answer Area", there are two labels: "registry information:" and "Credentials:". Each label has a corresponding input field labeled "File". A vertical scrollbar is visible between the two panes, and a horizontal scrollbar is at the bottom of the answer area.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Registry information:	The Project.json file in the project
Credentials:	The .npmrc file in the user's home folder

NEW QUESTION 79

HOTSPOT

How should you complete the code to initialize App Center in the mobile application? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
MSAppCenter.start
( "{Your App Secret}",
  withServices:
)
```

<input type="checkbox"/> [MSAnalytics.self, [MSDistribute.self, [MSPush.self,	<input type="checkbox"/> [MSAnalytics.self, [MSCrashes.self, [MSDistribute.self]
---	--

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Scenario: Visual Studio App Center must be used to centralize the reporting of mobile application crashes and device types in use.

In order to use App Center, you need to opt in to the service(s) that you want to use, meaning by default no services are started and you will have to explicitly call each of them when starting the SDK.

Insert the following line to start the SDK in your app's AppDelegate class in the didFinishLaunchingWithOptions method.

MSAppCenter.start("{Your App Secret}", withServices: [MSAnalytics.self, MSCrashes.self])

References: <https://docs.microsoft.com/en-us/appcenter/sdk/getting-started/ios>

NEW QUESTION 84

HOTSPOT

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

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

Required secrets:

<input type="checkbox"/> Certificate
<input type="checkbox"/> Personal access token
<input type="checkbox"/> Shared Access Authorization token
<input type="checkbox"/> Username and password

Storage location:

<input type="checkbox"/> Azure Data Lake
<input type="checkbox"/> Azure Key Vault
<input type="checkbox"/> Azure Storage with HTTP access
<input type="checkbox"/> 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 89

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 with Register-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 $vmname
  -ConfigurationMode 'ApplyOnly'
```

References: <https://docs.microsoft.com/enus/powershell/module/azurerm.automation/registerazurermautomationdscnode?view=azurerm-ps-6.13.0>

NEW QUESTION 92

Where should the build and release agents for the investment planning applications suite run? 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:



Case Study: 2 Overview

Existing Environment

This is a case study Case studies are not limed separately. You can use as much exam time at you would like to complete each case. However there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided m the case study Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of the case study, a review screen will appear. This screen allows you to review your answers and to mate changes before you move to the next section of the exam, After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttions in the left pane to explore the content of the case study before you answer the questions. Clicking these buttions displays information such as business requirements, existing environment and problem statements. If the case study has an All Information tab, note that the information displayed on identical to the Information displayed on the subsequent tabs. When you are ready to answer a question, click the question button to return to the question.

Requirements

Contoso plans to improve its IT development and operations processes implementing Azue DevOps principles. Contoso has an Azure subscription and creates an Azure DevOPs organization.

The Azure DevOps organization includes:

„hThe Docker extension

„hA deployment pool named Pool7 that contains 10 Azure virtual machines that run Windows Server 2016.

The Azure subscription contains an Azure Automation account. Planned Changes

Contoso plans to create projects in Azure DevOps as shown in the following table.

Project name	Project details
Project 1	Project1 will provide support for incremental builds and third-party SDK components
Project 2	Project2 will use an automatic build policy. A small team of developers named Team2 will work independently on changes to the project. The Team2 members will not have permissions to Project2.
Project 3	Project3 will be integrated with SonarQube
Project 4	Project4 will provide support for a build pipeline that creates a Docker image and pushes the image to the Azure Container Registry. Project4 will use an existing Dockerfile.
Project 5	Project5 will contain a Git repository in Azure Reports and a continuous integration trigger that will initiate a build in response to any change except for changes within /folder1 of the repository.
Project 6	Project6 will provide support for build and deployment pipelines. Deployment will be allowed only if the number of current work items representing active software bugs is 0.
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.

Technical Requirements

Contoso identifies the following technical requirements:

- Implement build agents for Project 1.
- Whenever possible, use Azure resources
- Avoid using deprecated technologies
- Implement a code flow strategy for Project2 that will:
 - Enable Team 2 to submit pull requests for Project2.
 - Enable Team 2 to work independently on changes to a copy of Project?
 - Ensure that any intermediary changes performed by Team2 on a copy of Project2 will be subject to the same restrictions as the ones defined in the build policy of Project2.
- Whenever possible, implement automation and minimize administrative effort.
- Implement Project3, Project5, Project6, and Project7 based on the planned changes.
- Implement Project4 and configure the project to push Docker images to Azure Container Registry.

NEW QUESTION 94

HOTSPOT

How should you configure the filters for the Project5 trigger? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Set a /folder1.

branch filter to exclude
 branch filter to include
 path filter to exclude
 path filter to include

Set a /.

branch filter to exclude
 branch filter to include
 path filter to exclude
 path filter to include

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Scenario:

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

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

NEW QUESTION 97

DRAG DROP

You need to implement Project6.

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

Actions

Open the release pipeline editor.

Open the **Triggers** tab.

Disable the continuous integration trigger.

Enable Gates.

Add a manual intervention task.

Add Query Work Items.

1

2

3

>

<

Answer Area

^

v

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Open the release pipeline editor.

Open the **Triggers** tab.

Disable the continuous integration trigger.

>

<

Answer Area

1

Add a manual intervention task.

2

Add Query Work Items.

3

Enable Gates.

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NEW QUESTION 99

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