Exam Questions AZ-400

Microsoft Azure DevOps Solutions (beta)

https://www.2passeasy.com/dumps/AZ-400/

NEW QUESTION 1
Note: This question is part of a ser les 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 m this section, you will NOT be able to return to it As a result, these questions will not appear m the review screen
You integrate a cloud-hosted Jenkins server and a new Azure Dev Ops deployment. You need Azure Dev Ops lo send a notification to Jenkins when a developer commits changes to a branch in Azure Repos.
Solution: You create an email subscription to an Azure DevOps notification. 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 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 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 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.
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 haw a pokey stating that approvals must occur within eight hours.
You discover that deployments only if the approvals take longer than two hours. You need to ensure that the deployments only fail if the approvals take longer than hours.
Solution From Post -deployment conditions, you modify the Timeout setting for post-deployment approvals.
Does this meet the goal?

A. Yes
B. NO

Answer: B

NEW QUESTION 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 reevaluation 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/enus/ azure/devops/pipelines/release/approvals/gates

NEW QUESTION 5
You plan to create an image that will contain a .NET Core application.
You have a Dockerfile file that contains the following code. (Line numbers are included for reference only.)

```
01 FROM microsoft/dotnet:2.1-sdk
02 COPY ./
03 RUN dotnet publish -c Release -o out
04 FROM microsoft/dotnet:2.1-sdk
05 COPY -from=0 /out /
06 WORKDIR /
07 ENTRYPOINT ["dotnet", "appl.dll"]
```

You need to ensure that the image is as small as possible when the image is built. Which line should you modify in the file?

A. 1
B. 3
C. 4
D. 7

Answer: A

Explanation:
Multi-stage builds (in Docker 17.05 or higher) allow you to drastically reduce the size of your final image, without struggling to reduce the number of intermediate layers and files.
With multi-stage builds, you use multiple FROM statements in your Dockerfile. Each FROM instruction can use a different base, and each of them begins a new stage of the build. You can selectively copy artifacts from one stage to another, leaving behind everything you don¡¦t want in the final image.
References: https://docs.docker.com/develop/develop-images/multistage-build/#usemulti- stage-builds

NEW QUESTION 6
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 7
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",
          "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')]"
        }
      }
    }
  }
],
```

A. Mastered
B. Not Mastered

Answer: A

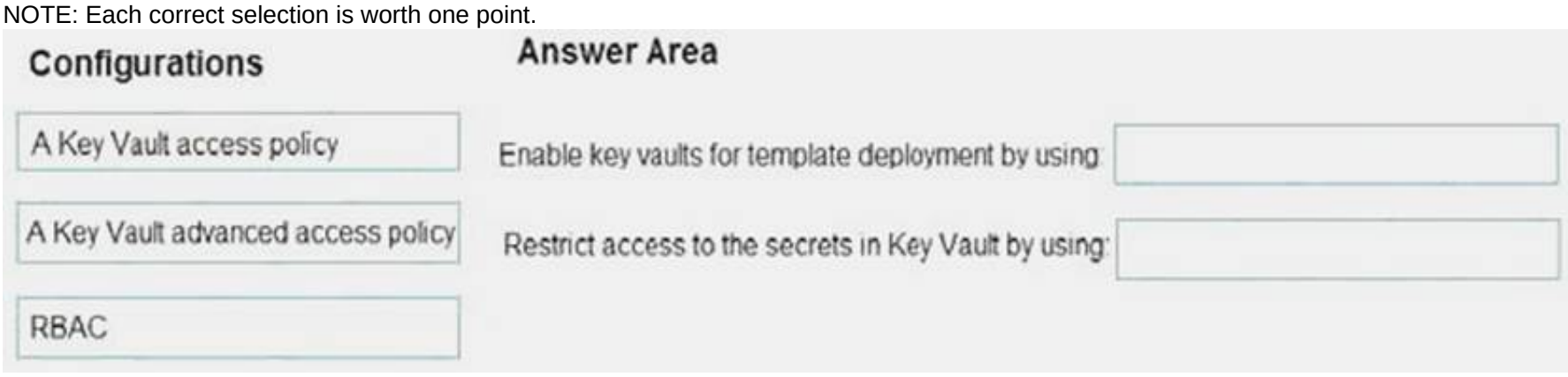
Explanation:

```
"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')]"
           }
          }
         }
        }
      }
    ],
```

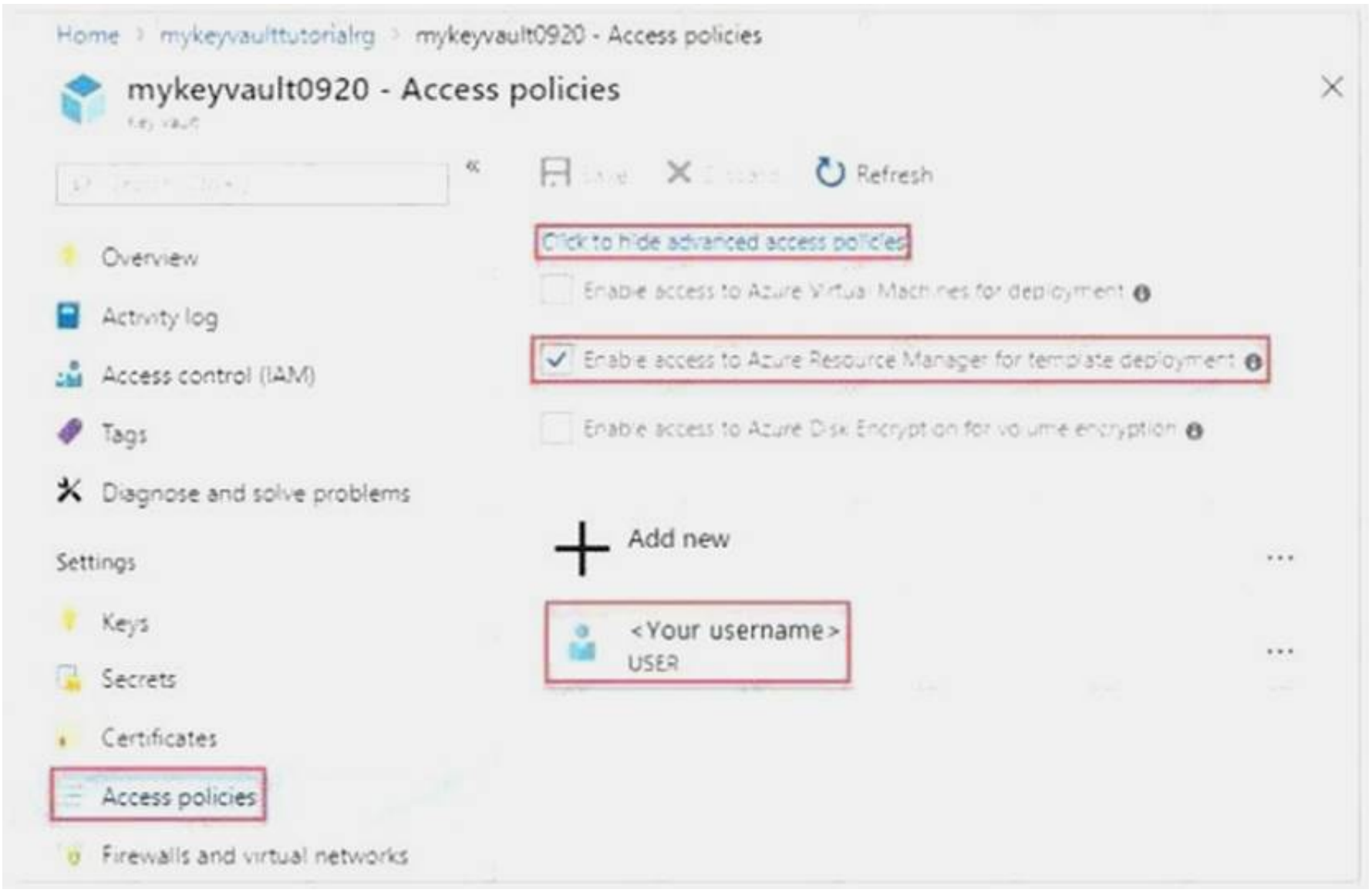
NEW QUESTION 8
DRAG DROP
Your company has a project in Azure DevOps.
You plan to create a release pipeline that will deploy resources by using Azure Resource Manager templates. The templates will reference secrets stored in Azure Key Vault.
You need to recommend a solution for accessing the secrets stored 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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: A key Vault advanced access policy



Box 2: RBAC
Management plane access control uses RBAC.
The management plane consists of operations that affect the key vault itself, such as:
„hCreating or deleting a key vault.
„hGetting a list of vaults in a subscription.
„hRetrieving Key Vault properties (such as SKU and tags).
„hSetting Key Vault access policies that control user and application access to keys and secrets.
References: https://docs.microsoft.com/en-us/azure/azure-resourcemanager/resource-manager-tutorial-use-key-vault

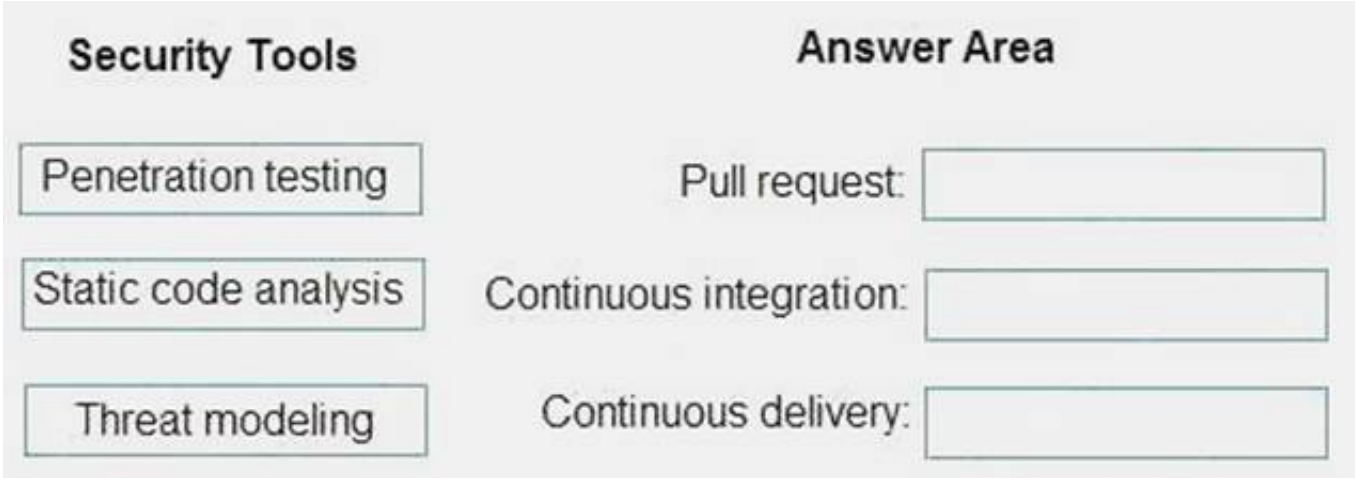
NEW QUESTION 9
During a code review, you discover many quality issues. Many modules contain unused variables and empty catch Modes. You need to recommend a solution to improve the quality o' the code. What should you recommend?

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 PM

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 10
DRAG DROP
You need to increase the security of your team's development process.
Which type of security tool should you recommend for each stage of the development process? To answer, drag the appropriate security toots to the correct stages. Each security 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: Threat modeling
Threat modeling¡¦s motto should be, ¡§The earlier the better, but not too late and never ignore.¡¨
Box 2: Static code analysis
Validation in the CI/CD begins before the developer commits his or her code. Static code analysis tools in the IDE provide the first line of defense to help ensure that security vulnerabilities are not introduced into the CI/CD process.
Box 3: Penetration testing
Once your code quality is verified, and the application is deployed to a lower environment like development or QA, the process should verify that there are not any security vulnerabilities in the running application. This can be accomplished by executing automated penetration test against the running application to scan it for vulnerabilities.
References: https://docs.microsoft.com/en-us/azure/devops/articles/securityvalidation- cicd-pipeline?view=vsts

NEW QUESTION 10
Your company plans to use an agile approach to software development You need to recommend an application to provide communication between members of the development team who work in locations around the world. The
application must meet the following requirements:
¡E Provide the ability to isolate the members of efferent project teams into separate communication channels and to keep a history of the chats within those channels.
¡E Be available on Windows 10, Mac OS, iOS, and Android operating systems.
¡E Provide the ability to add external contractors and suppliers to projects.
¡E Integrate directly with Azure DevOps. What should you recommend?

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

Answer: D

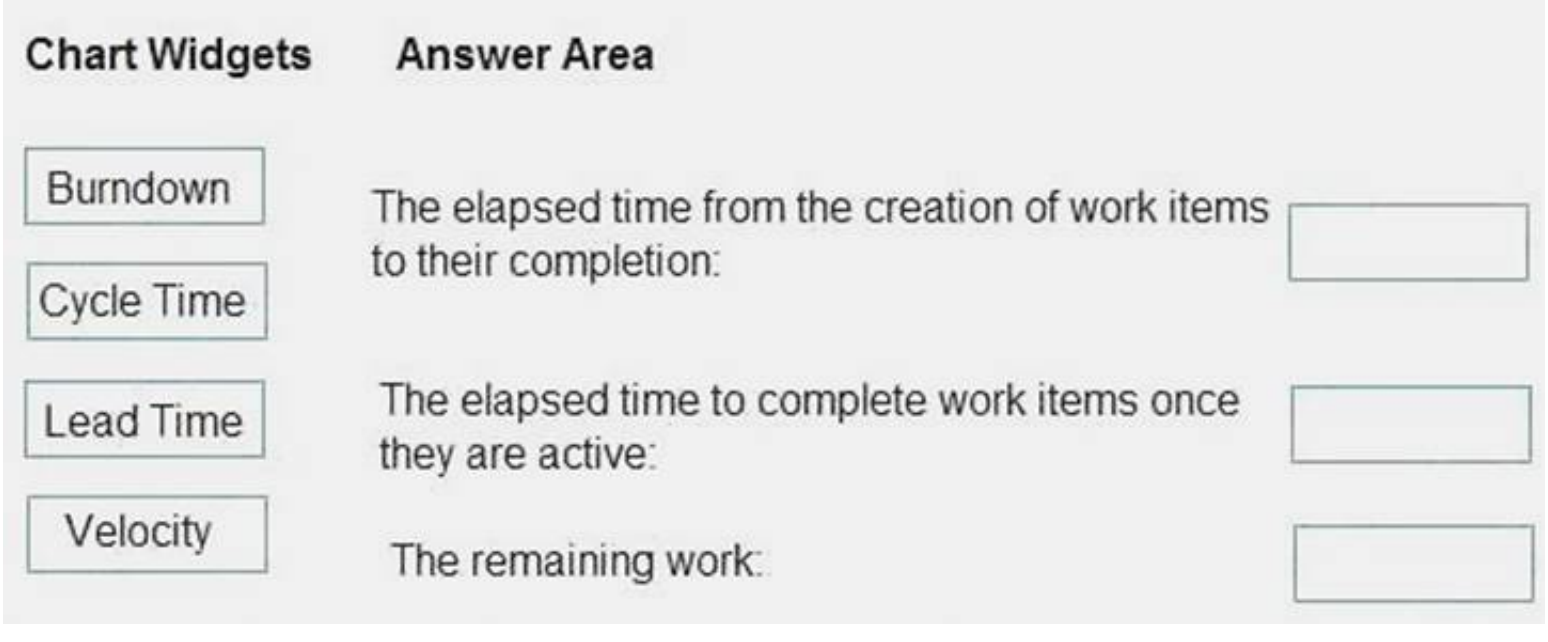
Explanation:
Slack is a popular team collaboration service that helps teams be more productive by keeping all communications in one place and easily searchable from virtually anywhere. All your messages, your files, and everything from Twitter, Dropbox, Google Docs, Azure DevOps, and more all together. Slack also has fully native apps for iOS and Android to give you the full functionality of Slack wherever you go. Integrated with Azure DevOps
This integration keeps your team informed of activity happening in its Azure DevOps projects. With this integration, code check-ins, pull requests, work item updates, and build events show up directly in your team's Slack channel.
Note: Microsoft Teams would also be a correct answer, but it is not an option here. References:
https://marketplace.visualstudio.com/items?itemName=ms-vsts.vss-services-slack

NEW QUESTION 11
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 pipelin

Answer: AC

NEW QUESTION 15
DRAG DROP
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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

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. Incorrect Answers:
Velocity provides a useful metric for these activities: Support sprint planning
Forecast future sprints and the backlog items that can be completed
A guide for determining how well the team estimates and meets their planned
commitments References:
https://docs.microsoft.com/en-us/azure/devops/report/dashboards/velocityguidance? view=vsts
https://docs.microsoft.com/en-us/azure/devops/report/dashboards/cycle-time-andlead- time?view=vsts
https://docs.microsoft.com/en-us/azure/devops/report/dashboards/configureburndown- burnup-widgets?view=vsts

NEW QUESTION 19
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: D

Explanation:
Application Map helps you spot performance bottlenecks or failure hotspots across all components of your distributed application. Each node on the map represents an application component or its dependencies; and has health KPI and alerts status. References: https://docs.microsoft.com/en-us/azure/azure-monitor/app/app-map

NEW QUESTION 21
HOTSPOT
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

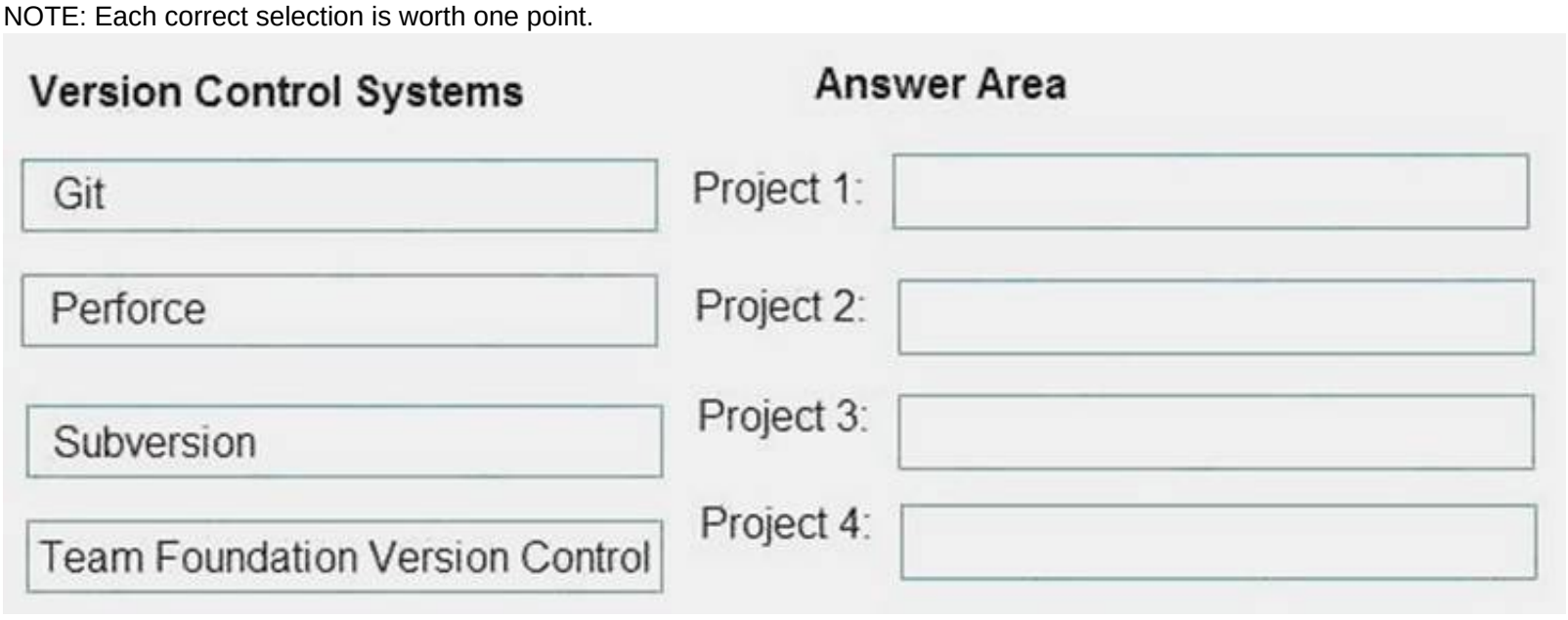
Answer: A

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/enus/ azure/devops/pipelines/release/triggers

NEW QUESTION 23
DRAG DROP
Your company has four projects. The version control requirements for each project are shown in the following table.

Project	Requirement
Project 1	Project leads must be able to restrict access to individual files and folders in the repository.
Project 2	The version control system must enforce the following rules before merging any changes to the main branch. • Changes must be reviewed by at least two project members. • Changes must be associated to at least one work team.
Project 3	The project members must be able to work in Azure Repos directly from Xcode.
Project 4	The release branch must only be viewable or editable by the project leads.

You plan to use Azure Repos for all the projects.
Which version control system should you use for each project? To answer, drag the appropriate version control systems to the correct projects. Each version control system 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: Team Foundation Version Control
TFVC lets you apply granular permissions and restrict access down to a file level. Box 2: Git
Git is the default version control provider for new projects. You should use Git for version control in your projects unless you have a specific need for centralized version control features in TFVC.
Box 3: Subversion
Note: Xcode is an integrated development environment (IDE) for macOS containing a suite of software development tools developed by Apple
Box 4: Git
Note: Perforce: Due to its multitenant nature, many groups can work on versioned files. The server tracks changes in a central database of MD5 hashes of file content, along with descriptive meta data and separately retains a master repository of file versions that can be verified through the hashes.
References: https://searchitoperations.techtarget.com/definition/Perforce-Software
https://docs.microsoft.com/en-us/azure/devops/repos/git/share-your-code-in-gitxcode https://docs.microsoft.com/en-us/azure/devops/repos/tfvc/overview

NEW QUESTION 26
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/branchpolicies

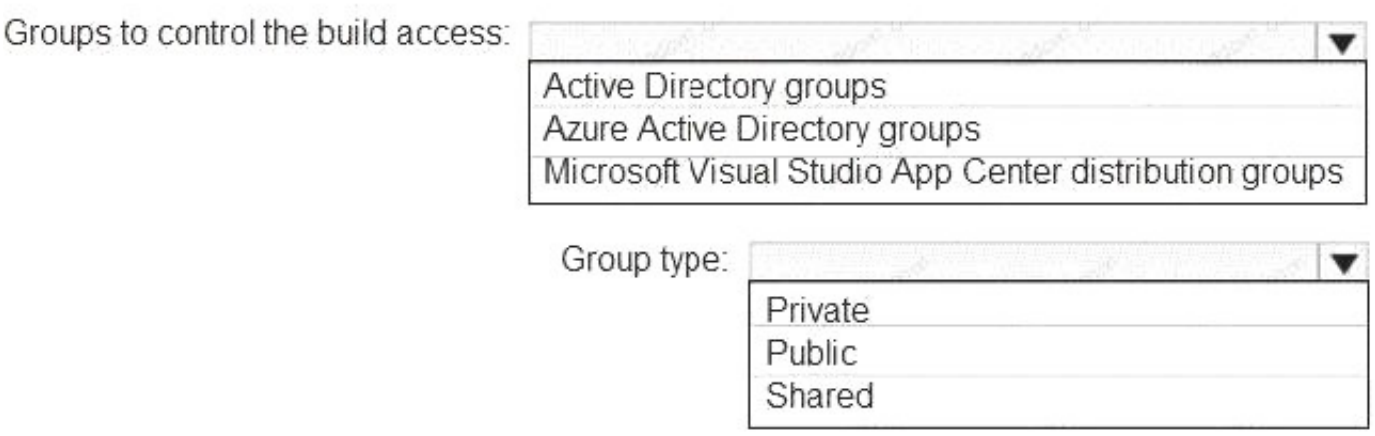
NEW QUESTION 31
You have an Azure Resource Manager template that deploys a multi-tier application. You need to prevent the user who performs the deployment from viewing the account credentials and connection strings used by the application.
What should you use?

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-resourcemanager/resource-manager-keyvault-parameter

NEW QUESTION 35
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 m the answer area. NOTE: Each correct selection is worth one point.



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 36
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 m your Azure DevOps account.
C. Create a webhook in Jenkins.
D. Add a domain to your Jenkins account.
E. Create a service hook m 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-usingjenkins- and-visual-studio-team-foundation-server/2044

NEW QUESTION 39
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

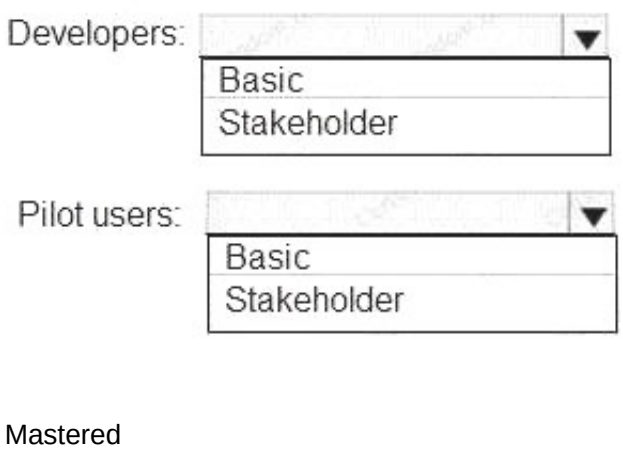
NEW QUESTION 41
You use Azure SQL Database Intelligent Insights and Azure Application Insights foe monitoring.
You need to write ad-hoc Queries against the monitoring data. Which Query language should you use?

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

Answer: C

Explanation:
Data analysis in Azure SQL Analytics is based on Log Analytics language for your custom querying and reporting.
References: https://docs.microsoft.com/en-us/azure/azure-monitor/insights/azure-sql

NEW QUESTION 42
HOTSPOT
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 m 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:
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 References: https://docs.microsoft.com/enus/azure/devops/organizations/security/access-levels?view=vsts

NEW QUESTION 46
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 50
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 53
Your company has a project in Azure DevOps for a new application. The application will be deployed to several Azure virtual machines that run Windows Server 2016.
You need to recommend a deployment strategy for the virtual machines. The strategy must meet the following requirements:
¡E Ensure that the virtual machines maintain a consistent configuration.
¡E Minimize administrative effort to configure the virtual machines What should you include in the recommendation?

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

Answer: C

Explanation:
Case Study: 1 Overview
Existing Environment
Litware, Inc. e an independent software vendor (ISV) Litware has a main office and five branch offices.
Application Architecture
The company¡¦ s primary application is a single monolithic retirement fund management system based on ASP.NE T web forms that use logic written in V8.NET. Some new sections of the application are written in C#.
Variations of the application are created for individual customers. Currently, there are more than 80 have code branches in the application¡¦s code base.
The application was developed by using Microsoft Visual Studio. Source code is stored in Team Foundation Server (TFS) in the main office. The branch offices access of the source code by using TFS proxy servers.
Architectural Issues
Litware focuses on writing new code for customers. No resources are provided to refactor or remove existing code. Changes to the code base take a long time, AS dependencies are not obvious to individual developers.
Merge operations of the code often take months and involve many developers. Code merging frequently introduces bugs that are difficult to locate and resolve.
Customers report that ownership costs of the retirement fund management system increase continually. The need to merge unrelated code makes even minor code changes expensive.
Requirements Planned Changes
Litware plans to develop a new suite of applications for investment planning. The investment planning Applications will require only minor integration with the easting retirement fund management system.
The investment planning applications suite will include one multi-tier web application and two iOS mobile applications. One mobile application will be used by employees; the other will be used by customers.
Litware plans to move to a more agile development methodology. Shared code will be extracted into a series of package.
Litware has started an internal cloud transformation process and plans to use cloud based services whenever suitable.
Litware wants to become proactive m detecting failures, rather than always waning for customer bug reports.
Technical Requirements
The company's investment planning applications suite must meet the following technical requirements:
¡E New incoming connections through the firewall must be minimized.
¡E Members of a group named Developers must be able to install packages.
¡E The principle of least privilege must be used for all permission assignments
¡E A branching strategy that supports developing new functionality in isolation must be used.
¡E Members of a group named Team leaders must be able to create new packages and edit the permissions of package feeds
¡E Visual Studio App Center must be used to centralize the reporting of mobile application crashes and device types in use.
¡E By default, all App Center must be used to centralize the reporting of mobile application crashes and device types in use.
¡E Code quality and release quality are critical. During release, deployments must not proceed between stages if any active bugs are logged against the release.
¡E 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 HUPS.

¡E The required operating system configuration tor the test servers changes weekly. Azure Automation State Configuration must be used to ensure that the operating system on each test servers configured the same way when the servers are created and checked periodically.
Current Technical
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'
```

NEW QUESTION 56
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 a worth one point.

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

[MSAnalytics.self,
[MSDistribute.self,
[MSPush.self,

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 60
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 $vmanme
  -ConfigurationMode 'ApplyOnly'
```

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

NEW QUESTION 64
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/enus/ powershell/module/azurerm.automation/register-azurermautomationdscnode

NEW QUESTION 69
.....

THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual AZ-400 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the AZ-400 Product From:

https://www.2passeasy.com/dumps/AZ-400/

Money Back Guarantee

AZ-400 Practice Exam Features:

* AZ-400 Questions and Answers Updated Frequently

* AZ-400 Practice Questions Verified by Expert Senior Certified Staff

* AZ-400 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* AZ-400 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year