# AZ-400 Dumps

# Microsoft Azure DevOps Solutions (beta)

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

**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 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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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:** 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 3**
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¡lt want in the final image.
References: https://docs.docker.com/develop/develop-images/multistage-build/#usemulti- stage-builds

**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& Answers PDF P-11 compute-overview

**NEW QUESTION 5**
You need to recommend a Docker container build strategy that meets the following requirements
¡E Minimizes image sues
¡E 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 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",
            "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 7**
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 8**
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 9**
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.

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

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 10**
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 10**
DRAG DROP
Your company plans to deploy an application to the following endpoints:
¡E Ten virtual machines hosted in Azure.
¡E Ten virtual machines hosted in an on-premises data center environment All the virtual machines have the- Azure Pipelines agent.
You need to implement a release strategy for deploying the application to the endpoints.
What should you recommend using to deploy the application to the endpoints? To answer, drag the appropriate components to the correct endpoint.
Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or soon to view content
NOTE: Each correct selection n worth one point.

| Components | Answer Area |
| --- | --- |
| A deployment group | |
| A management group | Ten virtual machines hosted in Azure: |
| A resource group | Ten virtual machines hosted in an on-premises data center environment: |
| Application roles | |

A. Mastered
B. Not Mastered

**Answer:** A

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

**NEW QUESTION 15**
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 20**
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 21**
Your company uses a Git repository in Azure Repos lo 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:
¡E Consolidate commit histories
¡E Merge tie changes into a tingle commit
Which merge strategy should you use in the branch policy?

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

**Answer:** C

**Explanation:**
Squash merging is a merge option that allows you to condense the Git history of topic branches when you complete a pull request. Instead of each commit on the topic branch being added to the history of the default branch, a squash merge takes all the file changes and adds them to a single new commit on the default branch. A simple way to think about this is that squash merge gives you just the file changes, and a regular merge gives you the file changes and the commit history. Note: Squash merging keeps your default branch histories clean and easy to follow without demanding any workflow changes on your team. Contributors to the topic branch work how they want in the topic branch, and the default branches keep a linear history through the use of squash merges. The commit history of a master branch updated with squash merges will have one commit for each merged branch. You can step through this history commit by commit to find out exactly when work was done.
References: https://docs.microsoft.com/en-us/azure/devops/repos/git/merging-withQuestions
& Answers PDF P-43 squash


**NEW QUESTION 22**
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. GrtHub App
D. OAuth

**Answer:** D

**Explanation:**
You can authenticate as a GitHub App.
References: https://developer.github.com/apps/building-github-apps/authenticatingwith- github-apps/

**NEW QUESTION 25**
You plan to share packages that you wrote, tested, validated, and deployed by using Azure Artifacts.
You need to release multiple builds of each package by using a single feed. The solution must limit the release of packages that are in development.
What should you use?

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

**Answer:** C

**Explanation:**
Upstream sources enable you to manage all of your product's dependencies in a single feed. We recommend publishing all of the packages for a given product to that product's feed, and managing that product's dependencies from remote feeds in the same feed, via upstream sources. This setup has a few benefits:
„hSimplicity: your NuGet.config, .npmrc, or settings.xml contains exactly one feed (your feed).
„hDeterminism: your feed resolves package requests in order, so rebuilding
the same codebase at the same commit or changeset uses the same set of packages
„hProvenance: your feed knows the provenance of packages it saved via upstream sources, so you can verify that you're using the original package, not a custom or malicious copy published to your feed
„hPeace of mind: packages used via upstream sources are guaranteed to be saved in the feed on first use; if the upstream source is disabled/removed, or the remote feed goes down or deletes a package you depend on, you can continue to develop and build
References: https://docs.microsoft.com/enus/ azure/devops/artifacts/concepts/upstream-sources?view=vsts

**NEW QUESTION 28**
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 32**
Your company uses Service Now for incident management. You develop an application that runs on Azure.
The company needs to generate a ticket in Service Now when the application fails to authenticate.
Which Azure Log Analytics solution should you use?

A. Automation & Control
B. IT Service Management Connector (ITSM)
C. Application lmiQ.hu Connector
D. insight & Analytics

**Answer:** B

**Explanation:**
The IT Service Management Connector (ITSMC) allows you to connect Azure and a supported IT Service Management (ITSM) product/service.
ITSMC supports connections with the following ITSM tools:
„hServiceNow
„hSystem Center Service Manager
„hProvance
„hCherwell
With ITSMC, you can
„hCreate work items in ITSM tool, based on your Azure alerts (metric alerts, Activity Log alerts and Log Analytics alerts).
„hOptionally, you can sync your incident and change request data from your ITSM tool to an Azure Log Analytics workspace.
References: https://docs.microsoft.com/en-us/azure/azure-monitor/platform/itsmcoverview

**NEW QUESTION 35**
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 37**
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 applications must meet the following requirements:
„hProvide the ability to isolate the members of different project teams into separate
communication channels and to keep a history of the chats within those channels.
„hBe available on Windows 10, Mac OS, iOS, and Android operating systems.
„hProvide the ability to add external contractors and suppliers to projects.
„hIntegrate directly with Azure DevOps. What should you recommend?

A. Microsoft Project
B. Bamboo
C. Microsoft Lync
D. Microsoft Teams

**Answer:** D

**Explanation:**
„hWithin each team, users can create different channels to organize their communications by topic. Each channel can include a couple of users or scale to thousands of users.
„hMicrosoft Teams works on Android, iOS, Mac and Windows systems and devices. It also works in Chrome, Firefox, Internet Explorer 11 and Microsoft Edge web browsers.
„hThe guest-access feature in Microsoft Teams allows users to invite people outside their organizations to join internal channels for messaging, meetings and file sharing. This capability helps to facilitate business-to-business project management.
„hTeams integrates with Azure DevOps. References:
https://searchunifiedcommunications.techtarget.com/definition/Microsoft-Teams


**NEW QUESTION 42**
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 Batch changes while a build is in progress.
Does this meet the goal?

A. Yes
B. No

**Answer:** B

**Explanation:**
Use a Pull request trigger. Note: Batch changes
Select this check box if you have a lot of team members uploading changes often and you want to reduce the number of builds you are running. If you select this option, when a build is running, the system waits until the build is completed and then queues another build of all changes that have not yet been built.
References: https://docs.microsoft.com/en-us/azure/devops/pipelines/build/triggers


**NEW QUESTION 47**
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:
„hTwo resource groups
„hFour Azure virtual machines in one resource group
„hTwo 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:**
Use a main template and two linked templates.
References: https://docs.microsoft.com/en-us/azure/azure-resourcemanager/ resource-group-linked-templates

**NEW QUESTION 48**
Your company develops an app for OS. All users of the app have devices that are members of a private distribution group in Microsoft Visual Studio App Center.
You plan to distribute a new release of the app.
You need to identify which certificate file you require to distribute the new release from App Center.
Which file type should you upload to App Center?

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

**Answer:** D


**NEW QUESTION 51**
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.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
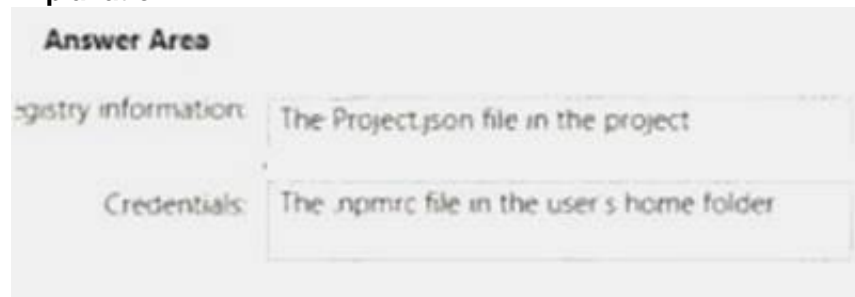



**NEW QUESTION 53**
Your company is concerned that when developers introduce open source libraries, it creates licensing compliance issues.
You need to add an automated process to the build pipeline to detect when common open source libraries are added to the code base.
What should you use?

A. PDM
B. OWASPZAP
C. WhiteSource
D. Jenkins

**Answer:** C


**NEW QUESTION 54**
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 57**
HOTSPOT
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/authorizewith- shared-key

**NEW QUESTION 60**
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 m the answer ate., 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/authorizewith- shared-key

**NEW QUESTION 65**
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 70**
What should you use to implement the code quality restriction on the release pipeline for the investment planning applications suite?

A. a trigger
B. a pre deployment approval
C. a post-deployment approval
D. a deployment gate

**Answer:** B

**Explanation:**
When a release is created from a release pipeline that defines approvals, the deployment stops at each point where approval is required until the specified approver grants approval or rejects the release (or re-assigns the approval to another user).
Scenario: Code quality and release quality are critical. During release, deployments must not proceed between stages if any active bugs are logged against the release. References: https://docs.microsoft.com/enus/ azure/devops/pipelines/release/approvals/approvals

**NEW QUESTION 71**
DRAG DROP
You need to configure Azure Automation for the computers in Pool7.
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 m the correct order.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 75**
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 m 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. | |

**Answer Area**

1
2
3

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. |

**NEW QUESTION 77**
......

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