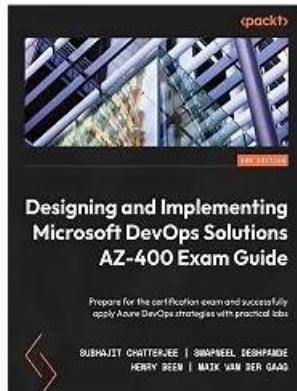# Free PDF High-quality AZ-400 - Practice Designing and Implementing Microsoft DevOps Solutions Engine

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The contents of AZ-400 study materials are all compiled by industry experts based on the AZ-400 examination outlines and industry development trends over the years. It does not overlap with the content of the AZ-400 question banks on the market, and avoids the fatigue caused by repeated exercises. Our AZ-400 Exam Guide is not simply a patchwork of exam questions, but has its own system and levels of hierarchy, which can make users improve effectively.

Microsoft AZ-400 is a certification exam that focuses on designing and implementing Microsoft DevOps solutions. DevOps is a methodology that combines software development and IT operations to deliver high-quality applications quickly and efficiently. The AZ-400 exam is designed to test the candidate's knowledge and skills in designing and implementing DevOps solutions using Microsoft Azure technologies. AZ-400 exam covers a wide range of topics, including continuous integration and delivery (CI/CD), infrastructure as code (IaC), deployment strategies, monitoring, and feedback.

The Designing and Implementing Microsoft DevOps Solutions certification exam consists of a combination of multiple-choice questions and performance-based scenarios that test the knowledge and skills of the candidates. AZ-400 Exam is challenging and requires a thorough understanding of DevOps practices and Microsoft Azure. However, passing the exam provides IT professionals with a valuable certification that demonstrates their expertise in DevOps and Microsoft Azure.

# AZ-400 Free Test Questions, AZ-400 Reliable Exam Book

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The Microsoft AZ-400 Exam consists of 40-60 multiple-choice questions and has a time limit of three hours. The questions are designed to assess the candidate's ability to design and implement DevOps solutions using Microsoft technologies, including Azure DevOps, Azure Resource Manager, and Visual Studio. Candidates who pass the exam receive the Microsoft Certified: DevOps Engineer Expert certification, which demonstrates their expertise in DevOps practices and provides them with a competitive edge in the job market.

## Microsoft Designing and Implementing Microsoft DevOps Solutions Sample Questions (Q421-Q426):

**NEW QUESTION # 421**
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You plan to update the Azure DevOps strategy of your company.
You need to identify the following issues as they occur during the company's development process:
Licensing violations
Prohibited libraries
Solution: You implement continuous integration.
Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

Explanation:
WhiteSource is the leader in continuous open source software security and compliance management. WhiteSource integrates into your build process, irrespective of your programming languages, build tools, or development environments. It works automatically, continuously, and silently in the background, checking the security, licensing, and quality of your open source components against WhiteSource constantly-updated definitive database of open source repositories.
Reference:
https://azuredevopslabs.com/labs/vstsextend/whitesource/

**NEW QUESTION # 422**
You need to recommend project metrics for dashboards in Azure DevOps.
Which chart widgets should you recommend for each metric? To answer, drag the appropriate chart widgets to the correct metrics. Each chart widget may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

**Chart Widgets** | **Answer Area**

Burndown

Cycle Time

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

Lead Time

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

Velocity

The remaining work: [_____]

**Answer:**

Explanation:

**Chart Widgets** | **Answer Area**

Burndown

Cycle Time

The elapsed time from the creation of work items to their completion: | Lead Time

Lead Time

The elapsed time to complete work items once they are active: | Cycle Time

Velocity

The remaining work: | Burndown

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:

References:
https://docs.microsoft.com/en-us/azure/devops/report/dashboards/velocity-guidance?view=vsts
https://docs.microsoft.com/en-us/azure/devops/report/dashboards/cycle-time-and-lead-time?view=vsts
https://docs.microsoft.com/en-us/azure/devops/report/dashboards/configure-burndown-burnup-widgets?view=vsts

**NEW QUESTION # 423**
You are integrating Azure Pipelines and Microsoft Teams.
You install the Azure Pipelines app in Microsoft Teams.
You have an Azure DevOps organization named Contoso that contains a project name Project1.
You subscribe to Project1 in Microsoft Teams.
You need to ensure that you only receive events about failed builds in Microsoft Teams.
What should you do first?

- A. From Azure Pipelines, enable continuous integration for Project1.
- B. From Microsoft Teams, run @azure pipelines subscriptions.
- C. From Azure Pipelines, add a Publish Build Artifacts task to Project1.
- D. From Microsoft Teams, run @azure pipelines subscribe https://dev.azure.com/Contoso/Project1.

**Answer: D**

Explanation:
Explanation
To start monitoring all pipelines in a project, use the following command inside a channel:
@azure pipelines subscribe [project url]
The project URL can be to any page within your project (except URLs to pipelines).
For example:
@azure pipelines subscribe https://dev.azure.com/myorg/myproject/
Reference:
https://docs.microsoft.com/en-us/azure/devops/pipelines/integrations/microsoft-teams

**NEW QUESTION # 424**
You are monitoring the health and performance of an Azure web app by using Azure Application Insights.
You need to ensure that an alert is sent when the web app has a sudden rise in performance issues and failures.
What should you use?

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

**Answer: A**

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

**NEW QUESTION # 425**
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:
Provide 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.
Be available on Windows 10, Mac OS, iOS, and Android operating systems.

Provide the ability to add external contractors and suppliers to projects.

Integrate directly with Azure DevOps.

What should you recommend?

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

**Answer: D**

Explanation:
Explanation/Reference:
Explanation:
Within 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.
Microsoft 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.
The 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.
Teams integrates with Azure DevOps.

References: https://searchunifiedcommunications.techtarget.com/definition/Microsoft-Teams

## NEW QUESTION # 426

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