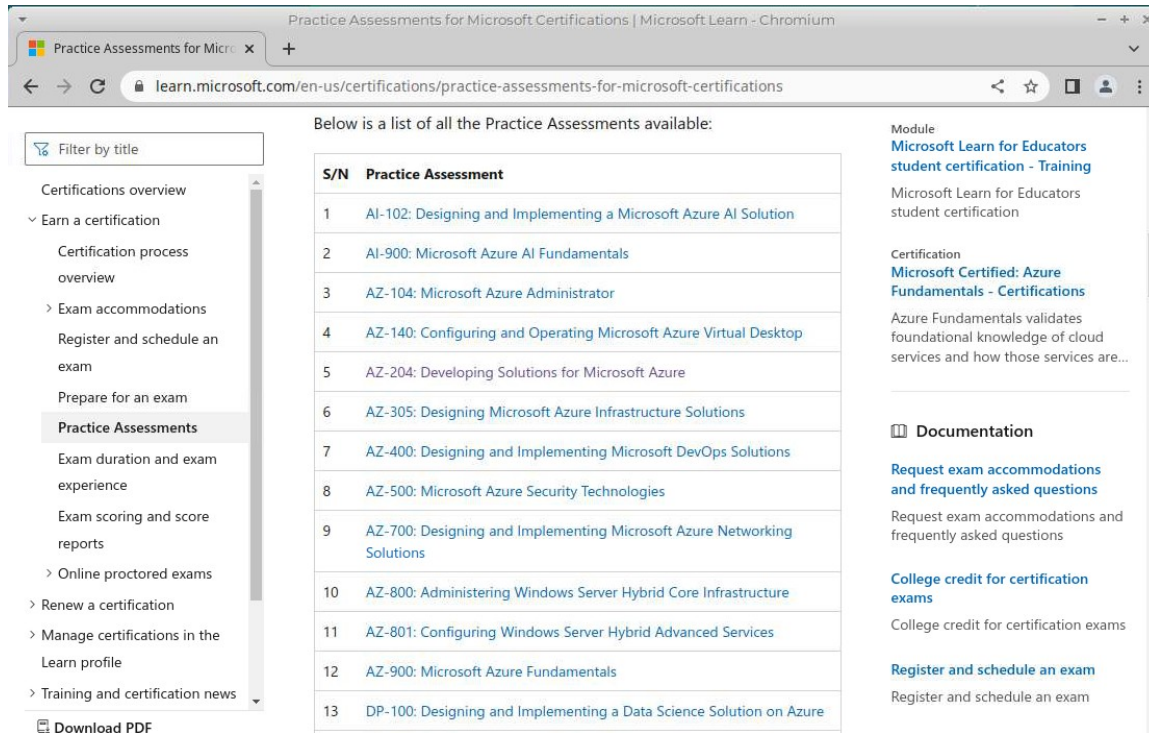


Learning via Practice Assessment



The screenshot shows a web browser window with the URL learn.microsoft.com/en-us/certifications/practice-assessments-for-microsoft-certifications. The page title is "Practice Assessments for Microsoft Certifications | Microsoft Learn - Chromium".

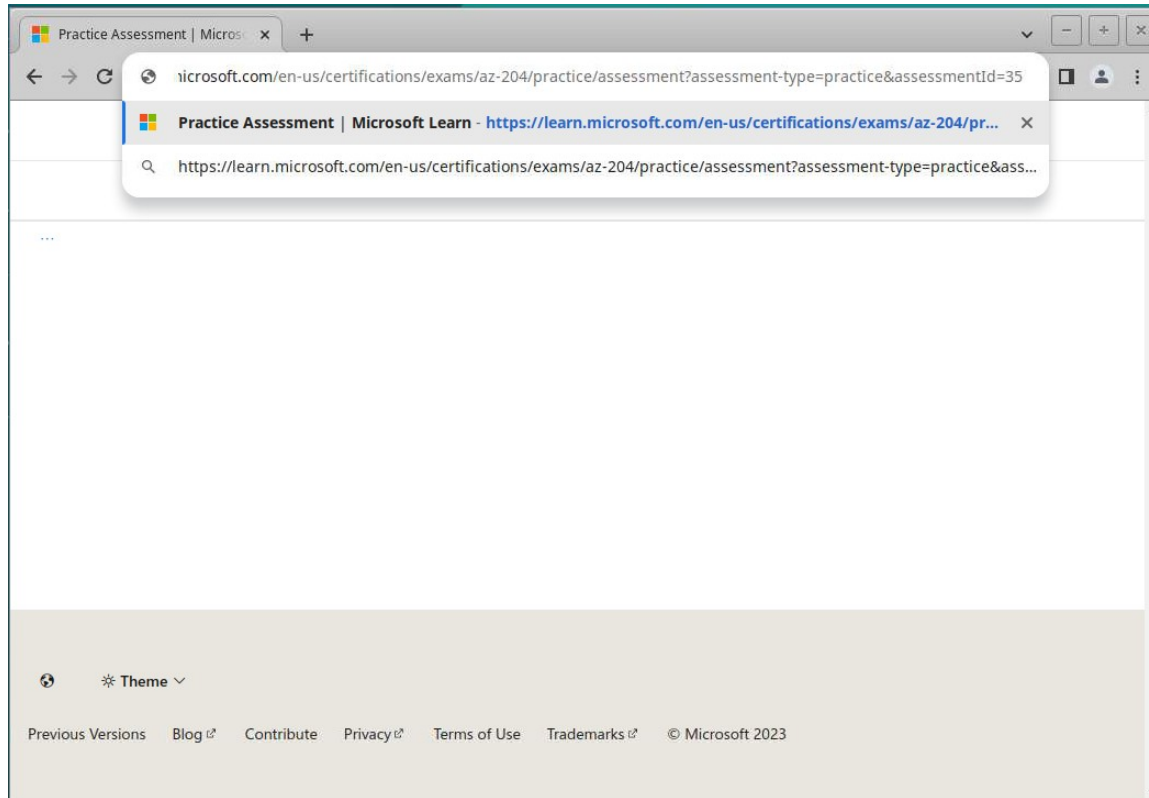
Below is a list of all the Practice Assessments available:

S/N	Practice Assessment
1	AI-102: Designing and Implementing a Microsoft Azure AI Solution
2	AI-900: Microsoft Azure AI Fundamentals
3	AZ-104: Microsoft Azure Administrator
4	AZ-140: Configuring and Operating Microsoft Azure Virtual Desktop
5	AZ-204: Developing Solutions for Microsoft Azure
6	AZ-305: Designing Microsoft Azure Infrastructure Solutions
7	AZ-400: Designing and Implementing Microsoft DevOps Solutions
8	AZ-500: Microsoft Azure Security Technologies
9	AZ-700: Designing and Implementing Microsoft Azure Networking Solutions
10	AZ-800: Administering Windows Server Hybrid Core Infrastructure
11	AZ-801: Configuring Windows Server Hybrid Advanced Services
12	AZ-900: Microsoft Azure Fundamentals
13	DP-100: Designing and Implementing a Data Science Solution on Azure

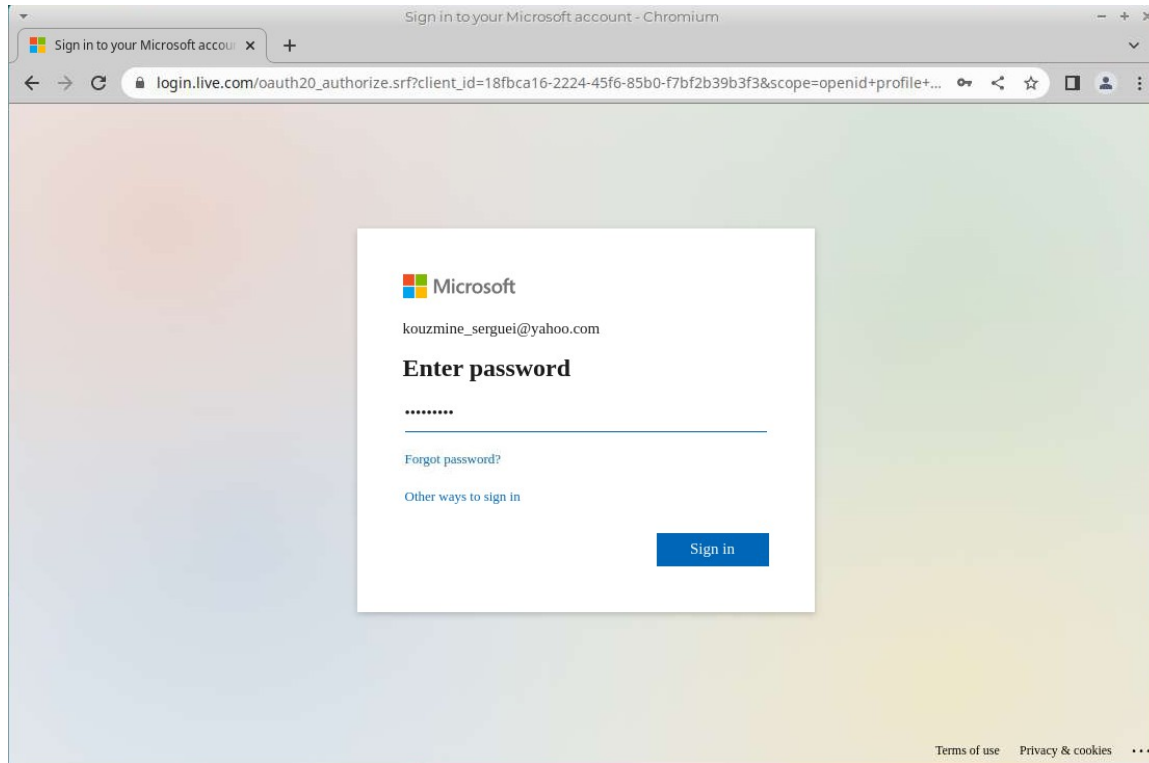
On the left, a sidebar menu includes: "Certifications overview", "Earn a certification" (with sub-items: "Certification process overview", "Exam accommodations", "Register and schedule an exam", "Prepare for an exam", "Practice Assessments" (selected), "Exam duration and exam experience", "Exam scoring and score reports", "Online proctored exams"), "Renew a certification", "Manage certifications in the Learn profile", and "Training and certification news". A "Download PDF" link is at the bottom of the sidebar.

On the right, the "Module" section is "Microsoft Learn for Educators student certification - Training", with a description: "Microsoft Learn for Educators student certification". The "Certification" section is "Microsoft Certified: Azure Fundamentals - Certifications", with a description: "Azure Fundamentals validates foundational knowledge of cloud services and how those services are...". The "Documentation" section includes links for "Request exam accommodations and frequently asked questions", "College credit for certification exams", and "Register and schedule an exam".

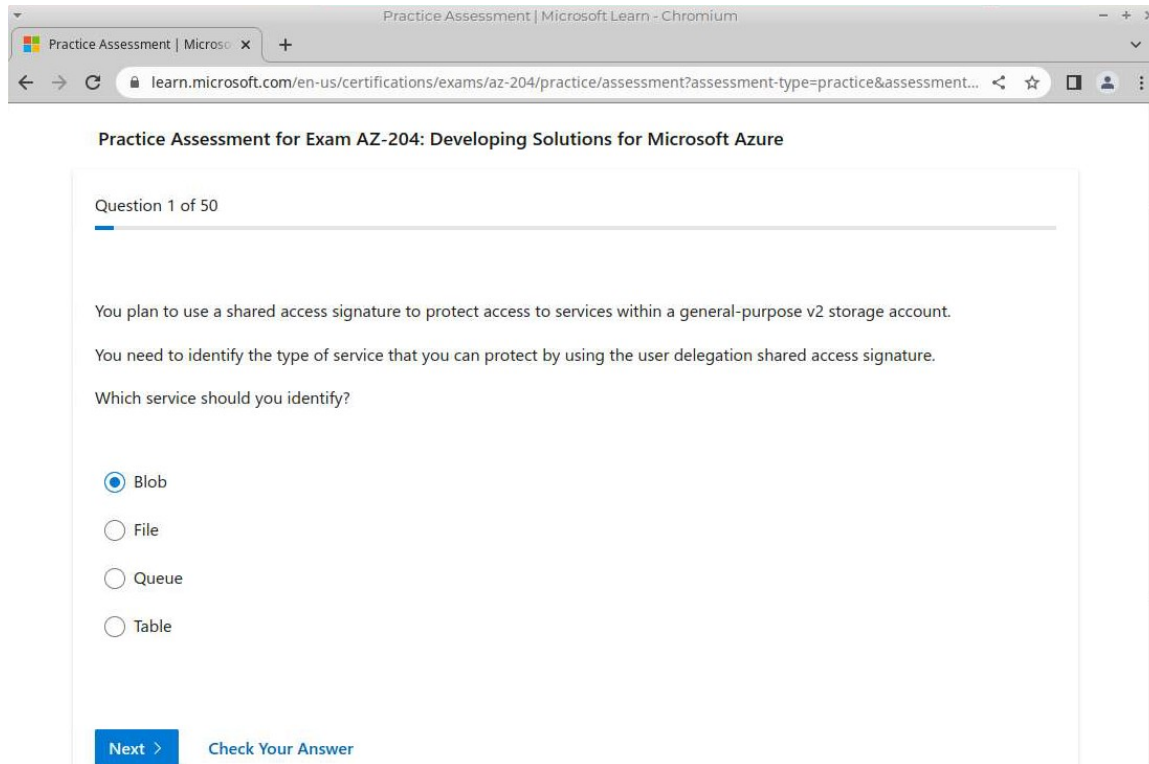
Learning via Practice Assessment



Learning via Practice Assessment



Learning via Practice Assessment



The screenshot shows a web browser window with the title "Practice Assessment | Microsoft Learn - Chromium". The address bar displays the URL: learn.microsoft.com/en-us/certifications/exams/az-204/practice/assessment?assessment-type=practice&assessment.... The page content is titled "Practice Assessment for Exam AZ-204: Developing Solutions for Microsoft Azure". Below the title, it indicates "Question 1 of 50". The question text reads: "You plan to use a shared access signature to protect access to services within a general-purpose v2 storage account. You need to identify the type of service that you can protect by using the user delegation shared access signature. Which service should you identify?". There are four radio button options: "Blob" (selected), "File", "Queue", and "Table". At the bottom, there are two buttons: "Next >" and "Check Your Answer".

Practice Assessment for Exam AZ-204: Developing Solutions for Microsoft Azure

Question 1 of 50

You plan to use a shared access signature to protect access to services within a general-purpose v2 storage account. You need to identify the type of service that you can protect by using the user delegation shared access signature. Which service should you identify?

☒ Blob

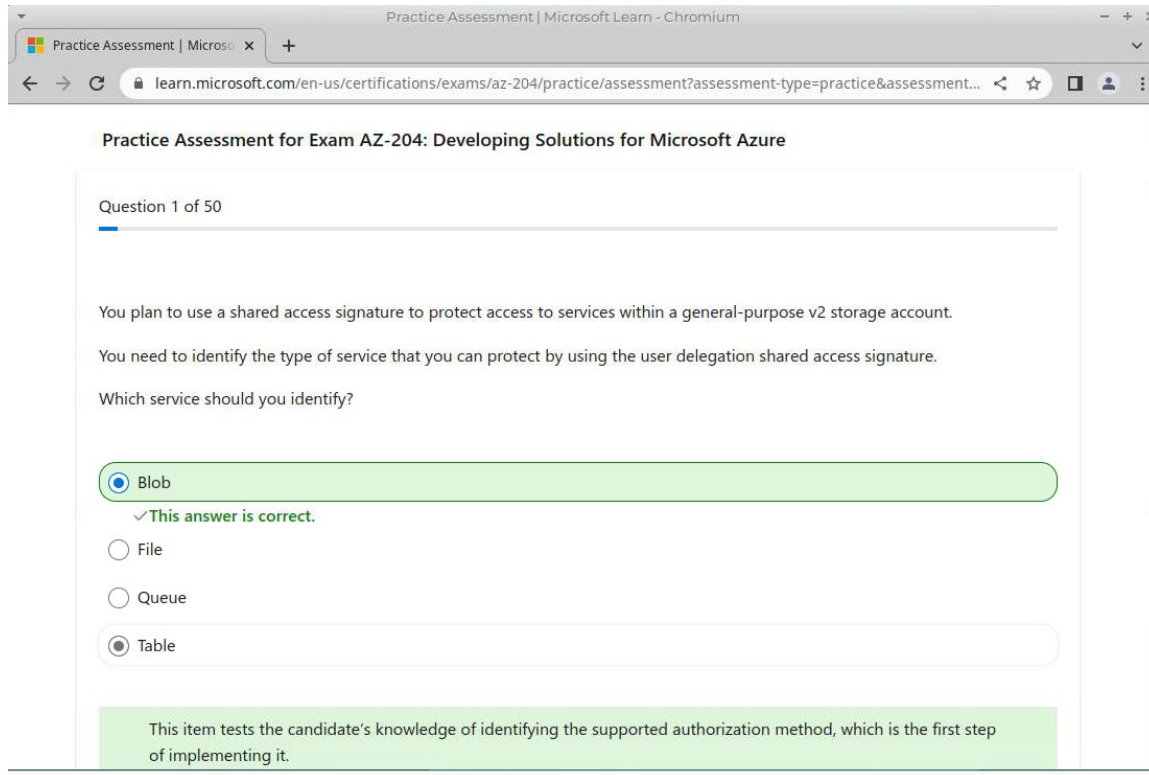
☐ File

☐ Queue

☐ Table

Next > Check Your Answer

Learning via Practice Assessment



The screenshot shows a web browser window with the title "Practice Assessment | Microsoft Learn - Chromium". The address bar shows the URL: learn.microsoft.com/en-us/certifications/exams/az-204/practice/assessment?assessment-type=practice&assessment...

Practice Assessment for Exam AZ-204: Developing Solutions for Microsoft Azure

Question 1 of 50

You plan to use a shared access signature to protect access to services within a general-purpose v2 storage account.

You need to identify the type of service that you can protect by using the user delegation shared access signature.

Which service should you identify?

- ☒ Blob
- ☐ File
- ☐ Queue
- ☐ Table

✓ This answer is correct.

This item tests the candidate's knowledge of identifying the supported authorization method, which is the first step of implementing it.

Learning via Practice Assessment

The screenshot shows a web browser window with the URL `learn.microsoft.com/en-us/certifications/exams/az-204/practice/assessment?assessment-type=practice&assessment...`. The page is titled "Practice Assessment | Microsoft Learn". It features two radio button options: "Queue" and "Table". Below these is a green informational box containing the following text:

This item tests the candidate's knowledge of identifying the supported authorization method, which is the first step of implementing it.

The blob service is the only one that supports user delegation shared access signatures. The file service supports account and service shared access signatures. The queue service supports account and service shared access signatures. The table service supports account and service shared access signatures.

Below the text are two links: "Discover shared access signatures - Training | Microsoft Learn" and "Grant limited access to data with shared access signatures (SAS) - Azure Storage | Microsoft Learn".

At the bottom of the assessment area are two buttons: "Next >" and "Check Your Answer".

The footer of the page includes the following elements:

- English (United States)
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- Previous Versions
- Blog
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Learning via Practice Assessment

The screenshot displays the Microsoft Learn web application in a Chromium browser. The address bar shows the URL `learn.microsoft.com/en-us/training/modules/implement-shared-access-signatures/1-introduction`. The page header includes the Microsoft logo, navigation links for Learn, Documentation, Training, Certifications, Q&A, Code Samples, and More. A search bar and a user profile icon (SK) are also present. Below the header, a breadcrumb trail reads: `Learn / Training / Browse / AZ-204: Implement user authentication and authorization / Implement shared access signatures /`. A progress indicator shows `LEVEL 3` with a green bar and `1600 / 3699 XP`. The main content area is titled `Unit 1 of 6` and `Next >`. The module title is `Introduction`, with a `100 XP` badge. It indicates a duration of `3 minutes`. The text describes a shared access signature (SAS) as a URI that grants restricted access rights to Azure Storage resources. It lists three learning objectives: identifying the three types of shared access signatures, explaining when to implement shared access signatures, and creating a stored access policy. The next unit is `Discover shared access signatures`. A `Continue >` button is at the bottom.

Practice Assessment | Microsoft | Introduction - Training | Microsoft Learn - Chromium

learn.microsoft.com/en-us/training/modules/implement-shared-access-signatures/1-introduction

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Learn / Training / Browse / AZ-204: Implement user authentication and authorization / Implement shared access signatures /

Unit 1 of 6 Next >

Introduction

3 minutes

100 XP

A shared access signature (SAS) is a URI that grants restricted access rights to Azure Storage resources. You can provide a shared access signature to clients that you want to grant delegate access to certain storage account resources.

After completing this module, you'll be able to:

- Identify the three types of shared access signatures
- Explain when to implement shared access signatures
- Create a stored access policy

Next unit: Discover shared access signatures

Continue >

Learning via Practice Assessment

Choose when to use shared access signatures - Training | Microsoft Learn - Chromium

Practice Assessment | Microsoft | Choose when to use shared access signatures

learn.microsoft.com/en-us/training/modules/implement-shared-access-signatures/3-shared-access-signatures

Choose when to use shared access signatures

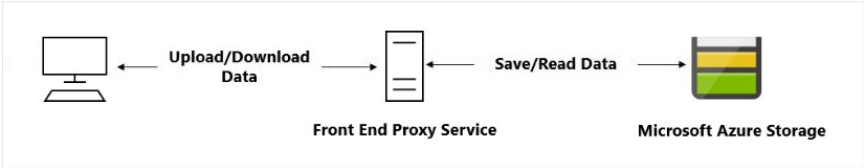
100 XP

3 minutes

Use a SAS when you want to provide secure access to resources in your storage account to any client who doesn't otherwise have permissions to those resources.

A common scenario where a SAS is useful is a service where users read and write their own data to your storage account. In a scenario where a storage account stores user data, there are two typical design patterns:

- Clients upload and download data via a front-end proxy service, which performs authentication. This front-end proxy service has the advantage of allowing validation of business rules, but for large amounts of data or high-volume transactions, creating a service that can scale to match demand may be expensive or difficult.



```
graph LR; Client[Client] -- "Upload/Download Data" --> Proxy[Front End Proxy Service]; Proxy -- "Save/Read Data" --> Storage[Microsoft Azure Storage];
```

- A lightweight service authenticates the client as needed and then generates a SAS. Once the client application receives the SAS, they can access storage account resources directly with the permissions defined by the SAS and for

Learning via Practice Assessment

Explore stored access policies - Training | Microsoft Learn - Chromium

Practice Assessment | Microsoft | Explore stored access policies

learn.microsoft.com/en-us/training/modules/implement-shared-access-signatures/4-stored-access-policies

modify it to grant only read permissions for all future requests.

To revoke a stored access policy you can delete it, rename it by changing the signed identifier, or change the expiry time to a value in the past. Changing the signed identifier breaks the associations between any existing signatures and the stored access policy. Changing the expiry time to a value in the past causes any associated signatures to expire. Deleting or modifying the stored access policy immediately affects all of the SAS associated with it.

To remove a single access policy, call the resource's `Set-ACL` operation, passing in the set of signed identifiers that you wish to maintain on the container. To remove all access policies from the resource, call the `Set-ACL` operation with an empty request body.

Next unit: Knowledge check

[Continue >](#)

Need help? See our [troubleshooting guide](#) or provide specific feedback by [reporting an issue](#).

How are we doing? ☆ ☆ ☆ ☆ ☆

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Learning via Practice Assessment

Knowledge check - Training | Microsoft Learn - Chromium

Practice Assessment | Microsoft | Knowledge check - Training | M x +

learn.microsoft.com/en-us/training/modules/implement-shared-access-signatures/5-knowledge-check

Check your knowledge

1. Which of the following types of shared access signatures (SAS) applies to Blob storage only? *

☐ Account SAS

☒ Service SAS

✗ Incorrect. A service SAS delegates access to a resource in the following Azure Storage services: Blob storage, Queue storage, Table storage, or Azure Files.

☐ User delegation SAS

✓ Correct. A user delegation SAS is secured with Azure Active Directory credentials and also by the permissions specified for the SAS. A user delegation SAS applies to Blob storage only.

2. Which of the following best practices provides the most flexible and secure way to use a service or account shared access signature (SAS)? *

☐ Associate SAS tokens with a stored access policy.

✓ Correct. The most flexible and secure way to use a service or account SAS is to associate the SAS tokens with a stored access policy.

☒ Always use HTTPS

✗ Incorrect. Using HTTPS prevents man-in-the-middle attacks but isn't the most flexible and secure practice.

Learning via Practice Assessment

- Microsoft practice assessments:
- AZ-900: Microsoft Azure Fundamentals
- AZ-204: Developing Solutions for Microsoft Azure
- AZ-104: Microsoft Azure Administrator
- DP-900: Microsoft Azure Data Fundamentals
- Azure free account
- Exam AZ-900: Microsoft Azure Fundamentals documentation
- exam sandbox