Microsoft Certified: Azure Virtual Desktop Specialty (AZ-140) Practice Exam (Sample)

Study Guide

BY EXAMZIFY

Everything you need from our exam experts!

Table of Contents

Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

• Practice answering questions under realistic conditions,
• Improve accuracy and speed,
• Review explanations to strengthen weak areas, and
• Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

Questions

1. **You need to update the Azure Virtual Desktop agent in an infrastructure with 25 session hosts. What should you do?**

   A. Configure a scaling plan.

   B. Configure diagnostic settings.

   C. Enable drain mode.

   D. Enable Scheduled Agent Updates.

2. **Which Azure service provides insights into user experience in Azure Virtual Desktop?**

   A. Azure Monitor User Insights

   B. Azure Traffic Manager

   C. Azure Security Center

   D. Azure Cost Management

3. **Which two types of storage can be used for FSLogix profile containers in an Azure Virtual Desktop host pool?**

   A. Append blob storage

   B. Block blob storage

   C. File share

   D. Page blob storage

4. **Which service should be used for automating the creation and distribution of a custom Azure virtual machine image?**

   A. Azure Compute Gallery

   B. Azure VM Image Builder

   C. Virtual Machine Extension

   D. Virtual Machine Scale Set

5. **What can FSLogix help achieve in Azure Virtual Desktop?**

   A. Centralized network control

   B. Faster logon times and consistent user experience

   C. Enhanced encryption of sensitive data

   D. Automatic scaling of virtual machines

6. **Which virtual machine size should be recommended for general-purpose use workloads in Azure Virtual Desktop?**

   A. D-series

   B. E-series

   C. FX-series

   D. N-series

7. **What setting must be configured for a user to be automatically logged out after a specific time when they disconnect from Azure Virtual Desktop?**

   A. Cloud Management Settings

   B. Session Host Properties

   C. Group Policy settings

   D. Session Timeout Rules

8. **For storing FSLogix profile containers with geo-redundancy in Azure Virtual Desktop, which storage solution is recommended?**

   A. Azure Data Share

   B. Azure Files

   C. Azure NetApp Files

   D. Storage Spaces Direct

9. **Why is regularly updating the golden image crucial in Azure Virtual Desktop?**

   A. To reduce storage costs

   B. To ensure session hosts receive latest applications and patches

   C. To create backups of user data

   D. To increase network speed

10. **Which licensing is required for using Azure Virtual Desktop?**

    A. Windows 10 Home licenses

    B. Microsoft 365 or Windows 10 Enterprise licenses

    C. Microsoft Office licenses

    D. Azure DevOps licenses

Answers

1. D
2. A
3. C
4. B
5. B
6. A
7. C
8. B
9. B
10. B

Explanations

1. **You need to update the Azure Virtual Desktop agent in an infrastructure with 25 session hosts. What should you do?**

   A. Configure a scaling plan.

   B. Configure diagnostic settings.

   C. Enable drain mode.

   D. Enable Scheduled Agent Updates.

To update the Azure Virtual Desktop agent across the 25 session hosts, enabling Scheduled Agent Updates is the most effective approach. This feature automates the process of updating the agent on the session hosts according to a specified schedule, ensuring that all hosts receive updates seamlessly and without requiring manual intervention.   When Scheduled Agent Updates are enabled, Azure automatically manages the timing of updates, which reduces the risk of downtime or disruptions for users, as updates occur during predefined maintenance windows. This allows for consistent updates across the infrastructure, keeping all session hosts compliant with the latest features and security improvements. The other options, while relevant in different contexts, do not directly facilitate the update of the Azure Virtual Desktop agent efficiency. For instance, configuring a scaling plan is related to the management of resources and scaling session hosts based on demand, rather than updating them. Configuring diagnostic settings focuses on monitoring and logging but does not pertain to agent updates. Lastly, enabling drain mode is a manual process to prepare session hosts for maintenance tasks, which is valuable but doesn't automate the update process itself.   Thus, using Scheduled Agent Updates streamlines the updating process, making it the correct choice for ensuring that the Azure Virtual Desktop agents are kept current across the environment.

2. **Which Azure service provides insights into user experience in Azure Virtual Desktop?**

   A. Azure Monitor User Insights

   B. Azure Traffic Manager

   C. Azure Security Center

   D. Azure Cost Management

Azure Monitor User Insights is the correct choice because it is specifically designed to provide comprehensive insights into the user experience within Azure Virtual Desktop environments. This service offers monitoring capabilities that focus on user sessions, performance metrics, and overall usage patterns. By leveraging Azure Monitor User Insights, administrators can gain a clear view of how users are interacting with applications and desktops deployed in Azure, which is critical for ensuring optimal performance and identifying any issues that may affect user satisfaction. This tool enhances the ability to troubleshoot problems and improve the delivery of virtual desktop services by providing data-driven insights. The telemetry and analytics gathered allow organizations to pinpoint performance bottlenecks and understand user behavior. The other services listed do not align with the requirement for insights focused on user experience in Azure Virtual Desktop. Azure Traffic Manager is primarily focused on managing traffic routing and load balancing across Azure regions. Azure Security Center is aimed at enhancing the security posture of Azure resources, while Azure Cost Management deals with budgeting and analyzing costs associated with Azure services. None of these services provide the specific focus on user experience that Azure Monitor User Insights offers.

3. Which two types of storage can be used for FSLogix profile containers in an Azure Virtual Desktop host pool?

A. Append blob storage

B. Block blob storage

C. File share

D. Page blob storage

FSLogix profile containers are utilized in Azure Virtual Desktop to manage user profiles effectively, allowing for efficient and quick access to user data. One of the most effective storage configurations for FSLogix is a file share, specifically Azure Files. File shares provide the necessary file-level access and features to allow multiple virtual machines within the host pool to access and manage user profiles seamlessly. This enables a shared path for user profiles, ensuring that changes made by one session are visible to all subsequent sessions across different virtual machines. Using a file share for FSLogix also integrates well with Windows file system behaviors and supports SMB (Server Message Block) protocol, which is essential for efficient file operations in a multi-user environment. This support leads to better performance and user experience, as profile loading times can be optimized through the use of Azure Files. In contrast, while other types of Azure storage like block blobs and page blobs have distinct advantages for different use cases (such as data storage and virtual machine disks), they do not provide the file system characteristics essential for FSLogix profiles. Thus, a file share is the optimal choice for storing FSLogix profile containers in an Azure Virtual Desktop environment.

4. Which service should be used for automating the creation and distribution of a custom Azure virtual machine image?

A. Azure Compute Gallery

B. Azure VM Image Builder

C. Virtual Machine Extension

D. Virtual Machine Scale Set

Using Azure VM Image Builder is the appropriate choice for automating the creation and distribution of custom Azure virtual machine images. This service allows users to define the image creation process through a YAML-based template, specifying the base image, the necessary packages, and configurations needed to build a custom image. It simplifies the process of creating images by providing a declarative approach, ensuring that the specified configurations are consistently applied. Moreover, Azure VM Image Builder integrates seamlessly with Azure DevOps and CI/CD workflows, facilitating the continuous updates and modifications of VM images in a streamlined manner. On the other hand, other options serve different purposes. For instance, Azure Compute Gallery is primarily used for managing and sharing VM images across subscriptions, but it does not automate the creation of images. Virtual Machine Extensions are small applications that provide management and configuration functions for VMs but do not play a role in creating custom images. Virtual Machine Scale Sets are designed for deploying and managing a group of identical VMs to handle resource scaling but do not involve the creation of custom images per se. Hence, Azure VM Image Builder is the most suitable service for automating the entire process of image creation and distribution.

5. What can FSLogix help achieve in Azure Virtual Desktop?

A. Centralized network control

B. Faster logon times and consistent user experience

C. Enhanced encryption of sensitive data

D. Automatic scaling of virtual machines

FSLogix is a technology that significantly improves the user experience in Azure Virtual Desktop by enabling faster logon times and ensuring a consistent user experience. This is achieved primarily through capabilities like user profile containerization and the management of Office 365 application data. When a user logs on, FSLogix allows the virtual environment to load the user's profile quickly, as it only needs to access the relevant elements stored in a network location rather than performing a full load of the entire profile. This reduces the amount of time users spend waiting at the logon screen. Additionally, by keeping user settings and data in a centralized location, FSLogix ensures that users have a consistent experience across different sessions and devices, as their personalized settings and data can be accessed quickly. The other options do not directly relate to FSLogix's primary function. Centralized network control involves managing network resources rather than optimizing user profiles. Enhanced encryption primarily pertains to data security practices, which are not the focus of FSLogix. Automatic scaling of virtual machines is related to Azure infrastructure management rather than the user profile management capabilities provided by FSLogix. Thus, the key benefit of FSLogix in Azure Virtual Desktop lies in its ability to streamline user logons and maintain a seamless experience across

6. Which virtual machine size should be recommended for general-purpose use workloads in Azure Virtual Desktop?

A. D-series

B. E-series

C. FX-series

D. N-series

The D-series virtual machines are specifically designed for general-purpose use workloads in Azure Virtual Desktop. They offer a balanced combination of CPU, memory, and storage capabilities, making them ideal for typical applications and workloads, such as office productivity, light database usage, and general purpose web serving. This versatility is critical in environments where clients may require a range of applications to run concurrently without significant resource contention. The D-series VMs come with varying sizes to accommodate different workload needs, providing flexibility for scaling as user demand varies. Additionally, the pricing model for D-series is also favorable for standard workloads, making it a cost-effective choice for users looking to deploy Azure Virtual Desktop solutions. Other virtual machine series have specific use cases that may not align as well with general-purpose workloads. For example, E-series VMs are optimized for heavy memory usage, making them suitable for applications that require a large amount of RAM. FX-series VMs are tailored for high-performance computing scenarios, and N-series VMs are designed for GPU workloads, which are focused on graphic-intensive applications. Therefore, while these series have their strengths, they do not align with the needs of general-purpose use like the D-series does.

7. What setting must be configured for a user to be automatically logged out after a specific time when they disconnect from Azure Virtual Desktop?

A. Cloud Management Settings

B. Session Host Properties

C. Group Policy settings

D. Session Timeout Rules

The correct setting for automatically logging out a user after a specific time when they disconnect from Azure Virtual Desktop is through Group Policy settings.   Group Policy settings allow administrators to enforce various configurations and controls over user sessions in a Windows environment. Specifically, the relevant policy for managing user logouts upon disconnection is the "Set time limit for disconnected sessions" setting. By configuring this policy, you can specify the duration after which a user's session is automatically terminated if they disconnect, thereby ensuring efficient use of resources and enhancing security by preventing unattended sessions from persisting indefinitely. While session host properties and cloud management settings are important for broader management in Azure Virtual Desktop, they do not directly control session timeout behaviors related to user disconnections. Moreover, session timeout rules may be related but are not as explicit or defined in the context of traditional Group Policy within Windows environments. Group Policy is the standard approach in environments leveraging Active Directory, thus making it the most applicable choice for this scenario.

8. For storing FSLogix profile containers with geo-redundancy in Azure Virtual Desktop, which storage solution is recommended?

A. Azure Data Share

B. Azure Files

C. Azure NetApp Files

D. Storage Spaces Direct

Using Azure Files for storing FSLogix profile containers with geo-redundancy in Azure Virtual Desktop is a recommended solution due to its built-in capabilities for file sharing and elasticity specifically designed for cloud environments. Azure Files offers fully managed file shares in the cloud that can be easily accessed via SMB (Server Message Block), making it suitable for caching FSLogix profiles. The geo-redundancy aspect of Azure Files is particularly important for maintaining profile data availability even in the event of regional outages. With the proper configuration, Azure Files can provide redundancy across multiple regions, ensuring that user profiles are reliable and accessible from different Azure Virtual Desktop instances. Moreover, Azure Files supports integration with Active Directory, enabling seamless authentication for users accessing their profile containers. This is crucial for centralized user profile management in a virtual desktop scenario, enhancing performance and reducing latency. In contrast, the other options may not provide the same level of integration, redundancy, or ease of use for FSLogix profile management. Azure Data Share focuses primarily on data sharing across organizations rather than file services. Azure NetApp Files, while high-performing, is often more complex to manage and can be more costly, making it less ideal for simple profile storage needs. Lastly, Storage Spaces Direct is a solution

9. Why is regularly updating the golden image crucial in Azure Virtual Desktop?

A. To reduce storage costs

B. To ensure session hosts receive latest applications and patches

C. To create backups of user data

D. To increase network speed

Regularly updating the golden image is crucial because it ensures that all session hosts in an Azure Virtual Desktop environment receive the latest applications and security patches. The golden image serves as the master copy of the virtual machine, and any updates made to this image are propagated to all deployed session hosts that are based on it. This process maintains consistency across the environment, ensuring that users benefit from the latest features, security enhancements, and bug fixes. Keeping the golden image updated not only helps in providing an optimal user experience but also mitigates security vulnerabilities that could be exploited if outdated software continues to run on session hosts. Therefore, by incorporating the latest updates into the golden image, administrators can streamline the management of the environment and maintain compliance with security policies. While there are other considerations in managing virtual desktop environments, such as storage costs, data backups, and network performance, the primary objective of regularly updating the golden image is to deliver the most current applications and patches to users efficiently.

10. Which licensing is required for using Azure Virtual Desktop?

A. Windows 10 Home licenses

B. Microsoft 365 or Windows 10 Enterprise licenses

C. Microsoft Office licenses

D. Azure DevOps licenses

Using Azure Virtual Desktop requires proper licensing that allows users to access a virtualized Windows environment. The correct choice is based on the fact that users must have either Microsoft 365 licenses that include Windows Virtual Desktop (now often also referred to as Azure Virtual Desktop) or Windows 10 Enterprise licenses. These licenses provide the necessary rights and entitlements to access virtualized Windows desktops and applications in the Azure cloud environment. Windows 10 Home licenses do not include the necessary rights for running Azure Virtual Desktop, making this option unsuitable. Microsoft Office licenses primarily cover productivity applications and do not pertain to the underlying virtual desktop infrastructure. Azure DevOps licenses focus on software development and project management services, which are irrelevant in the context of virtual desktop support. Thus, only Microsoft 365 or Windows 10 Enterprise licenses provide the required capabilities to utilize Azure Virtual Desktop efficiently.

Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

https://microsoftcertifiedaz140.examzify.com

We wish you the very best on your exam journey. You've got this!