

CANES Basic Administrator Personnel Qualification Standard (PQS) Practice Exam (Sample)

Study Guide



Everything you need from our exam experts!

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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

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- 1. Which command shows processes in real-time in a Linux system?**
 - A. ps -elf**
 - B. top**
 - C. ll**
 - D. ifconfig**

- 2. What are some best practices for managing user privileges in CANES?**
 - A. Implementing maximum privileges for all users**
 - B. Regularly reviewing user access rights and conducting audits**
 - C. Allowing users to set their own permissions**
 - D. Automatically granting access to new applications**

- 3. To assign an IP address to the printer, which component needs to be accessed?**
 - A. Settings**
 - B. Control Panel**
 - C. Print Manager**
 - D. Active Directory**

- 4. Which details are part of the Organization tab when setting up a CANES user account?**
 - A. User's Address**
 - B. CVN69 and Component**
 - C. Security Questions**
 - D. Training History**

- 5. What action should be taken to manage users in Active Directory for CANES?**
 - A. Delete inactive users**
 - B. Right-click and create a new user**
 - C. Update existing users**
 - D. Export user list to spreadsheet**

- 6. How often are security audits typically conducted in CANES?**
- A. Once a year**
 - B. Every two years**
 - C. Regularly, as part of compliance measures**
 - D. Only when a breach occurs**
- 7. Which command is used to enable or disable an account?**
- A. Right click on account > Activate/Deactivate**
 - B. mstsc > ADUC > rt click USA Users > Find > type account name > rt click account > Enable/Disable**
 - C. Account Settings > Enable/Disable Option**
 - D. User Management > Lock/Unlock Account**
- 8. How can you confirm connectivity to the domain controller for adding a workstation?**
- A. Use the command "ping dc01"**
 - B. Check network status through settings**
 - C. Run a diagnostic tool**
 - D. Verify server name**
- 9. Which command is used to find IP information in Linux?**
- A. netstat**
 - B. ifconfig**
 - C. pwd**
 - D. top**
- 10. What is a potential risk factor associated with the implementation of CANES?**
- A. Overinvestment in hardware resources**
 - B. Insufficient training for personnel**
 - C. Overuse of cloud storage services**
 - D. Excessive software updates**

Answers

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

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Explanations

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1. Which command shows processes in real-time in a Linux system?

- A. ps -elf**
- B. top**
- C. ll**
- D. ifconfig**

The command that shows processes in real-time in a Linux system is "top." This command provides a dynamic, real-time view of running processes, allowing users to monitor system performance, memory usage, CPU load, and other critical system metrics. When you run the "top" command, it continuously updates the display every few seconds, giving you immediate feedback on what processes are consuming resources. This makes it an invaluable tool for system administrators who need to maintain and troubleshoot system performance. The other commands listed serve different purposes: "ps -elf" displays a snapshot of current processes but does not update in real-time; "ll" is typically an alias for "ls -l," which lists directory contents with details; and "ifconfig" is used for configuring network interfaces, not monitoring processes.

2. What are some best practices for managing user privileges in CANES?

- A. Implementing maximum privileges for all users**
- B. Regularly reviewing user access rights and conducting audits**
- C. Allowing users to set their own permissions**
- D. Automatically granting access to new applications**

Regularly reviewing user access rights and conducting audits is essential for effectively managing user privileges in CANES. This practice ensures that user permissions are current and appropriate based on their role and responsibilities. Regular reviews can help identify any anomalies or unnecessary privileges that may have been granted over time, reducing the risk of unauthorized access or privilege creep, where users accumulate permissions beyond what is needed for their tasks. Additionally, conducting audits can provide accountability and assurance that access controls are functioning as intended, helping to maintain the integrity and security of the system. By consistently reassessing user access, administrators can ensure compliance with security policies and adapt to changes within the organization, such as role changes or departures. The other options do not align with best practices. Implementing maximum privileges for all users poses a significant security risk, as it increases the chance of misuse or accidental damage. Allowing users to set their own permissions can lead to unauthorized access and breaches in security protocols. Automatically granting access to new applications without a review process leaves the system vulnerable to granting excessive rights that might be incompatible with the user's needs or security policies.

3. To assign an IP address to the printer, which component needs to be accessed?

A. Settings

B. Control Panel

C. Print Manager

D. Active Directory

Assigning an IP address to a printer typically requires accessing the settings interface of the printer itself. The settings section allows users to configure various network parameters, including the IP address. This is essential for ensuring that the printer can communicate on the network and be recognized by computers and other devices. While the control panel can sometimes provide access to network configuration options, it often serves more as an interface for local printer operations rather than in-depth network settings. Print Manager primarily deals with managing print jobs and queues, and it does not provide access to the printer's network settings. Active Directory is focused on managing users and resources within a network but is not involved in the direct assignment or configuration of IP addresses for peripherals like printers. Therefore, the settings component is the correct area to access for assigning an IP address to the printer.

4. Which details are part of the Organization tab when setting up a CANES user account?

A. User's Address

B. CVN69 and Component

C. Security Questions

D. Training History

The Organization tab when setting up a CANES user account includes specific details that are essential for identifying the user's operational role and aligning them with their respective components within the organization. The inclusion of information such as CVN69, which refers to a specific aircraft carrier (USS Dwight D. Eisenhower), along with the Component, is critical because it helps categorize the user based on their naval or military affiliation. This categorization is important for access control, operational visibility, and ensuring that users are in compliance with specific security protocols and organizational needs. In contrast, elements like a user's address, security questions, and training history serve different purposes not directly associated with the organizational setup within the CANES system. These details might be relevant for personal identification, security verification, and recordkeeping but do not fall under the Organization tab's focus on operational structure.

5. What action should be taken to manage users in Active Directory for CANES?

- A. Delete inactive users
- B. Right-click and create a new user**
- C. Update existing users
- D. Export user list to spreadsheet

When managing users in Active Directory for CANES, the action of creating a new user through the right-click menu is a fundamental task that directly impacts user management. This process initiates the establishment of a new account, allowing you to assign appropriate permissions, roles, and attributes necessary for the user to access the CANES environment. Creating new user accounts is essential for onboarding processes, whereby new personnel are granted the access required to perform their roles effectively. It ensures that the administrative structure remains organized, and users can be managed appropriately moving forward. While managing existing users and handling inactive accounts are important aspects of user management as well, the creation of new users is a primary action that must be performed to allow newly joining individuals to gain access to the system.

6. How often are security audits typically conducted in CANES?

- A. Once a year
- B. Every two years
- C. Regularly, as part of compliance measures**
- D. Only when a breach occurs

Security audits in CANES are typically conducted regularly as part of compliance measures to ensure that the system adheres to established security protocols and standards. Regular audits are crucial for identifying vulnerabilities, assessing risk management strategies, and ensuring that all security policies are being followed effectively. This proactive approach allows organizations to maintain a robust security posture, rather than waiting for a breach to occur or adhering to a fixed schedule that might overlook critical updates or changes in the security landscape. By conducting security audits regularly, organizations can also respond promptly to new threats and adapt to changes in technology or business processes. This aligns with best practices in cybersecurity that emphasize ongoing monitoring and evaluation rather than a reactive approach. Thus, regular audits serve as an essential component of a comprehensive security strategy.

7. Which command is used to enable or disable an account?

- A. Right click on account > Activate/Deactivate**
- B. mstsc > ADUC > rt click USA Users > Find > type account name > rt click account > Enable/Disable**
- C. Account Settings > Enable/Disable Option**
- D. User Management > Lock/Unlock Account**

The correct choice involves a sequence of steps that reflects standard procedures within Active Directory Users and Computers (ADUC) for managing user accounts. The process outlined begins with utilizing the Remote Desktop Connection tool (mstsc) to access ADUC, indicating that this is an environment where Active Directory is being utilized for user management. Within the ADUC interface, the user can navigate to the specific organizational unit (in this case, "USA Users") where the account resides. This is critical since user accounts are often categorized within different organizational structures in Active Directory, allowing for organized management. Once the user account is located through the "Find" feature, right-clicking on the account provides options related to its status. The key action here is the selection of either "Enable" or "Disable," which directly affects the account's accessibility. This procedure is a fundamental aspect of managing user accounts in Windows Server environments, representing standard administrative practices for account management. Understanding this process highlights the importance of knowing how to navigate and utilize Active Directory tools effectively, which is essential for maintaining security and proper access controls within an organization's network.

8. How can you confirm connectivity to the domain controller for adding a workstation?

- A. Use the command "ping dc01"**
- B. Check network status through settings**
- C. Run a diagnostic tool**
- D. Verify server name**

Using the command "ping dc01" is a direct and effective way to confirm connectivity to the domain controller. The ping command sends Internet Control Message Protocol (ICMP) echo request messages to the specified hostname—in this case, "dc01"—and waits for a response. If the command returns replies, it indicates that the workstation can reach the domain controller over the network, confirming connectivity. While checking network status through settings, running a diagnostic tool, and verifying the server name are useful steps in ensuring overall system health and configuration, they do not directly provide immediate feedback regarding the connectivity to the domain controller. The ping command is specifically designed to test communication between devices in a network, making it the most straightforward and efficient method for this purpose.

9. Which command is used to find IP information in Linux?

- A. netstat
- B. ifconfig**
- C. pwd
- D. top

The command used to find IP information in Linux is ifconfig. This utility displays network interface configuration details, including the IP address, subnet mask, and other related information for all network interfaces on the system. It provides essential insights into the networking status and settings, making it a key tool for diagnosing network issues or verifying configurations. The other options serve different purposes. The netstat command is used to display network connections, routing tables, interface statistics, masquerade connections, and multicast memberships, but it does not provide a straightforward view of IP configuration. The pwd command shows the present working directory in the terminal, and the top command provides a real-time view of system processes and resource usage. Therefore, ifconfig is the most suitable choice for retrieving IP information on a Linux system.

10. What is a potential risk factor associated with the implementation of CANES?

- A. Overinvestment in hardware resources
- B. Insufficient training for personnel**
- C. Overuse of cloud storage services
- D. Excessive software updates

Insufficient training for personnel is a critical risk factor when implementing the Consolidated Afloat Networks and Enterprise Services (CANES). Effective operation of complex systems like CANES relies heavily on personnel being well-trained in its capabilities, functionalities, and maintenance protocols. If users and administrators lack the necessary training, it may lead to improper use of the system, increased errors, and a failure to maximize the benefits of the technology. Without a solid training program, personnel may struggle to troubleshoot issues, understand system capabilities, or adapt to new features effectively. This can result in lower efficiency, increased downtime, and ultimately hinder the overall effectiveness of the CANES implementation. Providing robust training helps mitigate risks associated with human error and ensures that users are competent in using the system properly. While the other options may pose issues in specific contexts, they do not directly impact the foundational requirement of having a knowledgeable and capable workforce to support a complex system like CANES.

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://canesbasicadminpqs.examzify.com>

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

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