MD-100.39q

Number: MD-100
Passing Score: 800
Time Limit: 120 min

MD-100

Windows 10 (beta)

Question Set 1

QUESTION 1
You plan to deploy Windows 10 to 100 secure computers.

You need to select a version of Windows 10 that meets the following requirements:

▪ Uses Microsoft Edge as the default browser
▪ Minimizes the attack surface on the computer
▪ Supports joining Microsoft Azure Active Directory (Azure AD)
▪ Only allows the installation of applications from the Microsoft Store

What is the best version to achieve the goal? More than one answer choice may achieve the goal. Select the **BEST** answer.

A. Windows 10 Pro in S mode
B. Windows 10 Home in S mode
C. Windows 10 Pro
D. Windows 10 Enterprise

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
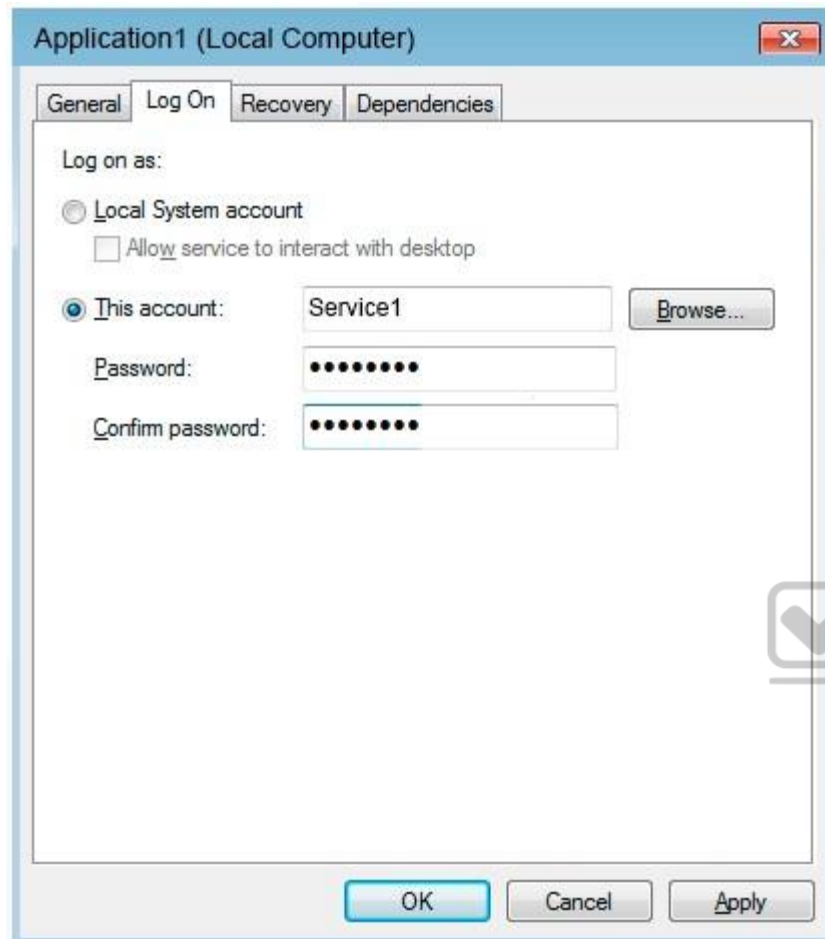References: https://www.microsoft.com/en-za/windows/compare

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.

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 have a computer named Computer1 that runs Windows10.

A service named Application1 is configured as shown in the exhibit.

Application1 (Local Computer)

General | Log On | Recovery | Dependencies

Log on as:

⊙ Local System account

☐ Allow service to interact with desktop

◉ This account: Service1   Browse...

Password: ••••••••

Confirm password: ••••••••

OK   Cancel   Apply

You discover that a user used the Service1 account to sign in to Computer1 and deleted some files.

You need to ensure that the identity used by Application1 cannot be used by a user to sign in to sign in to the desktop on Computer1. The solution must use the principle of least privilege.

Solution: On Computer1, you configure Application1 to sign in as the LocalSystem account and select the Allow service to interact with desktop check box. You delete the Service1 account.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: [none]
Explanation

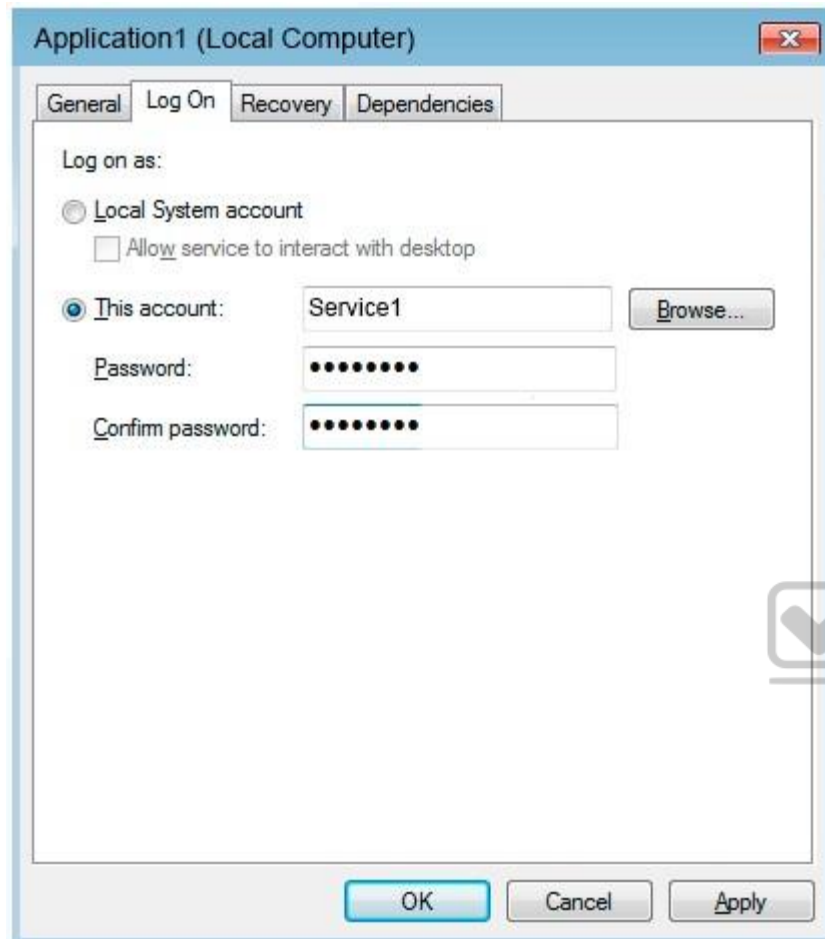**Explanation/Reference:**

QUESTION 3
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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You have a computer named Computer1 that runs Windows 10.

A service named Application1 is configured as shown in the exhibit.

Application1 (Local Computer)

General | Log On | Recovery | Dependencies

Log on as:

○ Local System account
  ☐ Allow service to interact with desktop

● This account: Service1   Browse...

  Password: ••••••••

  Confirm password: ••••••••

OK   Cancel   Apply

You discover that a user used the Service1 account to sign in to Computer1 and deleted some files.

You need to ensure that the identity used by Application1 cannot be used by a user to sign in to sign in to the desktop on Computer1. The solution must use the principle of least privilege.

Solution: On Computer1, you assign Service1 the deny log on locally user right.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/windows/security/threat-protection/security-policy-settings/deny-log-on-locally
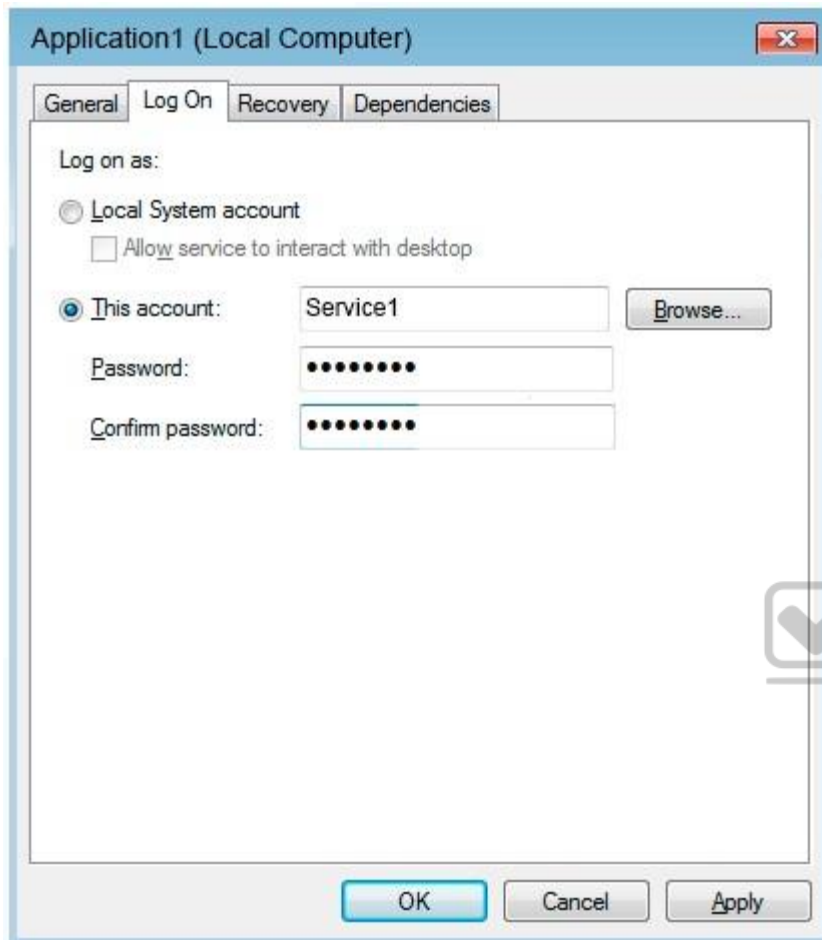
QUESTION 4
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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 have a computer named Computer1 that runs Windows 10.

A service named Application1 is configured as shown in the exhibit.

Application1 (Local Computer)

General | Log On | Recovery | Dependencies

Log on as:

○ Local System account
☐ Allow service to interact with desktop

⦿ This account: Service1 [Browse...]

Password: ••••••••

Confirm password: ••••••••

[OK] [Cancel] [Apply]

You discover that a user used the Service1 account to sign in to Computer1 and deleted some files.

You need to ensure that the identity used by Application1 cannot be used by a user to sign in to sign in to the desktop on Computer1. The solution must use the principle of least privilege.

Solution: On Computer1, you assign Service1 the deny log on as a service user right.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/windows/security/threat-protection/security-policy-settings/deny-log-on-as-a-service

Testlet 1

Case Study

This is a case study. **Case studies are not timed separately. You can use as much exam times as you would like to complete each case.** However, there may be additional studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study
To display the first question in this case study, click the Next **button**. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the **Question** button to return to the question.

Overview

Existing Environment

Fabrikam, Inc. is a distribution company that has 500 employees and 100 contractors.

Active Directory

The network contains an Active Directory forest named fabrikam.com. The forest is synced to Microsoft Azure Active Directory (Azure AD). All the employees are assigned Microsoft 365 E3 licenses.

The domain contains a user account for an employee named User10.

Client Computers

All the employees have computers that run Windows 10 Enterprise. All the computers are installed without Volume License Keys. Windows 10 license keys are never issued.

All the employees register their computer to Azure AD when they first receive the computer.

User10 has a computer named Computer10.

All the contractors have their own computer that runs Windows 10. None of the computers are joined to Azure AD.

Operational Procedures

Fabrikam has the following operational procedures:

▪ Updates are deployed by using Windows Update for Business.
▪ When new contractors are hired, administrators must help the contactors configure the following settings on their computer:
- User certificates
- Browser security and proxy settings
- Wireless network connection settings

Security policies

The following security policies are enforced on all the client computers in the domain:

▪ All the computers are encrypted by using BitLocker Drive Encryption (BitLocker). BitLocker recovery information is stored in Active Directory and Azure AD.
▪ The local Administrators group on each computer contains an enabled account named LocalAdmin. ▪
The LocalAdmin account is managed by using Local Administrator Password Solution (LAPS).

Problem Statements

Fabrikam identifies the following issues:

▪ Employees in the finance department use an application named Application1. Application1 frequently crashes due to a memory error. When Application1 crashes, an event is written to the application log and an administrator runs a script to delete the temporary files and restart the application.
▪ When employees attempt to connect to the network from their home computer, they often cannot establish a VPN connection because of misconfigured VPN settings.
▪ An employee has a computer named Computer11. Computer11 has a hardware failure that prevents the computer from connecting to the network. ▪
User10 reports that Computer10 is not activated.

Technical requirements

Fabrikam identifies the following technical requirements for managing the client computers:

▪ Provide employees with a configuration file to configure their VPN connection.
▪ Use the minimum amount of administrative effort to implement the technical requirements.
▪ Identify which employees' computers are noncompliant with the Windows Update baseline of the company.
▪ Ensure that the service desk uses Quick Assist to take remote control of an employee's desktop during support calls.
▪ Automate the configuration of the contractors' computers. The solution must provide a configuration file that the contractors can open from a Microsoft SharePoint site to apply the required configurations.

QUESTION 1

You need to sign in as LocalAdmin on Computer11.

What should you do first?

A. From the LAPS UI tool, view the administrator account password for the computer object of Computer11.
B. From Local Security Policy, edit the policy password settings on Computer11.
C. From the LAPS UI tool, reset the administrator account password for the computer object of Computer11.
D. From Microsoft Intune, edit the policy password settings on Computer11.

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:
References: https://technet.microsoft.com/en-us/mt227395.aspx

Question Set 2

QUESTION 1
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 have a computer named Computer1 that runs Windows 10. The computer contains a folder. The folder contains sensitive data.

You need to log which user reads the contents of the folder and modifies and deletes files in the folder.

Solution: From the properties of the folder, you configure the **Auditing** settings and from the Audit Policy in the local Group Policy, you configure Audit directory service access.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
References:
https://www.netwrix.com/how_to_detect_who_changed_file_or_folder_owner.html

QUESTION 2
Your network contains an Active Directory domain. The domain contains 1,000 computers that run Windows 10.

You discover that when users are on their lock screen, they see a different background image every day, along with tips for using different features in Windows 10.

You need to disable the tips and the daily background image for all the Windows 10 computers.

Which Group Policy settings should you modify?

A. Turn off the Windows Welcome Experience
B. Turn off Windows Spotlight on Settings
C. Do not suggest third-party content in Windows spotlight

D. Turn off all Windows spotlight features

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:
References: https://docs.microsoft.com/en-us/windows/configuration/windows-spotlight

QUESTION 3
You have a file named Reg1.reg that contains the following content.

```
Windows Registry Editor Version 5.00


[HKEY_CLASSES_ROOT\Directory\Background\shell\Notepad]


[HKEY_CLASSES_ROOT\Directory\Background\shell\Notepad\command]

@="notepad.exe"
```

What is the effect of importing the file?

A. A key named command will be renamed as **notepad.exe**.

B. In a key named Notepad, the command value will be set to **@="notepad.exe"**.

C. In a key named command, the default value will be set to **notepad.exe**.

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 4

You have a computer named Computer1 that runs Windows 10.

On Computer1, you create the local users shown in the following table.

Name	Member of
User1	Users
User2	Users, Guests
User3	Power Users, Guest
User4	Guests, Users, Administrators
User5	Users, Distributed COM Users

Which three user profiles will persist after each user signs out? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. User1
B. User2
C. User3
D. User4
E. User5

Correct Answer: ADE
Section: [none]
Explanation

Explanation/Reference:

QUESTION 5
You have 20 computers that run Windows 10. The computers are in a workgroup.

You need to create a local user named Admin1 on all the computers. Admin1 must be a member of the Remote Management Users group.

What should you do?

A. From Windows Configuration Designer, create a provisioning package, and then run the provisioning package on each computer.
B. Create a script that runs the **New-ADUser** cmdlet and the **Set-AdGroup** cmdlet.
C. Create a Group Policy object (GPO) that contains the Local User Group Policy preference.
D. Create a script that runs the **New-MsolUser** cmdlet and the **Add-ADComputerServiceAccount** cmdlet.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
References: https://blogs.technet.microsoft.com/askpfeplat/2017/11/06/use-group-policy-preferences-to-manage-the-local-administrator-group/

QUESTION 6
You have several computers that run Windows 10. The computers are in a workgroup and have BitLocker Drive Encryption (BitLocker) enabled.

You join the computers to Microsoft Azure Active Directory (Azure AD).

You need to ensure that you can recover the BitLocker recovery key for the computers from Azure AD.

What should you do first?

A. Disable BitLocker.
B. Add a BitLocker key protector.
C. Suspend BitLocker.
D. Disable the TMP chip.

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

References:
https://docs.microsoft.com/en-us/windows/security/information-protection/bitlocker/prepare-your-organization-for-bitlocker-planning-and-policies#bitlocker-keyprotectors

QUESTION 7
HOTSPOT

You have a computer named Computer1 that runs Windows 10. Computer1 is in a workgroup.

Computer1 contains the folders shown in the following table.

Name	Volume	File system	Permission
Folder1	C	NTFS	Full control to Everyone
Folder2	C	NTFS	Full control to Everyone
Folder3	D	NTFS	Full control to Everyone

On Computer1, you create the users shown in the following table.

Name	Member of
User1	Users
User2	Backup Operators, Users
User3	Cryptographic Operators, Users
User4	Administrators, Users

User1 encrypts a file named File1.txt that is in a folder named C:\Folder1.

What is the effect of the configuration? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Users who can move File1.txt to C:\Folder2:

User1 only
User1 and User2 only
User1, User2, and User3 only
User1, User2, User3, and User4

Users who can move File1.txt to D:\Folder3:

User1 only
User1 and User2 only
User1, User2, and User3 only
User1, User2, User3, and User4

Correct Answer:

Answer Area

Users who can move File1.txt to C:\Folder2:

User1 only
User1 and User2 only
User1, User2, and User3 only
User1, User2, User3, and User4

Users who can move File1.txt to D:\Folder3:

User1 only
User1 and User2 only
User1, User2, and User3 only
User1, User2, User3, and User4

Section: [none]
Explanation

Explanation/Reference:

References: https://support.microsoft.com/en-za/help/310316/how-permissions-are-handled-when-you-copy-and-move-files-and-folders **QUESTION 8**
You have a computer named Computer1 that runs Windows 10.

You need to configure User Account Control (UAC) to prompt administrators for their credentials.

Which settings should you modify?

A. Administrators Properties in Local Users and Groups
B. User Account Control Settings in Control Panel
C. Security Options in Local Group Policy Editor
D. User Rights Assignment in Local Group Policy Editor

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
References: https://docs.microsoft.com/en-us/windows/security/identity-protection/user-account-control/user-account-control-security-policy-settings

QUESTION 9
You have several computers that run Windows 10. The computers are in a workgroup.

You need to prevent users from using Microsoft Store apps on their computer.

What are two possible ways to achieve the goal? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. From Security Settings in the local Group Policy, configure **Security Options**.
B. From Administrative Templates in the local Group Policy, configure the **Store** settings.
C. From Security Settings in the local Group Policy, configure **Software Restriction Policies**.
D. From Security Settings in the local Group Policy, configure **Application Control Policies**.

Correct Answer: BD
Section: [none]
Explanation

Explanation/Reference:
References: https://www.techrepublic.com/article/how-to-manage-your-organizations-microsoft-store-group-policy/

QUESTION 10
You have a computer named Computer1 that runs Windows 10.

You need to prevent standard users from changing the wireless network settings on Computer1. The solution must allow administrators to modify the wireless network settings.

What should you use?

A. Windows Configuration Designer
B. MSConfig
C. Local Group Policy Editor
D. an MMC console that has the Group Policy Object Editor snap-in

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 11
Your network contains an Active Directory domain named contoso.com. The domain contains named Computer1 that runs Windows 10.

On Computer1, you create an NTFS folder and assign Full control permissions to Everyone.

You share the folder as Share1 and assign the permissions shown in the following table.

Name	Permission
User1	Full control
User2	Change

When accessing Share1, which two actions can be performed by User1 but not by User2? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Delete a file created by another user.
B. Set the permissions for a file.
C. Rename a file created by another user.
D. Take ownership of file.
E. Copy a file created by another user to a subfolder.

Correct Answer: BD
Section: [none]
Explanation

Explanation/Reference:
References: https://www.varonis.com/blog/ntfs-permissions-vs-share/

QUESTION 12
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.

A user named User1 has a computer named Computer1 that runs Windows 10. Computer1 is joined to an Azure Active Directory (Azure AD) tenant named contoso.com. User1 joins Computer1 to contoso.com by using user1@contoso.com.

Computer1 contains a folder named Folder1. Folder1 is in drive C and is shared as Share1. Share1 has the permission shown in the following table.

Group	Share permission
Everyone	Full control
AzureAD\user1@contoso.com	Owner

A user named User2 has a computer named Computer2 that runs Windows 10. User2 joins Computer2 to contoso.com by using user2@contoso.com.

User2 attempts to access Share1 and receives the following error message: "The username or password is incorrect."

You need to ensure that User2 can connect to Share1.

Solution: In Azure AD, you create a group named Group1 that contains User1 and User2. You grant Group1 Change access to Share1.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
References: https://docs.microsoft.com/en-us/previous-versions/windows/it-pro/windows-server-2008-R2-and-2008/cc754178(v%3dws.10)

QUESTION 13
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.

A user named User2 has a computer named Computer2 that runs Windows 10. User2 joins Computer2 to contoso.com by using user2@contoso.com.

Computer1 contains a folder named Folder1. Folder1 is in drive C and is shared as Share1. Share1 has the permission shown in the following table.

Group	Share permission
Everyone	Full control
AzureAD\user1@contoso.com	Owner

A user named User2 has a computer named Computer2 that runs Windows 10. User2 joins Computer2 to contoso.com by using

user2@contoso.com. User2 attempts to access Share1 and receives the following error message: "The username or password is incorrect." You

need to ensure that User2 can connect to Share1.

Solution: You create a local user account on Computer1 and instruct User2 to use the local account to connect to Share1.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 14
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.

A user named User1 has a computer named Computer1 that runs Windows 10. Computer1 is joined to an Azure Active Directory (Azure AD) tenant named contoso.com. User1 joins Computer1 to contoso.com by using user1@contoso.com.

Computer1 contains a folder named Folder1. Folder1 is in drive C and is shared as Share1. Share1 has the permission shown in the following table.

Group	Share permission
Everyone	Full control
AzureAD\user1@contoso.com	Owner

A user named User2 has a computer named Computer2 that runs Windows 10. User2 joins Computer2 to contoso.com by using user2@contoso.com.

User2 attempts to access Share1 and receives the following error message: "The username or password is incorrect."

You need to ensure that User2 can connect to Share1.

Solution: In Azure AD, you create a group named Group1 that contains User1 and User2. You grant Group1 Modify access to Folder1.

Does this meet the goal?

A. Yes
B. No

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:
References: https://docs.microsoft.com/en-us/previous-versions/windows/it-pro/windows-server-2008-R2-and-2008/cc754178(v%3dws.10)

QUESTION 15
You have a computer named Computer1 that runs Windows 10. Computer1 contains a folder named Folder1.

You need to log any users who take ownership of the files in Folder1.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Modify the folder attributes of Folder1.
B. Modify the Advanced Security Settings for Folder1.
C. From a Group Policy object (GPO), configure the Audit Sensitive Privilege Use setting.
D. From a Group Policy object (GPO), configure the Audit File System setting.
E. Install the Remote Server Administration Tools (RSAT).

Correct Answer: BD
Section: [none]
Explanation

Explanation/Reference:
References:
https://www.netwrix.com/how_to_detect_who_changed_file_or_folder_owner.html
QUESTION 16
You are a network administrator at your company.

The company uses an application that checks for network connectivity to a server by sending a ping request to the IPv6 address of the server replies, the application loads.

A user cannot open the application.

You manually send the ping request from the computer of the user and the server does not reply. You send the ping request from your computer and the server replies.

You need to ensure that the ping request works from the user's computer.

Which Windows Defender firewall rule is a possible cause of the issue?

A. File and Printer Sharing (NB-Datagram-In)
B. File and Printer Sharing (Echo request ICMPv6-Out)
C. File and Printer Sharing (NB-Datagram-Out)
D. File and Printer Sharing (Echo Request ICMPv6-In)

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:
References: https://www.howtogeek.com/howto/windows-vista/allow-pings-icmp-echo-request-through-your-windows-vista-firewall/

QUESTION 17
Your network contains an Active Directory domain. The domain contains a computer named Computer1 that runs Windows 10.

You need to view the settings to Computer1 by Group Policy objects (GPOs) in the domain and local Group Policies.

Which command should you run?

A. `gpresult`

B. `secedit`

C. `gpupdate`

D. `gpfixup`

Correct Answer: A

Section: [none]
Explanation

Explanation/Reference:
References: https://docs.microsoft.com/en-us/windows-server/administration/windows-commands/gpresult

QUESTION 18
Your network contains an Active Directory domain. The domain contains computers that run Windows 10.

You need to provide a user with the ability to remotely create and modify shares on the computers. The solution must use the principle of least privilege.

To which group should you add the user?

A. Power Users
B. Remote Management Users
C. Administrators
D. Network Configuration Operators

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 19
You have a computer named Computer1 that runs Windows 10. Computer1 belongs to a workgroup.

You run the following commands on Computer1.

```
New-LocalUser -Name User1 -NoPassword Add-
LocalGroupMember User -Member User1
```

What is the effect of the configurations?

A. User1 is prevented from signing in until the user is assigned additional user rights.
B. User1 appears on the sign-in screen and can sign in without a password.
C. User1 is prevented from signing in until an administrator manually sets a password for the user.

D. User1 appears on the sign-in screen and must set a new password on the first sign-in attempts.

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
References: https://docs.microsoft.com/en-us/powershell/module/microsoft.powershell.localaccounts/new-localuser?view=powershell-5.1

Testlet 1

Case Study

This is a case study. **Case studies are not timed separately. You can use as much exam times as you would like to complete each case.** However, there may be additional studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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To start the case study

To display the first question in this case study, click the Next **button**. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the **Question** button to return to the question. **Overview**

Contoso, Ltd. is a consulting company that has a main office in Montreal and two branch offices in Seattle and New York.

Contoso has IT, human resources (HR), and finance departments.

Contoso recently opened a new branch office in San Diego. All the users in the San Diego office work from home.

Existing environment

Contoso uses Microsoft 365.

The on-premises network contains an Active Directory domain named contoso.com. The domain is synced to Microsoft Azure Active Directory (Azure AD).

All computers run Windows 10 Enterprise.

You have four computers named Computer1, Computer2, Computer3, and ComputerA. ComputerA is in a workgroup on an isolated network segment and runs the Long Term Servicing Channel version of Windows 10. ComputerA connects to a manufacturing system and is business critical. All the other computers are joined to the domain and run the Semi-Annual Channel version of Windows 10.

In the domain, you create four groups named Group1, Group2, Group3, and Group4.

Computer2 has the local Group Policy settings shown in the following table.

Policy	Security Setting
Access this computer from the network	Group1
Deny access to this computer from the network	Group2
Allow log on through Remote Desktop Services	Group3
Deny log on through Remote Desktop Services	Group4

The computers are updated by using Windows Update for Business.

The domain has the users shown in the following table.

Name	Member of
User1	Domain Admins, Domain Users
User2	Administrators, Domain Users
User3	Account Operators, Domain Users
User4	Domain Users
User5	Domain Users, Guests
User6	Group2, Group3, Domain Users

Computer1 has the local users shown in the following table.

Name	Member of
User11	Administrators
User12	Users
User13	Guests

Requirements

Planned Changes
Contoso plans to purchase computers preinstalled with Windows 10 Pro for all the San Diego office users.

Technical requirements

Contoso identifies the following technical requirements:

- The computers in the San Diego office must be upgraded automatically to Windows 10 Enterprise and must be joined to Azure AD the first time a user starts each new computer. End users must not be required to accept the End User License Agreement (EULA).
- Helpdesk users must be able to troubleshoot Group Policy object (GPO) processing on the Windows 10 computers. The helpdesk users must be able to identify which Group Policies are applied to the computers.
- Users in the HR department must be able to view the list of files in a folder named D:\Reports on Computer3.
- ComputerA must be configured to have an Encrypting File System (EFS) recovery agent.
- Quality update installations must be deferred as long as possible on ComputerA.
- Users in the IT department must use dynamic look on their primary device.
- User6 must be able to connect to Computer2 by using Remote Desktop.
- The principle of least privilege must be used whenever possible.
- Administrative effort must be minimized whenever possible. ▪

Assigned access must be configured on Computer1.

QUESTION 1
You need to meet the technical requirement for User6.

What should you do?

A. Add User6 to the Remote Desktop Users group in the domain.
B. Remove User6 from Group2 in the domain.
C. Add User6 to the Remote Desktop Users group on Computer2.
D. And User6 to the Administrators group on Computer2.

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 2
You need to meet the technical requirement for the IT department users.

What should you do first?

A. Issue computer certificates
B. Distribute USB keys to the IT department users.
C. Enable screen saver and configure a timeout.
D. Turn on Bluetooth.

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:
References:
https://support.microsoft.com/en-za/help/4028111/windows-lock-your-windows-10-pc-automatically-when-you-step-away-from

Question Set 2

QUESTION 1
A user named User1 has a computer named Computer1 that runs Windows 10.

User1 connects to a Microsoft Azure virtual machine named VM1 by using Remote Desktop.

User1 creates a VPN connection to a partner organization.

When the VPN connection is established, User1 cannot connect to VM1. When User1 disconnects from the VPN, the user can connect to VM1.

You need to ensure that User1 can connect to VM1 while connected to the VPN.

What should you do?

A. From the proxy settings, add the IP address of VM1 to the bypass list to bypass the proxy.
B. From the properties of VPN1, clear the Use **default gateway on remote network** check box.
C. From the properties of the Remote Desktop connection to VM1, specify a Remote Desktop Gateway (RD Gateway).
D. From the properties of VPN1, configure a static default gateway address.

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference: References: https://www.stevejenkins.com/blog/2010/01/using-the-local-default-gateway-with-a-windows-vpn-connection/

QUESTION 2
You have 200 computers that run Windows 10 and are joined to an Active Directory domain.

You need to enable Windows Remote Management (WinRM) on all the computers by using Group Policy.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Set the Startup Type of the Windows Remote Management (WS-Management) service to **Automatic**.
B. Enable the Windows Firewall: Allow inbound remote administration exception setting.
C. Enable the Allow remote server management through WinRM setting.

D. Enable the Windows Firewall: Allow inbound Remote Desktop exceptions setting.

E. Enable the Allow Remote Shell access setting.

F. Set the Startup Type of the Remote Registry service to **Automatic**.

Correct Answer: ACD
Section: [none]
Explanation

Explanation/Reference:
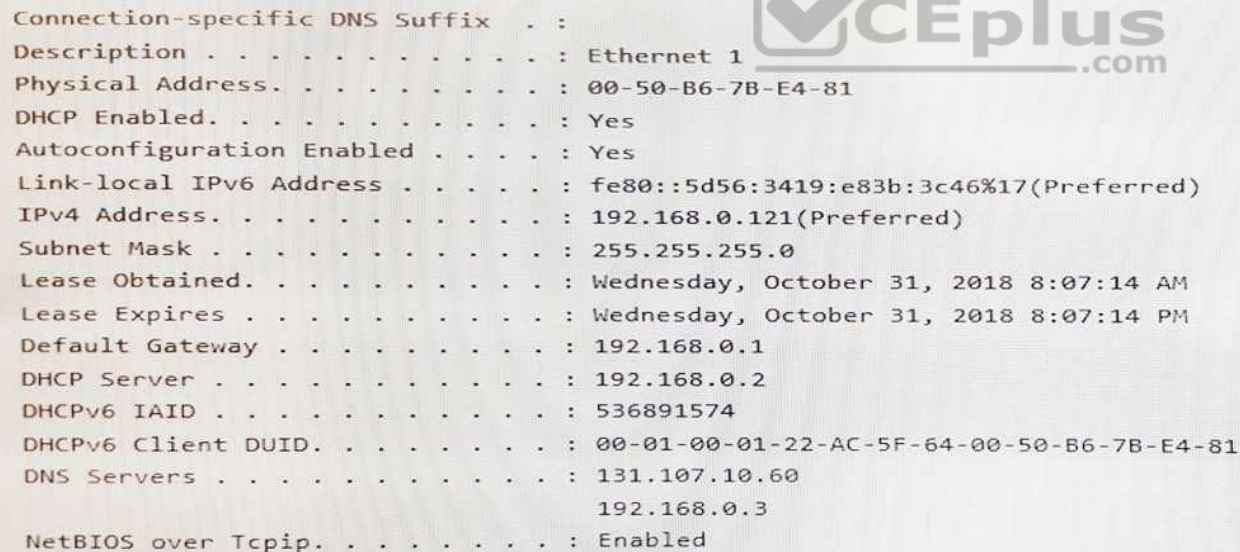References: http://www.mustbegeek.com/how-to-enable-winrm-via-group-policy/

QUESTION 3
A user has a computer that runs Windows 10.

When the user connects the computer to the corporate network, the user cannot access the internal corporate servers. The user can access servers on the Internet.

You run the ipconfig command and receive the following output.

```
Connection-specific DNS Suffix  . :
Description . . . . . . . . . . . : Ethernet 1
Physical Address. . . . . . . . . : 00-50-B6-7B-E4-81
DHCP Enabled. . . . . . . . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::5d56:3419:e83b:3c46%17(Preferred)
IPv4 Address. . . . . . . . . . . : 192.168.0.121(Preferred)
Subnet Mask . . . . . . . . . . . : 255.255.255.0
Lease Obtained. . . . . . . . . . : Wednesday, October 31, 2018 8:07:14 AM
Lease Expires . . . . . . . . . . : Wednesday, October 31, 2018 8:07:14 PM
Default Gateway . . . . . . . . . : 192.168.0.1
DHCP Server . . . . . . . . . . . : 192.168.0.2
DHCPv6 IAID . . . . . . . . . . . : 536891574
DHCPv6 Client DUID. . . . . . . . : 00-01-00-01-22-AC-5F-64-00-50-B6-7B-E4-81
DNS Servers . . . . . . . . . . . : 131.107.10.60
                                    192.168.0.3
NetBIOS over Tcpip. . . . . . . . : Enabled
```

You send a ping request and successfully ping the default gateway, the DNS servers, and the DHCP server.

Which configuration on the computer causes the issue?

A. the DNS servers
B. the IPv4 address
C. the subnet mask
D. the default gateway address

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:

QUESTION 4
You have 15 computers that run Windows 10. Each computer has two network interfaces named Interface1 and Interface2.

You need to ensure that network traffic uses Interface1, unless Interface1 is unavailable.

What should you do?

A. Run the **Set-NetIPInterface –InterfaceAlias Interface1 –InterfaceMetric 1** command.
B. Run the **Set-NetAdapterBinding –Name Interface2 –Enabled $true –ComponentID ms_tcpip –ThrottleLimit 0** command.
C. Set a static IP address on Interface 1.
D. From Network Connections in Control Pane, modify the Provider Order.

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:
References:

https://tradingtechnologies.atlassian.net/wiki/spaces/KB/pages/27439127/How+to+Change+Network+Adapter+Priorities+in+Windows+10

https://docs.microsoft.com/en-us/powershell/module/nettcpip/set-netipinterface?view=win10-ps

QUESTION 5
Your network contains an Active Directory domain. The domain contains 10 computers that run Windows 10. Users in the finance department use the computers.

You have a computer named Computer1 that runs Windows 10.

From Computer1, you plan to run a script that executes Windows PowerShell commands on the finance department computers.

You need to ensure that you can run the PowerShell commands on the finance department from Computer1.

What should you do on the finance department computers?

A. From the local Group Policy, enable the **Allow Remote Shell Access** setting.
B. From the local Group Policy, enable the **Turn on Script Execution** setting.
C. From the Windows PowerShell, run the **Enable-MMAgent** cmdlet.
D. From the Windows PowerShell, run the **Enable-PSRemoting** cmdlet.

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference: References: https://docs.microsoft.com/en-us/powershell/module/microsoft.powershell.core/enable-psremoting?view=powershell-6 **Testlet 1**

Case Study

This is a case study. **Case studies are not timed separately. You can use as much exam times as you would like to complete each case.** However, there may be additional studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study
To display the first question in this case study, click the Next **button**. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the **Question** button to return to the question. **Overview**

Contoso, Ltd. is a consulting company that has a main office in Montreal and two branch offices in Seattle and New York.

Contoso has IT, human resources (HR), and finance departments.

Contoso recently opened a new branch office in San Diego. All the users in the San Diego office work from home.

Existing environment

Contoso uses Microsoft 365.

The on-premises network contains an Active Directory domain named contoso.com. The domain is synced to Microsoft Azure Active Directory (Azure AD).

All computers run Windows 10 Enterprise.

You have four computers named Computer1, Computer2, Computer3, and ComputerA. ComputerA is in a workgroup on an isolated network segment and runs the Long Term Servicing Channel version of Windows 10. ComputerA connects to a manufacturing system and is business critical. All the other computers are joined to the domain and run the Semi-Annual Channel version of Windows 10.

In the domain, you create four groups named Group1, Group2, Group3, and Group4.

Computer2 has the local Group Policy settings shown in the following table.

Policy	Security Setting
Access this computer from the network	Group1
Deny access to this computer from the network	Group2
Allow log on through Remote Desktop Services	Group3
Deny log on through Remote Desktop Services	Group4

The computers are updated by using Windows Update for Business.

The domain has the users shown in the following table.

Name	Member of
User1	Domain Admins, Domain Users
User2	Administrators, Domain Users
User3	Account Operators, Domain Users
User4	Domain Users
User5	Domain Users, Guests
User6	Group2, Group3, Domain Users

Computer1 has the local users shown in the following table.

Name	Member of
User11	Administrators
User12	Users
User13	Guests

Requirements

Planned Changes
Contoso plans to purchase computers preinstalled with Windows 10 Pro for all the San Diego office users.

Technical requirements

Contoso identifies the following technical requirements:

▪ The computers in the San Diego office must be upgraded automatically to Windows 10 Enterprise and must be joined to Azure AD the first time a user starts each new computer. End users must not be required to accept the End User License Agreement (EULA).
▪ Helpdesk users must be able to troubleshoot Group Policy object (GPO) processing on the Windows 10 computers. The helpdesk users must be able to identify which Group Policies are applied to the computers.
▪ Users in the HR department must be able to view the list of files in a folder named D:\Reports on Computer3.
▪ ComputerA must be configured to have an Encrypting File System (EFS) recovery agent.
▪ Quality update installations must be deferred as long as possible on ComputerA.

- Users in the IT department must use dynamic look on their primary device.
- User6 must be able to connect to Computer2 by using Remote Desktop.
- The principle of least privilege must be used whenever possible.
- Administrative effort must be minimized whenever possible.
Assigned access must be configured on Computer1.

QUESTION 1
You need to meet the quality update requirement for ComputerA.

For how long should you defer the updates?

A. 14 days
B. 10 years
C. 5 years
D. 180 days
E. 30 days

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
References: https://docs.microsoft.com/en-us/windows/deployment/update/waas-overview

Question Set 2

QUESTION 1
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 have a computer named Computer1 that runs Windows 10.

You test Windows updates on Computer1 before you make the updates available to other users at your company.

You install a quality update that conflicts with a customer device driver.

You need to remove the update from Computer1.

Solution: From System Restore, you revert the system state to a restore point that was created before the update was installed.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference: References: https://support.microsoft.com/en-us/help/934307/description-of-the-windows-update-standalone-installer-in-windows

QUESTION 2
You have 100 computers that run Windows 10. The computers are in a workgroup.

The computers have a low-bandwidth metered Internet connection.

You need to reduce the amount of Internet bandwidth consumed to download updates.

What should you configure?

A. BranchCache in hosted mode

B. BranchCache in distributed cache mode
C. Delivery Optimization
D. Background intelligent Transfer Service (BITS)

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
References: https://support.microsoft.com/en-us/help/4468254/windows-update-delivery-optimization-faq

QUESTION 3
You have a computer that runs Windows 10.

You discover that Windows updates are failing to install on the computer.

You need to generate a log file that contains detailed information about the failures.

Which cmdlet should you run?

A. **Get–LogProperties**
B. **Get–WindowsErrorReporting**
C. **Get–WindowsUpdateLog**
D. **Get–WinEvent**

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
References: https://docs.microsoft.com/en-us/powershell/module/windowsupdate/get-windowsupdatelog?view=win10-ps

QUESTION 4
HOTSPOT

You are planning a recovery strategy for computers that run Windows 10.

You need to create recovery procedures to roll back feature updates and quality updates.

What should you include in the procedures? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

To roll back feature updates:

Recovery from the Settings app
Windows Update from the Settings app
Programs and Features from the Control Panel
Troubleshoot from the Settings app

To roll back quality updates:

Recovery from the Settings app
Windows Update from the Settings app
Programs and Features from the Control Panel
Troubleshoot from the Settings app

Correct Answer:

Answer Area

To roll back feature updates:

Recovery from the Settings app
Windows Update from the Settings app
Programs and Features from the Control Panel
Troubleshoot from the Settings app

To roll back quality updates:

Recovery from the Settings app
Windows Update from the Settings app
Programs and Features from the Control Panel
Troubleshoot from the Settings app

Section: [none]
Explanation

Explanation/Reference:
References:
https://www.thewindowsclub.com/rollback-uninstall-windows-10-creators-update https://www.dummies.com/computers/pcs/undo-

windows-update/

QUESTION 5
You have a computer that runs Windows 10.

You can start the computer but cannot sign in.

You need to start the computer into the Windows Recovery Environment (WinRE).

What should you do?

A. Turn off the computer. Turn on the computer, and then press **F8**.
B. Turn off the computer. Turn on the computer, and then press **F10**.
C. From the sign-in screen, hold the Shift key, and then click **Restart**.
D. Hold **Alt+Ctrl+Delete** for 10 seconds.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
References: https://docs.microsoft.com/en-us/windows-hardware/manufacture/desktop/windows-recovery-environment--windows-re--technical-reference

QUESTION 6
Your company purchases 20 laptops that use a new hardware platform.

In a test environment, you deploy Windows 10 to the new laptops.

Some laptops frequently generate stop errors.

You need to identify the cause of the issue.

What should you use?

A. Reliability Monitor
B. Task Manager
C. System Configuration
D. Performance Monitor

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:
References: https://lifehacker.com/how-to-troubleshoot-windows-10-with-reliability-monitor-1745624446

QUESTION 7
You have a computer named Computer1 that runs Windows 10 and has an application named App1.

You need to use Performance Monitor to collect data about the processor utilization of App1.

Which performance object should you monitor?

A. Process
B. Processor Performance
C. Processor Information
D. Processor

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:
References:
https://www.cse.wustl.edu/~jain/cse567-06/ftp/os_monitors/index.html