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Exam : **SC-300**

Title : Microsoft Identity and
Access Administrator

Version : DEMO

1. Topic 1, Litware, Inc

Overview

Litware, Inc. is a pharmaceutical company that has a subsidiary named fabrikam, inc Litware has offices in Boston and Seattle, but has employees located across the United States. Employees connect remotely to either office by using a VPN connection.

Identity Environment

The network contains an Active Directory forest named litware.com that is linked to an Azure Active Directory (Azure AD) tenant named litware.com. Azure AD Connect uses pass-through authentication and has password hash synchronization disabled. Litware.com contains a user named User1 who oversees all application development.

Litware implements Azure AD Application Proxy.

Fabrikam has an Azure AD tenant named fabrikam.com. The users at Fabrikam access the resources in litware.com by using guest accounts in the litware.com tenant.

Cloud Environment

All the users at Litware have Microsoft 365 Enterprise E5 licenses. All the built-in anomaly detection policies in Microsoft Cloud App Security are enabled.

Litware has an Azure subscription associated to the litware.com Azure AD tenant. The subscription contains an Azure Sentinel instance that uses the Azure Active Directory connector and the Office 365 connector. Azure Sentinel currently collects the Azure AD sign-ins logs and audit logs.

On-premises Environment

The on-premises network contains the servers shown in the following table.

Name	Operating system	Office	Description
DC1	Windows Server 2019	Boston	Domain controller for litware.com
SERVER1	Windows Server 2019	Boston	Member server in litware.com that runs the Azure AD Application Proxy connector
SERVER2	Windows Server 2019	Boston	Member server that uses Azure AD Connect

Both Litware offices connect directly to the internet. Both offices connect to virtual networks in the Azure subscription by using a site-to-site VPN connection. All on-premises domain controllers are prevented from accessing the internet.

Delegation Requirements

Litware identifies the following delegation requirements:

- * Delegate the management of privileged roles by using Azure AD Privileged Identity Management (PIM).
- * Prevent nonprivileged users from registering applications in the litware.com Azure AD tenant-
- * Use custom catalogs and custom programs for Identity Governance.
- * Ensure that User1 can create enterprise applications in Azure AD. Use the principle of least privilege.

Licensing Requirements

Litware recently added a custom user attribute named LWLicenses to the litware.com Active Directory forest. Litware wants to manage the assignment of Azure AD licenses by modifying the value of the LWLicenses attribute. Users who have the appropriate value for LWLicenses must be added automatically to Microsoft 365 group that he appropriate license assigned.

Management Requirement

Litware wants to create a group named LWGroup1 will contain all the Azure AD user accounts for Litware but exclude all the Azure AD guest accounts.

Authentication Requirements

Litware identifies the following authentication requirements:

- Implement multi-factor authentication (MFA) for all Litware users.
- Exempt users from using MFA to authenticate to Azure AD from the Boston office of Litware.
- Implement a banned password list for the litware.com forest.
- Enforce MFA when accessing on-premises applications.
- Automatically detect and remediate externally leaked credentials

Access Requirements

Litware wants to create a group named LWGroup1 that will contain all the Azure AD user accounts for Litware but exclude all the Azure AD guest accounts.

Monitoring Requirements

Litware wants to use the Fusion rule in Azure Sentinel to detect multi-staged that include a combination of suspicious Azure AD sign-ins followed by anomalous Microsoft Office 365 activity.

You need to configure the detection of multi-staged attacks to meet the monitoring requirements.

What should you do?

- A. Customize the Azure Sentinel rule logic.
- B. Create a workbook.
- C. Add Azure Sentinel data connectors.
- D. Add an Azure Sentinel playbook.

Answer: A

2.HOTSPOT

You need to identify which roles to use for managing role assignments. The solution must meet the delegation requirements.

What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

To manage Azure AD built-in role assignments, use:

Global administrator
Privileged role administrator
Security administrator
User access administrator

To manage Azure built-in role assignments, use:

Global administrator
Privileged role administrator
Security administrator
User access administrator

Answer:

To manage Azure AD built-in role assignments, use:

Global administrator
Privileged role administrator
Security administrator
User access administrator

To manage Azure built-in role assignments, use:

Global administrator
Privileged role administrator
Security administrator
User access administrator

3.HOTSPOT

You need to configure the assignment of Azure AD licenses to the Litware users. The solution must meet the licensing requirements.

What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Azure AD Connect settings to modify:

Directory Extensions
Domain Filtering
Optional Features

Assign Azure AD licenses to:

An Azure Active Directory group that has only nested groups
An Azure Active Directory group that has the Assigned membership type
An Azure Active Directory group that has the Dynamic User membership type

Answer:

Azure AD Connect settings to modify:

Directory Extensions
Domain Filtering
Optional Features

Assign Azure AD licenses to:

An Azure Active Directory group that has only nested groups
An Azure Active Directory group that has the Assigned membership type
An Azure Active Directory group that has the Dynamic User membership type

Explanation:

Explanation:

Litware recently added a custom user attribute named LWLicenses to the litware.com Active Directory forest. Litware wants to manage the assignment of Azure AD licenses by modifying the value of the LWLicenses attribute. Users who have the appropriate value for LWLicenses must be added automatically to a Microsoft 365 group that has the appropriate licenses assigned.

4. You need to configure the MFA settings for users who connect from the Boston office. The solution must meet the authentication requirements and the access requirements.

What should you configure?

- A. named locations that have a private IP address range
- B. named locations that have a public IP address range
- C. trusted IPs that have a public IP address range
- D. trusted IPs that have a private IP address range

Answer: C

Explanation:

Reference: <https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/location-condition>
Location offer your country set, IP ranges MFA trusted IP and corporate network VPN gateway IP address: This is the public IP address of the VPN device for your on-premises network. The VPN device requires an IPv4 public IP address. Specify a valid public IP address for the VPN device to which you want to connect. It must be reachable by Azure Client Address space: List the IP address ranges that you want routed to the local on-premises network through this gateway. You can add multiple address space ranges. Make sure that the ranges you specify here do not overlap with ranges of other networks your virtual network connects to, or with the address ranges of the virtual network itself.

5.HOTSPOT

You need to configure app registration in Azure AD to meet the delegation requirements.

What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Azure AD tenant-level setting to modify: ▼

Allow users to register application
Users can consent to apps accessing company data on their behalf
Users can request admin consent to apps they are unable to consent to

Role to assign to User1: ▼

Application administrator
Application developer
Cloud application administrator

Answer:

Azure AD tenant-level setting to modify: ▼

Allow users to register application
Users can consent to apps accessing company data on their behalf
Users can request admin consent to apps they are unable to consent to

Role to assign to User1: ▼

Application administrator
Application developer
Cloud application administrator

Explanation:

Graphical user interface, text
Description automatically generated