

- **Vendor: Microsoft**
- **Exam Code: SC-200**
- **Exam Name: Microsoft Security Operations Analyst**
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QUESTION 42

Drag and Drop Question

You are investigating an incident by using Microsoft 365 Defender.

You need to create an advanced hunting query to detect failed sign-in authentications on three devices named CFOLaptop, CEOlaptop, and COOLaptop.

How should you complete the query? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Values	Answer Area
<code> project LogonFailures=count()</code>	
<code> summarize LogonFailures=count() by DeviceName, LogonType</code>	
<code> where ActionType == FailureReason</code>	
<code> where DeviceName in ("CFOLaptop, "CEOlaptop", "COOLaptop")</code>	
<code>ActionType == "LogonFailed"</code>	

and

Answer:

Values

Answer Area

```
| summarize LogonFailures=count()  
by DeviceName, LogonType
```

```
| where DeviceName in ("CFOLaptop,  
"CEOLaptop", "COOLaptop")
```

```
| where ActionType ==  
FailureReason
```

and

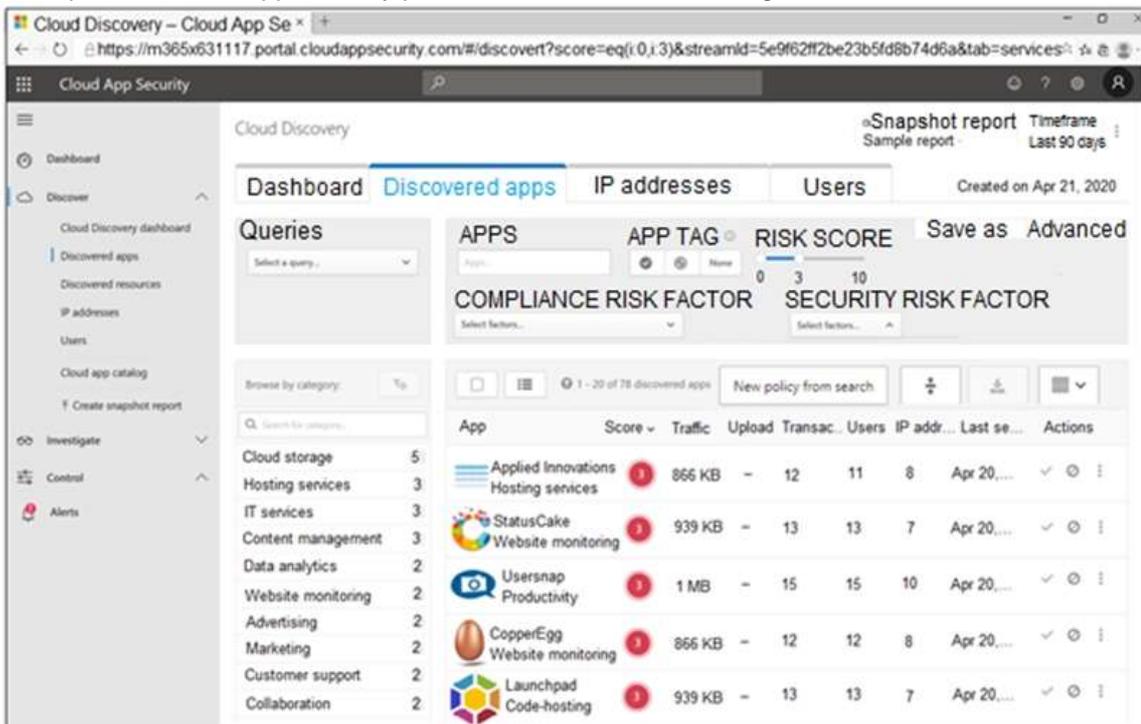
```
ActionType == "LogonFailed"
```

```
| project LogonFailures=count()
```

QUESTION 43

Drag and Drop Question

You open the Cloud App Security portal as shown in the following exhibit.



You need to remediate the risk for the Launchpad app.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Tag the app as **Unsanctioned**.
- Run the script on the source appliance.
- Run the script in Azure Cloud Shell.
- Select the app.
- Tag the app as **Sanctioned**.
- Generate a block script.

Answer Area



Answer:

Actions

- Run the script in Azure Cloud Shell.
- Tag the app as **Sanctioned**.

Answer Area

- Select the app.
- Tag the app as **Unsanctioned**.
- Generate a block script.
- Run the script on the source appliance.

Explanation:

<https://docs.microsoft.com/en-us/cloud-app-security/governance-discovery>

QUESTION 44

Hotspot Question

You have a Microsoft 365 E5 subscription.

You plan to perform cross-domain investigations by using Microsoft 365 Defender.

You need to create an advanced hunting query to identify devices affected by a malicious email attachment.

How should you complete the query? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

EmailAttachmentInfo

```
| where SenderFromAddress =~ "MaliciousSender@example.com"
```

```
| where isnotempty (SHA256)
```

```
| 

|         |   |   |
|---------|---|---|
|         | ▼ | ( |
| extend  |   |   |
| join    |   |   |
| project |   |   |
| union   |   |   |


```

DeviceFileEvents

```
| 

|         |   |                  |
|---------|---|------------------|
|         | ▼ | FileName, SHA256 |
| extend  |   |                  |
| join    |   |                  |
| project |   |                  |
| union   |   |                  |


```

```
) on SHA256
```

```
| 

|         |   |                                                    |
|---------|---|----------------------------------------------------|
|         | ▼ | Timestamp, FileName, SHA256, DeviceName, DeviceId, |
| extend  |   |                                                    |
| join    |   |                                                    |
| project |   |                                                    |
| union   |   |                                                    |


```

```
NetworkMessageId, SenderFromAddress, RecipientEmailAddress
```

Answer:

Answer Area

EmailAttachmentInfo

```
| where SenderFromAddress =~ "MaliciousSender@example.com"
```

```
| where isnotempty (SHA256)
```

```
| 

|         |   |   |
|---------|---|---|
|         | ▼ | ( |
| extend  |   |   |
| join    |   |   |
| project |   |   |
| union   |   |   |


```

DeviceFileEvents

```
| 

|         |   |                  |
|---------|---|------------------|
|         | ▼ | FileName, SHA256 |
| extend  |   |                  |
| join    |   |                  |
| project |   |                  |
| union   |   |                  |


```

```
) on SHA256
```

```
| 

|         |   |                                                    |
|---------|---|----------------------------------------------------|
|         | ▼ | Timestamp, FileName, SHA256, DeviceName, DeviceId, |
| extend  |   |                                                    |
| join    |   |                                                    |
| project |   |                                                    |
| union   |   |                                                    |


```

```
NetworkMessageId, SenderFromAddress, RecipientEmailAddress
```

Explanation:

<https://docs.microsoft.com/en-us/microsoft-365/security/mtp/advanced-hunting-query-emails-devices?view=o365-worldwide>

QUESTION 45

Hotspot Question

You manage the security posture of an Azure subscription that contains two virtual machines name vm1 and vm2. The secure score in Azure Security Center is shown in the Security Center exhibit. (Click the Security Center tab.)



Resource exemption (preview)

Now you can exempt irrelevant resources so they do not affect your secure score. [Learn more](#)

Each security control below represents a security risk you should mitigate. Address the recommendations in each control, focusing on the controls worth the most points. To get the max score, fix all recommendations for all resources in a control. [Learn more](#)

Search recommendations

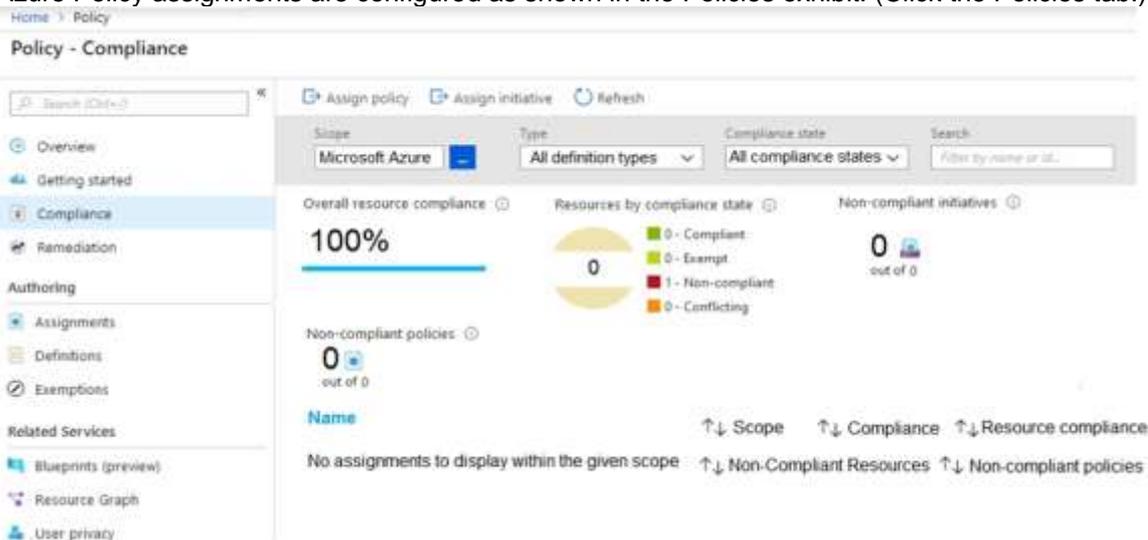
Control status: **2 Selected** Recommendation status: **2 Selected**

Recommendation maturity: **All** Resource type: **All** Quick fix available: **All**

Contains exemptions: **All** [Reset filters](#) Group by controls: On

Controls	Potential score increase	Unhealthy resources	Resource Health
> Restrict unauthorized network access	+9% (4 points)	2 of 2 resources	
> Secure management ports	+9% (4 points)	1 of 2 resources	
> Enable encryption at rest	+9% (4 points)	2 of 2 resources	
> Remediate security configurations	+4% (2 points)	1 of 2 resources	
> Apply adaptive application control	+3% (2 points)	1 of 2 resources	
> Apply system updates ✔ Completed	+0% (0 points)	None	
> Enable endpoint protection ✔ Completed	+0% (0 points)	None	
> Remediate vulnerabilities ✔ Completed	+0% (0 points)	None	
> Implement security best practices ✔ Completed	+0% (0 points)	None	
> Enable MFA ✔ Completed	+0% (0 points)	None	
> Manage access and permissions ✔ Completed	+0% (0 points)	None	

Azure Policy assignments are configured as shown in the Policies exhibit. (Click the Policies tab.)



The screenshot shows the Azure Policy - Compliance interface. The left sidebar includes sections for Overview, Getting started, Compliance (selected), Remediation, Authoring, Assignments, Definitions, Exemptions, and Related Services (Blueprints, Resource Graph, User privacy). The main content area shows filters for Scope (Microsoft Azure), Type (All definition types), and Compliance state (All compliance states). It displays 'Overall resource compliance' at 100% and 'Resources by compliance state' as 0 (0 Compliant, 0 Exempt, 0 Non-compliant, 0 Conflicting). It also shows 'Non-compliant policies' as 0 out of 0. At the bottom, it states 'No assignments to display within the given scope'.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
 NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Both virtual machines have inbound rules that allow access from either Any or Internet ranges.	<input type="radio"/>	<input type="radio"/>
Both virtual machines have management ports exposed directly to the internet.	<input type="radio"/>	<input type="radio"/>
If you enable just-in-time network access controls on all virtual machines, you will increase the secure score by four point.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
Both virtual machines have inbound rules that allow access from either Any or Internet ranges.	<input checked="" type="radio"/>	<input type="radio"/>
Both virtual machines have management ports exposed directly to the internet.	<input type="radio"/>	<input checked="" type="radio"/>
If you enable just-in-time network access controls on all virtual machines, you will increase the secure score by four point.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation:

<https://techcommunity.microsoft.com/t5/azure-security-center/security-control-restrict-unauthorized-network-access/ba-p/1593833>
<https://techcommunity.microsoft.com/t5/azure-security-center/security-control-secure-management-ports/ba-p/1505770>

QUESTION 46

Drag and Drop Question

You are informed of a new common vulnerabilities and exposures (CVE) vulnerability that affects your environment. You need to use Microsoft Defender Security Center to request remediation from the team responsible for the affected systems if there is a documented active exploit available.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- From Device Inventory, search for the CVE.
- Open the Threat Protection report.
- From Threat & Vulnerability Management, select **Weaknesses**, and search for the CVE.
- From Advanced hunting, search for cveId in the DeviceTvmSoftwareInventoryVulnerabilitites table.
- Create the remediation request.
- Select **Security recommendations**.

Answer Area



Answer:

Actions

- From Device Inventory, search for the CVE.
- Open the Threat Protection report.
- From Advanced hunting, search for cveId in the DeviceTvmSoftwareInventoryVulnerabilitites table.

Answer Area

- From Threat & Vulnerability Management, select **Weaknesses**, and search for the CVE.
- Select **Security recommendations**.
- Create the remediation request.

Explanation:

<https://techcommunity.microsoft.com/t5/core-infrastructure-and-security/microsoft-defender-atp-remediate-apps-using-mem/ba-p/1599271>

QUESTION 47

Hotspot Question

You have an Azure subscription that has Azure Defender enabled for all supported resource types.

You create an Azure logic app named LA1.

You plan to use LA1 to automatically remediate security risks detected in Azure Security Center.

You need to test LA1 in Security Center.

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

NOTE: Each correct selection is worth one point.

Answer Area

Set the LA1 trigger to:

▼
When an Azure Security Center Recommendation is created or triggered
When an Azure Security Center Alert is created or triggered
When a response to an Azure Security Center alert is triggered

Trigger the execution of LA1 from:

▼
Recommendations
Workflow automation

Answer:

Answer Area

Set the LA1 trigger to:

▼
When an Azure Security Center Recommendation is created or triggered
When an Azure Security Center Alert is created or triggered
When a response to an Azure Security Center alert is triggered

Trigger the execution of LA1 from:

▼
Recommendations
Workflow automation

Explanation:

<https://docs.microsoft.com/en-us/azure/security-center/workflow-automation#create-a-logic-app-and-define-when-it-should-automatically-run>

QUESTION 48

Drag and Drop Question

You create a new Azure subscription and start collecting logs for Azure Monitor.

You need to configure Azure Security Center to detect possible threats related to sign-ins from suspicious IP addresses to Azure virtual machines. The solution must validate the configuration.

Which three actions should you perform in a sequence? To answer, move the appropriate actions from the list of action to the answer area and arrange them in the correct order.

Actions

Answer Area

- Change the alert severity threshold for emails to **Medium**.
- Copy an executable file on a virtual machine and rename the file as ASC_AlertTest_662jfi039N.exe.
- Enable Azure Defender for the subscription.
- Change the alert severity threshold for emails to **Low**.
- Run the executable file and specify the appropriate arguments.
- Rename the executable file as AlertTest.exe.



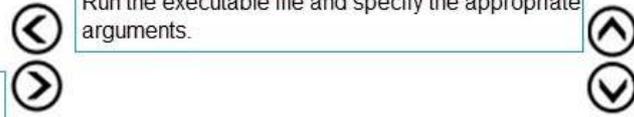
Answer:

Actions

- Change the alert severity threshold for emails to **Medium**.
- Change the alert severity threshold for emails to **Low**.
- Rename the executable file as AlertTest.exe.

Answer Area

- Enable Azure Defender for the subscription.
- Copy an executable file on a virtual machine and rename the file as ASC_AlertTest_662jfi039N.exe.
- Run the executable file and specify the appropriate arguments.



Explanation:

<https://docs.microsoft.com/en-us/azure/security-center/security-center-alert-validation>

QUESTION 49

Drag and Drop Question

You have resources in Azure and Google cloud.

You need to ingest Google Cloud Platform (GCP) data into Azure Defender.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Enable Security Health Analytics.
- From Azure Security Center, add cloud connectors.
- Configure the GCP Security Command Center.
- Create a dedicated service account and a private key.
- Enable the GCP Security Command Center API.

Answer Area



Answer:

Actions

Answer Area

Empty drag-and-drop area for actions.

- Configure the GCP Security Command Center.
- Enable Security Health Analytics.
- Enable the GCP Security Command Center API.
- Create a dedicated service account and a private key.
- From Azure Security Center, add cloud connectors.

Explanation:

<https://docs.microsoft.com/en-us/azure/security-center/quickstart-onboard-gcp>

QUESTION 50

Drag and Drop Question

You plan to connect an external solution that will send Common Event Format (CEF) messages to Azure Sentinel. You need to deploy the log forwarder.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

- Deploy an OMS Gateway on the network.
- Set the syslog daemon to forward the events directly to Azure Sentinel.
- Configure the syslog daemon. Restart the syslog daemon and the Log Analytics agent.
- Download and install the Log Analytics agent.
- Set the Log Analytics agent to listen on port 25226 and forward the CEF messages to Azure Sentinel.

Empty drag-and-drop area with navigation arrows.

Answer:

Actions

Deploy an OMS Gateway on the network.

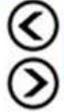
Set the syslog daemon to forward the events directly to Azure Sentinel.

Answer Area

Download and install the Log Analytics agent.

Set the Log Analytics agent to listen on port 25226 and forward the CEF messages to Azure Sentinel.

Configure the syslog daemon. Restart the syslog daemon and the Log Analytics agent.



Explanation:

<https://docs.microsoft.com/en-us/azure/sentinel/connect-cef-agent?tabs=rsyslog>

QUESTION 51

Hotspot Question

From Azure Sentinel, you open the Investigation pane for a high-severity incident as shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

If you hover over the virtual machine named vm1, you can view **[answer choice]**.

	▼
the inbound network security group (NSG) rules	
the last five Windows security log events	
the open ports on the host	
the running processes	

If you select **[answer choice]**, you can navigate to the bookmarks related to the incident.

	▼
Entities	
Info	
Insights	
Timeline	

Answer:

Answer Area

If you hover over the virtual machine named vm1, you can view **[answer choice]**.

	▼
the inbound network security group (NSG) rules	
the last five Windows security log events	
the open ports on the host	
the running processes	

If you select **[answer choice]**, you can navigate to the bookmarks related to the incident.

	▼
Entities	
Info	
Insights	
Timeline	

Explanation:

<https://docs.microsoft.com/en-us/azure/sentinel/tutorial-investigate-cases#use-the-investigation-graph-to-deep-dive>

QUESTION 52

Drag and Drop Question

You have an Azure Sentinel deployment.

You need to query for all suspicious credential access activities.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

From Azure Sentinel, select **Hunting**.

Select **Run All Queries**.

Select **New Query**.

Filter by tactics.

From Azure Sentinel, select **Notebooks**.



Answer:

Actions

Select **New Query**.

From Azure Sentinel, select **Notebooks**.

Answer Area

From Azure Sentinel, select **Hunting**.

Filter by tactics.

Select **Run All Queries**.

Explanation:

<https://davemccollough.com/2020/11/28/threat-hunting-with-azure-sentinel/>

QUESTION 53

Case Study 1 - Contoso Ltd

Overview

A company named Contoso Ltd. has a main office and five branch offices located throughout North America. The main office is in Seattle. The branch offices are in Toronto, Miami, Houston, Los Angeles, and Vancouver. Contoso has a subsidiary named Fabrikam, Ltd. that has offices in New York and San Francisco.

Existing Environment

End-User Environment

All users at Contoso use Windows 10 devices. Each user is licensed for Microsoft 365. In addition, iOS devices are distributed to the members of the sales team at Contoso.

Cloud and Hybrid Infrastructure

All Contoso applications are deployed to Azure.

You enable Microsoft Cloud App Security.

Contoso and Fabrikam have different Azure Active Directory (Azure AD) tenants. Fabrikam recently purchased an Azure subscription and enabled Azure Defender for all supported resource types.

Current Problems

The security team at Contoso receives a large number of cybersecurity alerts. The security team spends too much time identifying which cybersecurity alerts are legitimate threats, and which are not.

The Contoso sales team uses only iOS devices. The sales team members exchange files with customers by using a variety of third-party tools. In the past, the sales team experienced various attacks on their devices.

The marketing team at Contoso has several Microsoft SharePoint Online sites for collaborating with external vendors.

The marketing team has had several incidents in which vendors uploaded files that contain malware.

The executive team at Contoso suspects a security breach. The executive team requests that you identify which files had more than five activities during the past 48 hours, including data access, download, or deletion for Microsoft Cloud App Security-protected applications.

Requirements

Planned Changes

Contoso plans to integrate the security operations of both companies and manage all security operations centrally.

Technical Requirements

Contoso identifies the following technical requirements:

- Receive alerts if an Azure virtual machine is under brute force attack.
- Use Azure Sentinel to reduce organizational risk by rapidly remediating active attacks on the environment.
- Implement Azure Sentinel queries that correlate data across the Azure AD tenants of Contoso and Fabrikam.
- Develop a procedure to remediate Azure Defender for Key Vault alerts for Fabrikam in case of external attackers and a potential compromise of its own Azure AD applications.
- Identify all cases of users who failed to sign in to an Azure resource for the first time from a given country. A junior security administrator provides you with the following incomplete query.

```
BehaviorAnalytics
```

```
| where ActivityType == "FailedLogOn"
```

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<https://www.braindump2go.com/sc-200.html>

| where _____ == True

You need to remediate active attacks to meet the technical requirements.
 What should you include in the solution?

- A. Azure Automation runbooks
- B. Azure Logic Apps
- C. Azure Functions
- D. Azure Sentinel livestreams

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/sentinel/automate-responses-with-playbooks>

QUESTION 54

Case Study 2 - Litware Inc

Overview

Litware Inc. is a renewable company.

Litware has offices in Boston and Seattle. Litware also has remote users located across the United States. To access Litware resources, including cloud resources, the remote users establish a VPN connection to either office.

Existing Environment

Identity Environment

The network contains an Active Directory forest named litware.com that syncs to an Azure Active Directory (Azure AD) tenant named litware.com.

Microsoft 365 Environment

Litware has a Microsoft 365 E5 subscription linked to the litware.com Azure AD tenant. Microsoft Defender for Endpoint is deployed to all computers that run Windows 10. All Microsoft Cloud App Security built-in anomaly detection policies are enabled.

Azure Environment

Litware has an Azure subscription linked to the litware.com Azure AD tenant. The subscription contains resources in the East US Azure region as shown in the following table.

Name	Type	Description
LA1	Log Analytics workspace	Contains logs and metrics collected from all Azure resources and on-premises servers
VM1	Virtual machine	Server that runs Windows Server 2019
VM2	Virtual machine	Server that runs Ubuntu 18.04 LTS

Network Environment

Each Litware office connects directly to the internet and has a site-to-site VPN connection to the virtual networks in the Azure subscription.

On-premises Environment

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

Name	Operating system	Office	Description
DC1	Windows Server 2019	Boston	Domain controller in litware.com that connects directly to the internet
CLIENT1	Windows 10	Boston	Domain-joined client computer

Current problems

Cloud App Security frequently generates false positive alerts when users connect to both offices simultaneously.

Planned Changes

Litware plans to implement the following changes:

- Create and configure Azure Sentinel in the Azure subscription.
- Validate Azure Sentinel functionality by using Azure AD test user accounts.

Business Requirements

Litware identifies the following business requirements:

- The principle of least privilege must be used whenever possible.
- Costs must be minimized, as long as all other requirements are met.
- Logs collected by Log Analytics must provide a full audit trail of user activities.

- All domain controllers must be protected by using Microsoft Defender for Identity.

Azure Information Protection Requirements

All files that have security labels and are stored on the Windows 10 computers must be available from the Azure Information Protection – Data discovery dashboard.

Microsoft Defender for Endpoint requirements

All Cloud App Security unsanctioned apps must be blocked on the Windows 10 computers by using Microsoft Defender for Endpoint.

Microsoft Cloud App Security requirements

Cloud App Security must identify whether a user connection is anomalous based on tenant-level data.

Azure Defender Requirements

All servers must send logs to the same Log Analytics workspace.

Azure Sentinel Requirements

Litware must meet the following Azure Sentinel requirements:

- Integrate Azure Sentinel and Cloud App Security.
- Ensure that a user named admin1 can configure Azure Sentinel playbooks.
- Create an Azure Sentinel analytics rule based on a custom query. The rule must automatically initiate the execution of a playbook.
- Add notes to events that represent data access from a specific IP address to provide the ability to reference the IP address when navigating through an investigation graph while hunting.
- Create a test rule that generates alerts when inbound access to Microsoft Office 365 by the Azure AD test user accounts is detected. Alerts generated by the rule must be grouped into individual incidents, with one incident per test user account.

Drag and Drop Question

You need to configure DC1 to meet the business requirements.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

Provide domain administrator credentials to the litware.com Active Directory domain.

Create an instance of Microsoft Defender for Identity.

Provide global administrator credentials to the litware.com Azure AD tenant.

Install the sensor on DC1.

Install the standalone sensor on DC1.



Answer:

Actions	Answer Area
	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Provide global administrator credentials to the litware.com Azure AD tenant.</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Create an instance of Microsoft Defender for Identity.</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Provide domain administrator credentials to the litware.com Active Directory domain.</div> <div style="border: 1px solid black; padding: 5px;">Install the sensor on DC1.</div>
<div style="border: 1px solid black; padding: 5px;">Install the standalone sensor on DC1.</div>	

Explanation:

Step 1: log in to <https://portal.atp.azure.com> as a global admin
 Step 2: Create the instance
 Step 3. Connect the instance to Active Directory
 Step 4. Download and install the sensor.

Reference:

<https://docs.microsoft.com/en-us/defender-for-identity/install-step1>
<https://docs.microsoft.com/en-us/defender-for-identity/install-step4>

QUESTION 55

Case Study 2 - Litware Inc

Overview

Litware Inc. is a renewable company.

Litware has offices in Boston and Seattle. Litware also has remote users located across the United States. To access Litware resources, including cloud resources, the remote users establish a VPN connection to either office.

Existing Environment

Identity Environment

The network contains an Active Directory forest named litware.com that syncs to an Azure Active Directory (Azure AD) tenant named litware.com.

Microsoft 365 Environment

Litware has a Microsoft 365 E5 subscription linked to the litware.com Azure AD tenant. Microsoft Defender for Endpoint is deployed to all computers that run Windows 10. All Microsoft Cloud App Security built-in anomaly detection policies are enabled.

Azure Environment

Litware has an Azure subscription linked to the litware.com Azure AD tenant. The subscription contains resources in the East US Azure region as shown in the following table.

Name	Type	Description
LA1	Log Analytics workspace	Contains logs and metrics collected from all Azure resources and on-premises servers
VM1	Virtual machine	Server that runs Windows Server 2019
VM2	Virtual machine	Server that runs Ubuntu 18.04 LTS

Network Environment

Each Litware office connects directly to the internet and has a site-to-site VPN connection to the virtual networks in the Azure subscription.

On-premises Environment

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

Name	Operating system	Office	Description
DC1	Windows Server 2019	Boston	Domain controller in litware.com that connects directly to the internet
CLIENT1	Windows 10	Boston	Domain-joined client computer

Current problems

Cloud App Security frequently generates false positive alerts when users connect to both offices simultaneously.

Planned Changes

Litware plans to implement the following changes:

- Create and configure Azure Sentinel in the Azure subscription.
- Validate Azure Sentinel functionality by using Azure AD test user accounts.

Business Requirements

Litware identifies the following business requirements:

- The principle of least privilege must be used whenever possible.
- Costs must be minimized, as long as all other requirements are met.
- Logs collected by Log Analytics must provide a full audit trail of user activities.
- All domain controllers must be protected by using Microsoft Defender for Identity.

Azure Information Protection Requirements

All files that have security labels and are stored on the Windows 10 computers must be available from the Azure Information Protection – Data discovery dashboard.

Microsoft Defender for Endpoint requirements

All Cloud App Security unsanctioned apps must be blocked on the Windows 10 computers by using Microsoft Defender for Endpoint.

Microsoft Cloud App Security requirements

Cloud App Security must identify whether a user connection is anomalous based on tenant-level data.

Azure Defender Requirements

All servers must send logs to the same Log Analytics workspace.

Azure Sentinel Requirements

Litware must meet the following Azure Sentinel requirements:

- Integrate Azure Sentinel and Cloud App Security.
- Ensure that a user named admin1 can configure Azure Sentinel playbooks.
- Create an Azure Sentinel analytics rule based on a custom query. The rule must automatically initiate the execution of a playbook.
- Add notes to events that represent data access from a specific IP address to provide the ability to reference the IP address when navigating through an investigation graph while hunting.
- Create a test rule that generates alerts when inbound access to Microsoft Office 365 by the Azure AD test user accounts is detected. Alerts generated by the rule must be grouped into individual incidents, with one incident per test user account.

Hotspot Question

You need to implement Azure Defender to meet the Azure Defender requirements and the business requirements. What should you include in the solution? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Log Analytics workspace to use:

	▼
A new Log Analytics workspace in the East US Azure region	
Default workspace created by Azure Security Center	
LA1	

Windows security events to collect:

	▼
All Events	
Common	
Minimal	

Answer:

Answer Area

Log Analytics workspace to use:

Windows security events to collect:

QUESTION 56

Case Study 2 - Litware Inc

Overview

Litware Inc. is a renewable company.

Litware has offices in Boston and Seattle. Litware also has remote users located across the United States. To access Litware resources, including cloud resources, the remote users establish a VPN connection to either office.

Existing Environment

Identity Environment

The network contains an Active Directory forest named litware.com that syncs to an Azure Active Directory (Azure AD) tenant named litware.com.

Microsoft 365 Environment

Litware has a Microsoft 365 E5 subscription linked to the litware.com Azure AD tenant. Microsoft Defender for Endpoint is deployed to all computers that run Windows 10. All Microsoft Cloud App Security built-in anomaly detection policies are enabled.

Azure Environment

Litware has an Azure subscription linked to the litware.com Azure AD tenant. The subscription contains resources in the East US Azure region as shown in the following table.

Name	Type	Description
LA1	Log Analytics workspace	Contains logs and metrics collected from all Azure resources and on-premises servers
VM1	Virtual machine	Server that runs Windows Server 2019
VM2	Virtual machine	Server that runs Ubuntu 18.04 LTS

Network Environment

Each Litware office connects directly to the internet and has a site-to-site VPN connection to the virtual networks in the Azure subscription.

On-premises Environment

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

Name	Operating system	Office	Description
DC1	Windows Server 2019	Boston	Domain controller in litware.com that connects directly to the internet
CLIENT1	Windows 10	Boston	Domain-joined client computer

Current problems

Cloud App Security frequently generates false positive alerts when users connect to both offices simultaneously.

Planned Changes

Litware plans to implement the following changes:

- Create and configure Azure Sentinel in the Azure subscription.
- Validate Azure Sentinel functionality by using Azure AD test user accounts.

Business Requirements

Litware identifies the following business requirements:

- The principle of least privilege must be used whenever possible.

- Costs must be minimized, as long as all other requirements are met.
- Logs collected by Log Analytics must provide a full audit trail of user activities.
- All domain controllers must be protected by using Microsoft Defender for Identity.

Azure Information Protection Requirements

All files that have security labels and are stored on the Windows 10 computers must be available from the Azure Information Protection – Data discovery dashboard.

Microsoft Defender for Endpoint requirements

All Cloud App Security unsanctioned apps must be blocked on the Windows 10 computers by using Microsoft Defender for Endpoint.

Microsoft Cloud App Security requirements

Cloud App Security must identify whether a user connection is anomalous based on tenant-level data.

Azure Defender Requirements

All servers must send logs to the same Log Analytics workspace.

Azure Sentinel Requirements

Litware must meet the following Azure Sentinel requirements:

- Integrate Azure Sentinel and Cloud App Security.
- Ensure that a user named admin1 can configure Azure Sentinel playbooks.
- Create an Azure Sentinel analytics rule based on a custom query. The rule must automatically initiate the execution of a playbook.
- Add notes to events that represent data access from a specific IP address to provide the ability to reference the IP address when navigating through an investigation graph while hunting.
- Create a test rule that generates alerts when inbound access to Microsoft Office 365 by the Azure AD test user accounts is detected. Alerts generated by the rule must be grouped into individual incidents, with one incident per test user account.

Drag and Drop Question

You need to add notes to the events to meet the Azure Sentinel requirements.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of action to the answer area and arrange them in the correct order.

Actions

Answer Area

Add a bookmark and map an entity.

From Azure Monitor, run a Log Analytics query.

Add the query to favorites.

Select a query result.

From the Azure Sentinel workspace, run a Log Analytics query.



Answer:

Actions

From Azure Monitor, run a Log Analytics query.

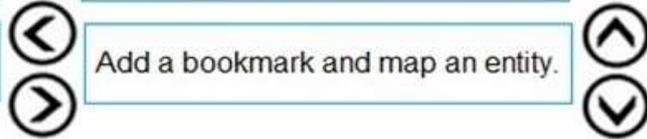
Add the query to favorites.

Answer Area

From the Azure Sentinel workspace, run a Log Analytics query.

Select a query result.

Add a bookmark and map an entity.



Explanation:

<https://docs.microsoft.com/en-us/azure/sentinel/bookmarks>

QUESTION 57

Case Study 2 - Litware Inc

Overview

Litware Inc. is a renewable company.

Litware has offices in Boston and Seattle. Litware also has remote users located across the United States. To access Litware resources, including cloud resources, the remote users establish a VPN connection to either office.

Existing Environment

Identity Environment

The network contains an Active Directory forest named litware.com that syncs to an Azure Active Directory (Azure AD) tenant named litware.com.

Microsoft 365 Environment

Litware has a Microsoft 365 E5 subscription linked to the litware.com Azure AD tenant. Microsoft Defender for Endpoint is deployed to all computers that run Windows 10. All Microsoft Cloud App Security built-in anomaly detection policies are enabled.

Azure Environment

Litware has an Azure subscription linked to the litware.com Azure AD tenant. The subscription contains resources in the East US Azure region as shown in the following table.

Name	Type	Description
LA1	Log Analytics workspace	Contains logs and metrics collected from all Azure resources and on-premises servers
VM1	Virtual machine	Server that runs Windows Server 2019
VM2	Virtual machine	Server that runs Ubuntu 18.04 LTS

Network Environment

Each Litware office connects directly to the internet and has a site-to-site VPN connection to the virtual networks in the Azure subscription.

On-premises Environment

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

Name	Operating system	Office	Description
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Litware plans to implement the following changes:

- Create and configure Azure Sentinel in the Azure subscription.
- Validate Azure Sentinel functionality by using Azure AD test user accounts.

Business Requirements

Litware identifies the following business requirements:

- The principle of least privilege must be used whenever possible.
- Costs must be minimized, as long as all other requirements are met.
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Azure Sentinel Requirements

Litware must meet the following Azure Sentinel requirements:

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- Add notes to events that represent data access from a specific IP address to provide the ability to reference the IP address when navigating through an investigation graph while hunting.
- Create a test rule that generates alerts when inbound access to Microsoft Office 365 by the Azure AD test user accounts is detected. Alerts generated by the rule must be grouped into individual incidents, with one incident per test user account.

Hotspot Question

You need to configure the Azure Sentinel integration to meet the Azure Sentinel requirements.

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

NOTE: Each correct selection is worth one point.

Answer Area

In the Cloud App Security portal:

	▼
Add a security extension	
Configure app connectors	
Configure log collectors	

From Azure Sentinel in the Azure portal:

	▼
Add a data connector	
Add a workbook	
Configure the Logs settings	

Answer:

Answer Area

In the Cloud App Security portal:

	▼
Add a security extension	
Configure app connectors	
Configure log collectors	

From Azure Sentinel in the Azure portal:

	▼
Add a data connector	
Add a workbook	
Configure the Logs settings	

Explanation:

<https://docs.microsoft.com/en-us/cloud-app-security/siem-sentinel>

QUESTION 58

You implement Safe Attachments policies in Microsoft Defender for Office 365.

Users report that email messages containing attachments take longer than expected to be received.

You need to reduce the amount of time it takes to deliver messages that contain attachments without compromising security. The attachments must be scanned for malware, and any messages that contain malware must be blocked. What should you configure in the Safe Attachments policies?

- A. Dynamic Delivery
- B. Replace
- C. Block and Enable redirect
- D. Monitor and Enable redirect

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/microsoft-365/security/office-365-security/safe-attachments?view=o365-worldwide>

QUESTION 59

You receive a security bulletin about a potential attack that uses an image file.

You need to create an indicator of compromise (IoC) in Microsoft Defender for Endpoint to prevent the attack.

Which indicator type should you use?

- A. a URL/domain indicator that has Action set to Alert only
- B. a URL/domain indicator that has Action set to Alert and block
- C. a file hash indicator that has Action set to Alert and block
- D. a certificate indicator that has Action set to Alert and block

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/microsoft-365/security/defender-endpoint/indicator-file?view=o365-worldwide>

QUESTION 60

Your company deploys the following services:

- Microsoft Defender for Identity
- Microsoft Defender for Endpoint
- Microsoft Defender for Office 365

You need to provide a security analyst with the ability to use the Microsoft 365 security center. The analyst must be able to approve and reject pending actions generated by Microsoft Defender for Endpoint. The solution must use the

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<https://www.braindump2go.com/sc-200.html>

principle of least privilege.

Which two roles should assign to the analyst? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. the Compliance Data Administrator in Azure Active Directory (Azure AD)
- B. the Active remediation actions role in Microsoft Defender for Endpoint
- C. the Security Administrator role in Azure Active Directory (Azure AD)
- D. the Security Reader role in Azure Active Directory (Azure AD)

Answer: BD

Explanation:

<https://docs.microsoft.com/en-us/microsoft-365/security/defender-endpoint/rbac?view=o365-worldwide>

QUESTION 61

You have an Azure subscription that has Azure Defender enabled for all supported resource types.

You need to configure the continuous export of high-severity alerts to enable their retrieval from a third- party security information and event management (SIEM) solution.

To which service should you export the alerts?

- A. Azure Cosmos DB
- B. Azure Event Grid
- C. Azure Event Hubs
- D. Azure Data Lake

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/azure/security-center/continuous-export?tabs=azure-portal>

QUESTION 62

You are responsible for responding to Azure Defender for Key Vault alerts.

During an investigation of an alert, you discover unauthorized attempts to access a key vault from a Tor exit node.

What should you configure to mitigate the threat?

- A. Key Vault firewalls and virtual networks
- B. Azure Active Directory (Azure AD) permissions
- C. role-based access control (RBAC) for the key vault
- D. the access policy settings of the key vault

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/key-vault/general/network-security>