Question #6   *Topic 1*

You need to recommend a solution to generate a monthly report of all the new Azure Resource Manager resource deployments in your subscription.

What should you include in the recommendation?

    A. Azure Analysis Services

    B. Azure Activity Log

    C. Azure Monitor action groups

    D. Azure Advisor

    E. Azure Monitor metrics

    F. Azure Log Analytics

    G. Application Insights

Correct Answer: *B*

Through activity logs, you can determine:

☞ what operations were taken on the resources in your subscription

☞ who started the operation

☞ when the operation occurred

☞ the status of the operation

☞ the values of other properties that might help you research the operation

References:

https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-audit

Question #7   *Topic 1*

HOTSPOT -

You have an Azure App Service Web App that includes Azure Blob storage and an Azure SQL Database instance. The application is instrumented by using the

Application Insights SDK.

You need to design a monitoring solution for the web app.

Which Azure monitoring services should you use? To answer, select the appropriate Azure monitoring services in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Scenario	Azure monitoring service
Correlate Azure resource usage and performance data with application configuration and performance data.	▼ Azure Application Insights Azure Service Map Azure Log Analytics Azure Activity Log
Visualize the relationships between application components.	▼ Azure Application Insights Azure Service Map Azure Log Analytics Azure Activity Log
Track requests and exceptions to a specific line of code within the application.	▼ Azure Application Insights Azure Service Map Azure Log Analytics Azure Activity Log
Analyze how many users return to the application and how often they select a particular dropdown value.	▼ Azure Application Insights Azure Service Map Azure Log Analytics Azure Activity Log

Correct Answer:

Answer Area

Scenario	Azure monitoring service
Correlate Azure resource usage and performance data with application configuration and performance data.	▼ Azure Application Insights Azure Service Map **Azure Log Analytics** Azure Activity Log
Visualize the relationships between application components.	▼ Azure Application Insights **Azure Service Map** Azure Log Analytics Azure Activity Log
Track requests and exceptions to a specific line of code within the application.	▼ **Azure Application Insights** Azure Service Map Azure Log Analytics Azure Activity Log
Analyze how many users return to the application and how often they select a particular dropdown value.	▼ Azure Application Insights Azure Service Map Azure Log Analytics **Azure Activity Log**

DRAG DROP -

You have an Azure Active Directory (Azure AD) tenant. All user accounts are synchronized from an on-premises Active Directory domain and are configured for federated authentication. Active Directory Federation Services (AD FS) servers are published for external connections by using a farm of Web Application Proxy servers.

You need to recommend a solution to monitor the servers that integrate with Azure AD. The solution must meet the following requirements:

☞ Identify any AD FS issues and their potential resolutions.

⇨ Identify any directory synchronization configuration issues and their potential resolutions

⇨ Notify administrators when there are any issues affecting directory synchronization or AD FS operations.

Which monitoring solution should you recommend for each server type? To answer, drag the appropriate monitoring solutions to the correct server types. Each monitoring solution may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Monitoring Solutions

| A Microsoft Office 365 management solution in Azure Log Analytics |
| Active Directory Replication Status Tool |
| An Active Directory Health Check solution in Azure Log Analytics |
| An Active Directory Replication Status solution in Azure Log Analytics |
| Azure AD Connect Health |
| Azure Security Center |

Answer Area

AD FS servers: [   ]

Azure AD Connect servers: [   ]

Web Application Proxy servers: [   ]

Correct Answer:

Monitoring Solutions

| A Microsoft Office 365 management solution in Azure Log Analytics |
| Active Directory Replication Status Tool |
| An Active Directory Health Check solution in Azure Log Analytics |
| An Active Directory Replication Status solution in Azure Log Analytics |
| Azure AD Connect Health |
| Azure Security Center |

Answer Area

AD FS servers: Azure AD Connect Health

Azure AD Connect servers: Azure AD Connect Health

Web Application Proxy servers: Azure AD Connect Health

Question #9 | Topic 1

You plan to deploy 200 Microsoft SQL Server databases to Azure by using Azure SQL Database and Azure SQL Database Managed Instance.

You need to recommend a monitoring solution that provides a consistent monitoring approach for all deployments. The solution must meet the following requirements:

⇨ Support current-state analysis based on metrics collected near real-time, multiple times per minute, and maintained for up to one hour

⇨ Support longer term analysis based on metrics collected multiple times per hour and maintained for up to two weeks.

Support monitoring of the number of concurrent logins and concurrent sessions.

▪

What should you include in the recommendation?

A. dynamic management views

B. trace flags

C. Azure Monitor

D. SQL Server Profiler

Correct Answer: *C*

Question #10   *Topic 1*

DRAG DROP -

You plan to move several apps that handle critical line-of-business (LOB) services to Azure.

Appropriate personnel must be notified if any critical resources become degraded or unavailable.

You need to design a monitoring and notification strategy that can handle up to 100 notifications per hour.

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

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Select and Place:

Actions

| Create a resource group containing the critical resources. |

| Monitor Azure status for warnings and errors. |

| Create an activity log alert for service health. |

| Create an action group for alerts to email addresses. |

| Create an action group for alerts to SMS phone numbers. |

| Monitor service health for incidents and action required notifications. |

Answer Area

Correct Answer:

Actions

| (empty) |

| Monitor Azure status for warnings and errors. |

| Create an activity log alert for service health. |

| (empty) |

| Create an action group for alerts to SMS phone numbers. |

| (empty) |

Answer Area

| Create a resource group containing the critical resources. |

| Create an action group for alerts to email addresses. |

| Monitor service health for incidents and action required notifications. |

Step 1: Create a resource group containing the critical resources.

In step 2 the action group should be created within this Resource Group.

Step 2: Create an action group for alerts to email addresses.

You configure an action to notify a person by email or SMS, they receive a confirmation indicating they have been added to the action group.

The rate limit thresholds are:

SMS: No more than 1 SMS every 5 minutes.

Voice: No more than 1 Voice call every 5 minutes.

Email: No more than 100 emails in an hour.

Step 3: Monitor service health for incidents and action required notifications

An action group is a collection of notification preferences defined by the owner of an Azure subscription. Azure Monitor and Service Health alerts use action groups to notify users that an alert has been triggered.

References:

https://docs.microsoft.com/en-us/azure/azure-monitor/platform/alerts-rate-limiting