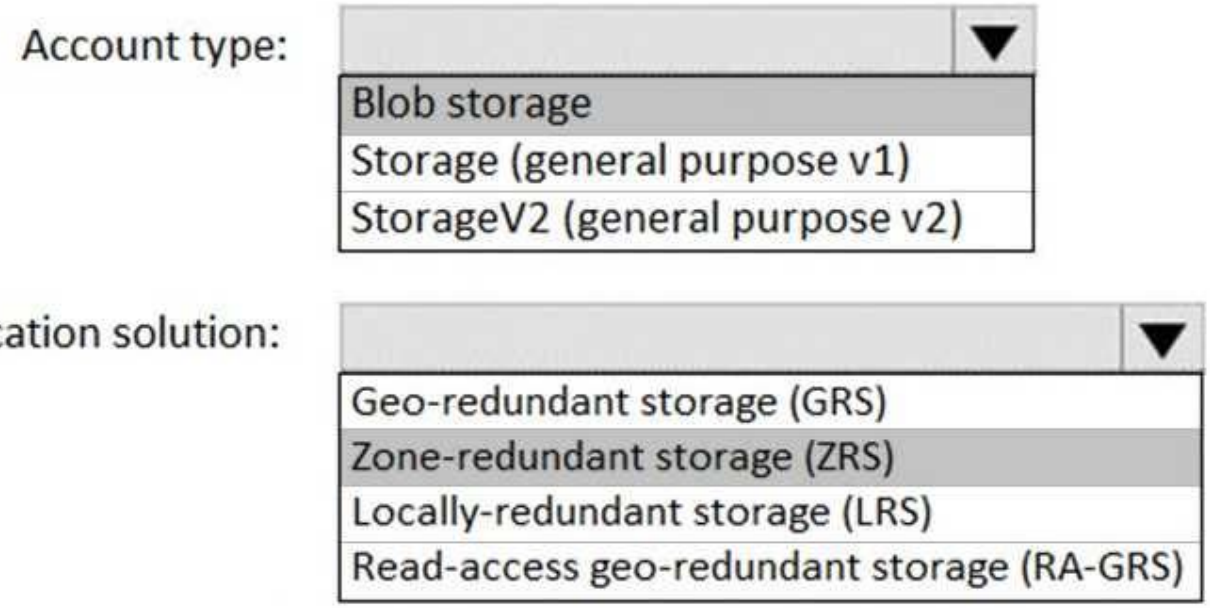
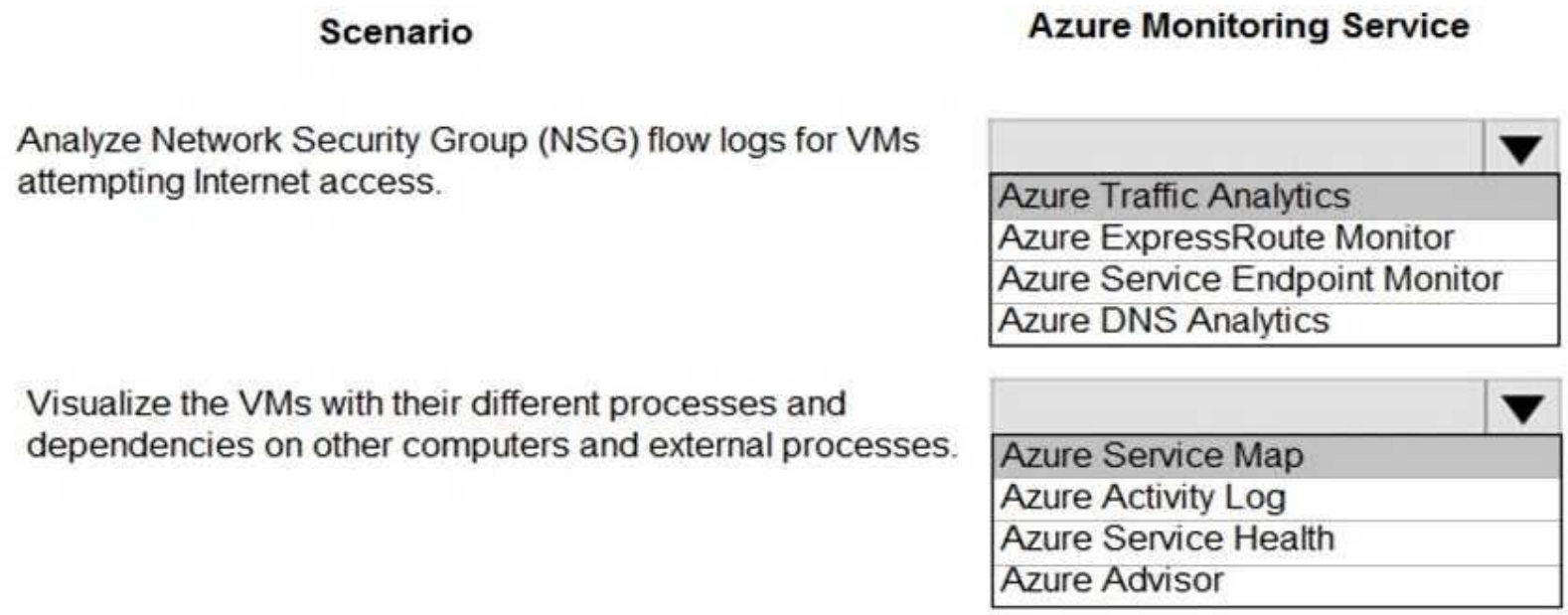


Explanation:
Account Type: StorageV2
Replication solution: Zone-redundant storage (ZRS)

QUESTION 195
HOTSPOT
Your company deploys several Linux and Windows virtual machines (VMs) to Azure. The VMs are deployed with the Microsoft Dependency Agent and the Log Analytics Agent installed by using Azure VM extensions. On-premises connectivity has been enabled by using Azure ExpressRoute.
You need to design a solution to monitor the VMs.
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.

Scenario	Azure Monitoring Service
Analyze Network Security Group (NSG) flow logs for VMs attempting Internet access.	Azure Traffic Analytics Azure ExpressRoute Monitor Azure Service Endpoint Monitor Azure DNS Analytics
Visualize the VMs with their different processes and dependencies on other computers and external processes.	Azure Service Map Azure Activity Log Azure Service Health Azure Advisor

Answer:



Explanation:
Box 1: Azure Traffic Analytics
Traffic Analytics is a cloud-based solution that provides visibility into user and application activity in cloud networks. Traffic analytics analyzes Network Watcher network security group (NSG) flow logs to provide insights into traffic flow in your Azure cloud. With traffic analytics, you can:
Identify security threats to, and secure your network, with information such as open-ports, applications attempting internet access, and virtual machines (VM) connecting to rogue networks.
Visualize network activity across your Azure subscriptions and identify hot spots.
Understand traffic flow patterns across Azure regions and the internet to optimize your network deployment for performance and capacity.
Pinpoint network misconfigurations leading to failed connections in your network.
Box 2: Azure Service Map
Service Map automatically discovers application components on Windows and Linux systems and maps the communication between services. With Service Map, you can view your servers in the way that you think of them: as interconnected systems that deliver critical services. Service Map shows connections between servers, processes, inbound and outbound connection latency, and ports across any TCP-connected architecture, with no configuration required other than the installation of an agent.
Reference:

https://docs.microsoft.com/en-us/azure/network-watcher/traffic-analytics
https://docs.microsoft.com/en-us/azure/azure-monitor/insights/service-map

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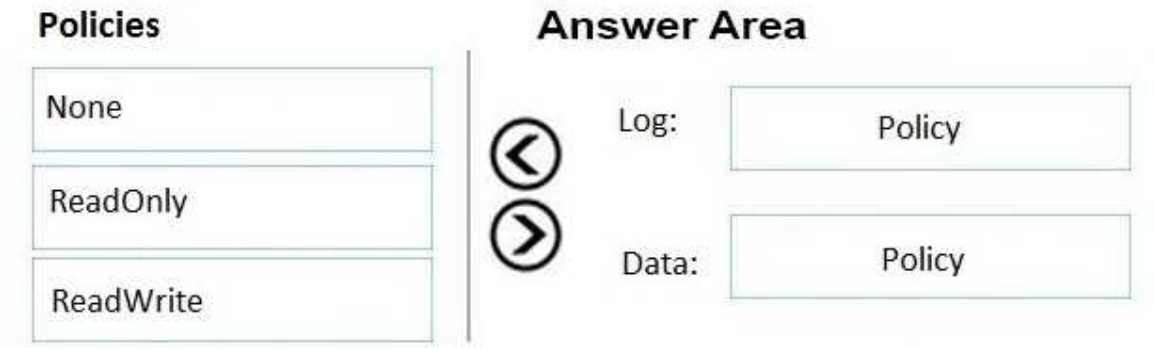
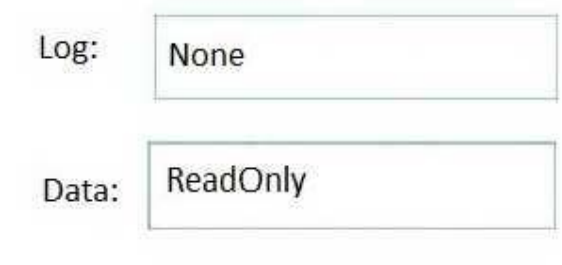
QUESTION 196
DRAG DROP
You are designing a virtual machine that will run Microsoft SQL Server and will contain two data disks. The first data disk will store log files, and the second data disk will store dat
a. Both disks are P40 managed disks.
You need to recommend a caching policy for each disk. The policy must provide the best overall performance for the virtual machine.
Which caching policy should you recommend for each disk? To answer, drag the appropriate policies to the correct disks. Each policy 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.



Answer:



Explanation:
Reference:

https://docs.microsoft.com/en-us/azure/virtual-machines/windows/sql/virtual-machines-windowssql-performance

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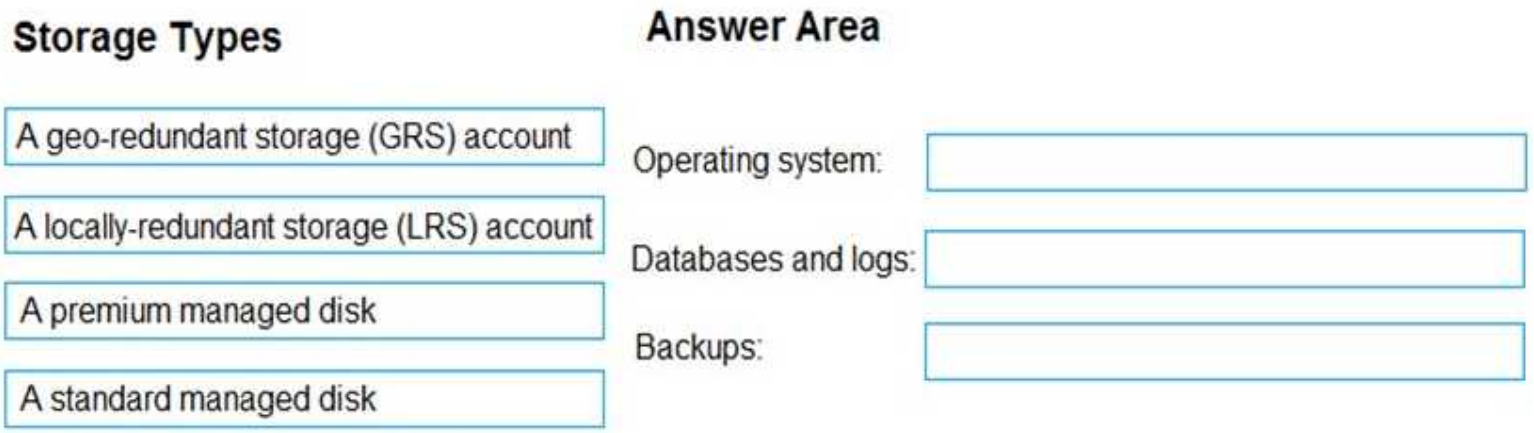
QUESTION 197
DRAG DROP
You are planning an Azure solution that will host production databases for a high-performance application. The solution will include the following components:
Two virtual machines that will run Microsoft SQL Server 2016, will be deployed to different data centers in the same Azure region, and will be part of an Always On availability group.
SQL Server data that will be backed up by using the Automated Backup feature of the SQL Server IaaS Agent Extension (SQLIaaSExtension)
You identify the storage priorities for various data types as shown in the following table.

Data type	Storage priority
Operating system	Speed and availability
Databases and logs	Speed and availability
Backups	Lowest cost

Which storage type should you recommend for each data type? To answer, drag the appropriate storage types to the correct data types. Each storage type 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.

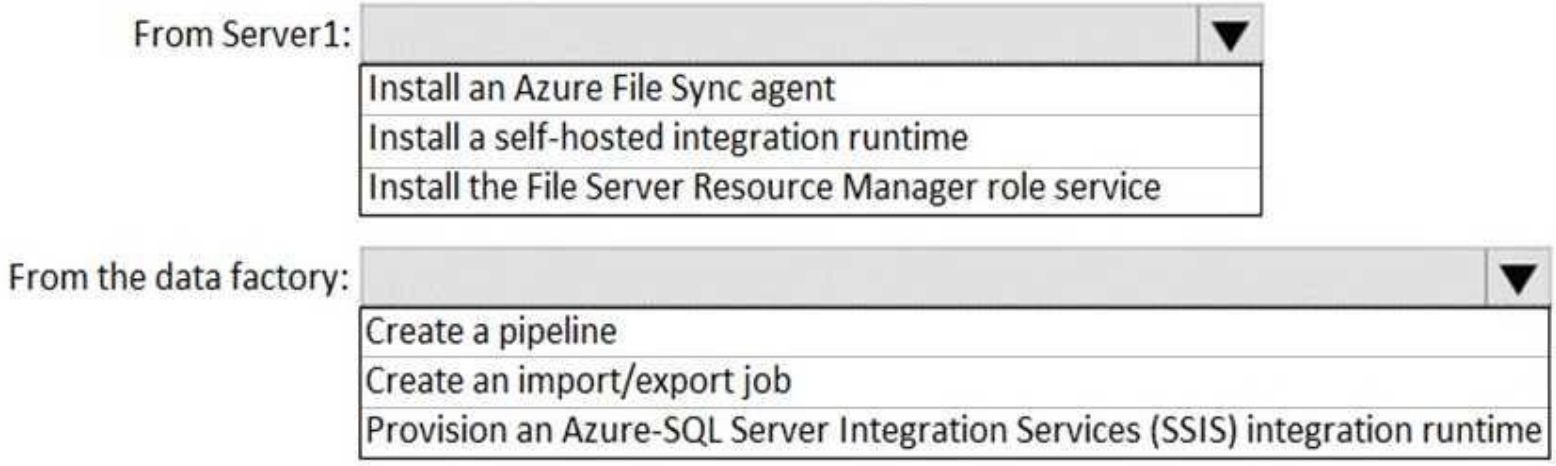


Answer:

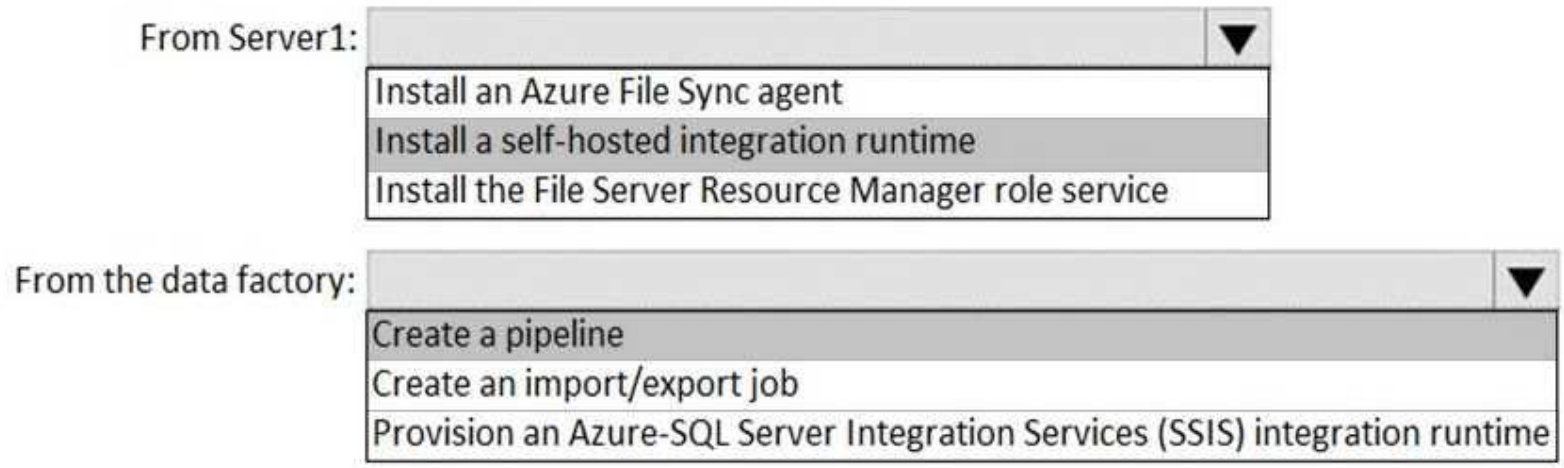
Operating system:	A premium managed disk
Databases and logs:	A premium managed disk
Backups:	A locally-redundant storage (LRS) account

Explanation:

QUESTION 198
HOTSPOT
Your on-premises network contains a file server named Server1 that stores 500 GB of data.
You need to use Azure Data Factory to copy the data from Server1 to Azure Storage.
You add a new data factory.
What should you do next? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:



Explanation:
Box 1: Install a self-hosted integration runtime
The Integration Runtime is a customer-managed data integration infrastructure used by Azure Data Factory to provide data integration capabilities across different network environments.
Box 2: Create a pipeline
With ADF, existing data processing services can be composed into data pipelines that are highly available and managed in the cloud. These data pipelines can be scheduled to ingest, prepare, transform, analyze, and publish data, and ADF manages and orchestrates the complex data and processing dependencies
Reference:
https://docs.microsoft.com/en-us/azure/machine-learning/team-data-science-process/move-sqlazure-adf

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QUESTION 199
You use Azure virtual machines to run a custom application that uses an Azure SQL database on the back end.
The IT apartment at your company recently enabled forced tunneling,
Since the configuration change, developers have noticed degraded performance when they access the database
You need to recommend a solution to minimize latency when accessing the database. The solution must minimize costs
What should you include in the recommendation?

A. Azure SQL Database Managed instance
B. Azure virtual machines that run Microsoft SQL Server servers
C. Always On availability groups
D. virtual network (VNET) service endpoint

Answer: D

Explanation:
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-service-endpointsoverview

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QUESTION 200
You have an app named App1 that uses two on-premises Microsoft SQL Server databases named DB1 and DB2.
You plan to migrate DB1 and DB2 to Azure.
You need to recommend an Azure solution to host DB1 and DB2. The solution must meet the following requirements:
Support server-side transactions across DB1 and DB2.
Minimize administrative effort to update the solution.
What should you recommend?

A. two SQL Server databases on an Azure virtual machine
B. two Azure SQL databases on different Azure SQL Database servers
C. two Azure SQL databases in an elastic pool
D. two Azure SQL databases on the same Azure SQL Database managed instance

Answer: D

Explanation:
When both the database management system and client are under the same ownership (e.g. when SQL Server is deployed to a virtual machine), transactions are available and the lock duration can be controlled. Reference: https://docs.particular.net/nservicebus/azure/understanding-transactionalityin-azure

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QUESTION 201
Your network contains an on-premises Active Directory forest.
You discover that when users change jobs within your company, the membership of the user groups

are not being updated. As a result, the users can access resources that are no longer relevant to their job.
You plan to integrate Active Directory and Azure Active Directory (Azure AD) by using Azure AD Connect.
You need to recommend a solution to ensure that group owners are emailed monthly about the group memberships they manage.
What should you include in the recommendation?

A. conditional access policies
B. Tenant Restrictions
C. Azure AD access reviews
D. Azure AD Identity Protection

Answer: C

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/governance/access-reviews-overview

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QUESTION 202
You have an Azure subscription. The subscription has a blob container that contains multiple blobs. Ten users in the finance department of your company plan to access the blobs during the month of April. You need to recommend a solution to enable access to the blobs during the month of April only. Which security solution should you include in the recommendation?

A. shared access signatures (SAS)
B. access keys
C. conditional access policies
D. certificates

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-sas-overview

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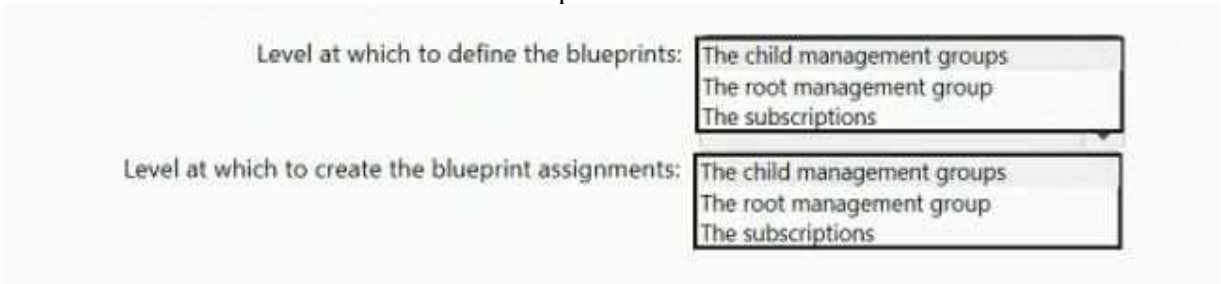
QUESTION 203
HOTSPOT
You plan to create an Azure environment that will contain a root management group and 10 child management groups. Each child management group will contain five Azure subscriptions. You plan to have between 10 and 30 resource groups in each subscription.
You need to design an Azure governance solution. The solution must meet the following requirements:
Use Azure Blueprints to control governance across all the subscriptions and resource groups.
Ensure that Blueprints-based configurations are consistent across all the subscriptions and resource groups.
Minimize the number of blueprint definitions and assignments.
What should you include in the solution? To answer, select the appropriate options in the answer are a. NOTE: Each correct selection is worth one point.



Answer:

Explanation:
1. Root management group
2. The subscriptions
Reference: https://docs.microsoft.com/en-us/azure/governance/blueprints/create-blueprint-portal
Assign a blueprint After a blueprint has been published, it can be assigned to a subscription. Assign the blueprint that you created to one of the subscriptions under your management group hierarchy.
If the blueprint is saved to a subscription, it can only be assigned to that subscription.

QUESTION 204
HOTSPOT
You have five .NET Core applications that run on 10 Azure virtual machines in the same subscription.
You need to recommend a solution to ensure that the applications can authenticate by using the same Azure Active Directory (Azure AD) identity. The solution must meet the following requirements:
Ensure that the applications can authenticate only when running on the 10 virtual machines.