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### QUESTION 132

#### HOTSPOT

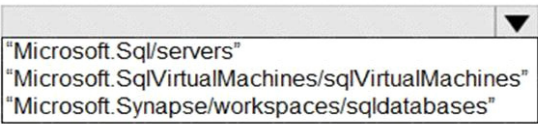

You have an Azure subscription.

You plan to deploy an Azure SQL database by using an Azure Resource Manager template.

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

NOTE: Each correct selection is worth one point.

#### Answer Area

```
{
  "resources": [
    {
      "type": ,
      "apiVersion": "2020-02-02-preview",
      "name": "[parameters('name1')]",
      "location": "[parameters('location')]",
      ...
      "resources": [
        {
          "type": "databases",
          "apiVersion": "2020-02-02-preview",
          ...
          
          "[resourceId('Microsoft.Sql/servers', concat(parameters('name1')))]"
        }
      ]
    }
  ]
}
```

**Correct Answer:**

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### Answer Area

```
{
  "resources": [
    {
      "type": "Microsoft.Sql/servers",
      "apiVersion": "2020-02-02-preview",
      "name": "[parameters('name1')]",
      "location": "[parameters('location')]",
      ...
      "resources": [
        {
          "type": "databases",
          "apiVersion": "2020-02-02-preview",
          ...
          "dependsOn": [
            ...
          ],
          "properties": {
            "tags": {
              ...
            }
          }
        }
      ]
    }
  ]
}
```

### QUESTION 133

You are designing a security model for an Azure Synapse Analytics dedicated SQL pool that will support multiple companies.

You need to ensure that users from each company can view only the data of their respective company.

Which two objects should you include in the solution? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a column encryption key
- B. asymmetric keys
- C. a function
- D. a custom role-based access control (RBAC) role
- E. a security policy

**Correct Answer: DE**

#### **Explanation:**

Azure RBAC is used to manage who can create, update, or delete the Synapse workspace and its SQL pools, Apache Spark pools, and Integration runtimes.

Define and implement network security configurations for resources related to your dedicated SQL pool with Azure Policy.

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Reference:

<https://docs.microsoft.com/en-us/azure/synapse-analytics/security/synapse-workspace-synapse-rbac>

<https://docs.microsoft.com/en-us/security/benchmark/azure/baselines/synapse-analytics-security-baseline>

### **QUESTION 134**

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 an Azure Data Lake Storage account that contains a staging zone.

You need to design a daily process to ingest incremental data from the staging zone, transform the data by executing an R script, and then insert the transformed data into a data warehouse in Azure Synapse Analytics.

Solution: You use an Azure Data Factory schedule trigger to execute a pipeline that executes mapping data flow, and then inserts the data into the data warehouse.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer: B**

#### **Explanation:**

If you need to transform data in a way that is not supported by Data Factory, you can create a custom activity, not a mapping flow, with your own data processing logic and use the activity in the pipeline. You can create a custom activity to run R scripts on your HDInsight cluster with R installed.

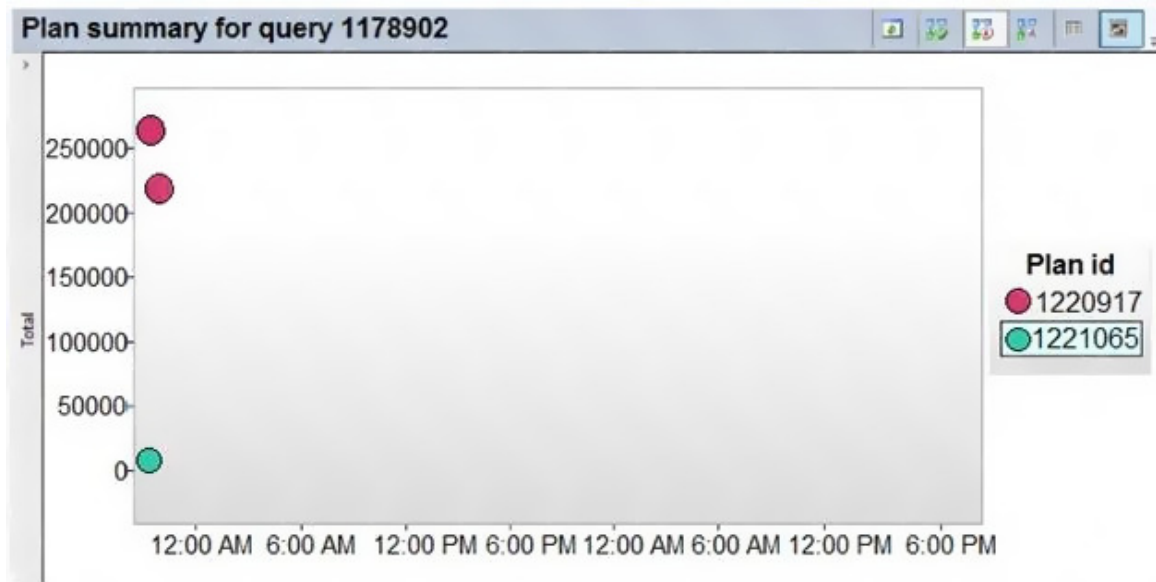
Reference:

<https://docs.microsoft.com/en-US/azure/data-factory/transform-data>

### **QUESTION 135**

You have SQL Server on an Azure virtual machine that contains a database named DB1.

You view a plan summary that shows the duration in milliseconds of each execution of query 1178902 as shown in the following exhibit:



What should you do to ensure that the query uses the execution plan which executes in the least amount of time?

- A. Force the query execution plan for plan 1221065.
- B. Run the DBCC FREEPROCCACHE command.
- C. Force the query execution plan for plan 1220917.
- D. Disable parameter sniffing.

**Correct Answer: C**

**Explanation:**

<https://docs.microsoft.com/en-us/sql/relational-databases/performance/query-store-usage-scenarios>

### QUESTION 136

DRAG DROP

You have an Azure subscription that contains an Azure SQL managed instance, a database named db1, and an Azure web app named Appl. Appl uses db1.

You need to enable Resource Governor for a App1. The solution must meet the following requirements:

- App1 must be able to consume all available CPU resources.
- App1 must have at least half of the available CPU resources always 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

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

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Actions	Answer Area
Create a plan.	
Create a classifier function in db1.	
Create a workload group.	
Create a classifier function in the master database.	
Create a resource pool that has the following configurations. MAX_CPU_PERCENT = 100 MIN_CPU_PERCENT = 50	

### Correct Answer:

Actions	Answer Area
Create a plan.	Create a resource pool that has the following configurations. MAX_CPU_PERCENT = 100 MIN_CPU_PERCENT = 50
Create a classifier function in db1.	
Create a workload group.	
Create a classifier function in the master database.	
Create a resource pool that has the following configurations. MAX_CPU_PERCENT = 100 MIN_CPU_PERCENT = 50	

### QUESTION 137

#### HOTSPOT

You have an Azure subscription that is linked to a hybrid Azure Active Directory (Azure AD) tenant. The subscription contains an Azure Synapse Analytics SQL pool named Pool1.

You need to recommend an authentication solution for Pool1. The solution must support multi-factor authentication (MFA) and database-level authentication.

Which authentication solution or solutions should you include in the recommendation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

MFA:	<div><div></div><div>Azure AD authentication</div><div>Microsoft SQL Server authentication</div><div>Passwordless authentication</div><div>Windows authentication</div></div>
Database-level authentication:	<div><div></div><div>Application roles</div><div>Contained database users</div><div>Database roles</div><div>Microsoft SQL Server logins</div></div>

### Correct Answer: