**QUIZ**

**Module-2**

**Azure Stream Analytics: Deep Dive**

1. Which of the following does **NOT** define the throughput power of a streaming unit?
2. Computation power
3. Memory
4. Hard drive space
5. Read and Write Rates

**Feedback**

**Correct** if **c)** is chosen: That’s right. Hard drive space does not impact a streaming unit’s power. It depends on computation power, CPU, memory, and read and write rates.

**Incorrect** if **a)** is chosen: No. That’s not quite right. Computation power is a key factor that determines a streaming unit’s throughput power, which also depends on CPU, memory, and read and write rates. Hard drive space, however, does not impact the power of a streaming unit.

**Incorrect** if **b)** is chosen: No. That’s not quite right. Memory is a key factor that determines a streaming unit’s throughput power, which also depends on CPU, computation power, and read and write rates. Hard drive space, however, does not impact the power of a streaming unit.

**Incorrect** if **d)** is chosen: No. That’s not quite right. Read and write rates are key factors that determine a streaming unit’s throughput power, which also depends on CPU, computation power, and memory. Hard drive space, however, does not impact the power of a streaming unit.

1. Reference data is static.
2. **True**
3. False

**Feedback**

**Correct** if **a)** is chosen: That’s right. Reference Data can be described as a lookup table or static data we can use to reference streaming data flowing to an Azure Stream Analytics job.

**Incorrect** if b**)** is chosen: No. That’s not quite right. Reference Data can be described as a lookup table or static data we can use to reference streaming data flowing to an Azure Stream Analytics job.

1. Which of the following Data Stream sources uses the secure connection of devices to transfer data?
2. Event hubs
3. **IOT hubs**
4. Blob storage
5. None of the above

**Feedback**

**Correct** if **b)** is chosen: That’s right. IOT hubs use the secure connection of IOT devices to pipeline data from one place to the other.

**Incorrect** if **a)** is chosen: No. That’s not quite right. IOT hubs use the secure connection of IOT devices to pipeline data from one place to the other.

**Incorrect** if **c)** is chosen: No. That’s not quite right. IOT hubs use the secure connection of IOT devices to pipeline data from one place to the other.

**Incorrect** if **d)** is chosen: No. That’s not quite right. IOT hubs use the secure connection of IOT devices to pipeline data from one place to the other.

1. You can only define one output in an Azure Stream Analytics job.
2. True
3. **False.**

**Feedback**

**Correct** if **b)** is chosen: That’s right. Azure Stream Analytics jobs support one or multiple outputs.

**Incorrect** if **a)** is chosen: No. That’s not quite right. Azure Stream Analytics jobs support one or multiple outputs.

1. Which of the following describes the usage of the **Error Policy** tab when setting up an output?
2. It lets you set the error message you will see if data does not come into the ASA job**.**
3. **It lets you set if ASA will retry to obtain missing data or drop it and wait for the next batch.**
4. It lets you prevent the job from running if it was not properly configured.
5. It lets you set if any errors are automatically reported to the Microsoft Azure team.

**Feedback**

**Correct** if **b)** is chosen: That’s right. Error messages cannot be configured. The Error Policy option enables you to set if ASA will retry to obtain missing data or drop it and wait for the next batch.

**Incorrect** if **a)** is chosen: No. That’s not quite right. If the job is not configured properly, you will most likely not see any data in your output. The Error Policy option enables you to set if ASA will retry to obtain missing data or drop it and wait for the next batch.

**Incorrect** if **c)** is chosen: No. That’s not quite right. You need to save your configuration manually. However, a green checkmark appears next to each field you complete with valid information in the Input Configuration form.

**Incorrect** if **d)** is chosen: No. That’s not quite right. The Error Policy option enables you to set if ASA will retry to obtain missing data or drop it and wait for the next batch.