Cover Page
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Section B

Azure Event Hubs

Description

__when it comes to the description of Azure Event Hub it is an ingestion service which will let a user collect a big amount of real time event data/information for real time analysis and for real time processing (Prabhakaran, 2019).

Mechanism

-___When it comes to the mechanism of Event Hubs a model is used, this model is called the partitioned consumer model which is there to handle big amounts/a number of events/activities and it will make sure that the events/activities are delivered/conveyed in a sequence within a partition (Prabhakaran, 2019).

• The value for the end users

___When it comes to the value of the event hubs for the users, it can better the customers experience by enabling real time responsiveness, an example of this is that it can be used to react or it can be used to monitor real time events such as the transaction made by a customer (Prabhakaran, 2019).

Azure Event Bus

Description

 When it comes to the description of Azure Event Bus which is also know as service bus, it is a fully managed organisation messaging system with message queues and publish-subscribe topics. It is designed in a way to enable genuine/good communication between different services and applications (Venkatasubramanian, 2024).

Mechanism

- When it comes to the mechanism of Azure Event Bus, this service will allow for non blocking messaging, load distribution and there is reliable/genuine delivery cross the all the distributed systems (Venkatasubramanian, 2024).

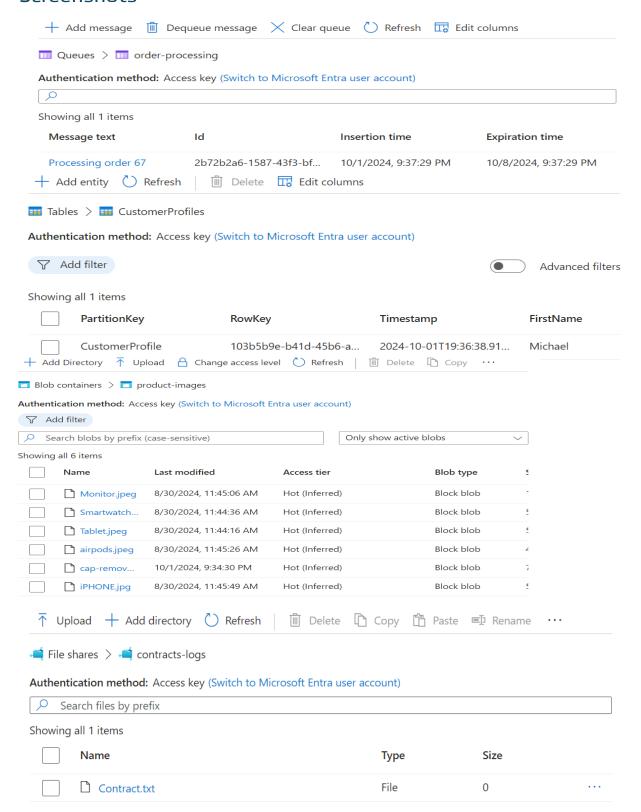
Value to End Users

- When it comes to the value to end users of Event Bus it betters the experience for the customer by making sure that the functions/operations between the various different parts of the system are being handled in a efficient and reliable way, and even during the times where there is high volume of load, as an example when an order is placed by a customer it will make sure that all the system which are related to the order are updated in a reliable way without there being an effect on performance (Venkatasubramanian, 2024).

Link

https://github.com/ST10261925/ST10261925_CLDV_Part2

Screenshots



References

Prabhakaran, N. (2019, July 10). *Microsoft Azure Event Hubs*. Retrieved from turbo360: https://turbo360.com/guide/azure-event-hub

Venkatasubramanian, S. (2024, July 25). Azure Event Hubs vs Service Bus. Retrieved from turbo360:

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