**Introduction to Azure Cosmos DB for NO SQL**

Modern Apps are used on real time data to create more features and cope with the changes in velocity, variety and volume as well.

We use Azure Cosmos DB Service to resolve solutions and make modern app more convenient.

What do you know about a NoSQL database?

No SQL Databases designs high volumes of data, use high-velocity and real time data.

There are so many types of characteristics in the NoSQL databases such Non relational data and specific schema.

NO SQL Data models are documents, column-family and Graph.

Anytime we use NOSQL database, the document data model splits into the document entities individually.

{

"device": {

"type": "mobile"

},

"sentTime": "2019-11-12T13:08:42",

"spoolRefs": [

"6a86682c-be5a-4a4a-bacd-96c4d1c7ece6",

"79e78fe2-93aa-4688-89db-a7278b034aa6"

]

}

JavaScript applications are used to format data using JSON.

Azure Cosmos DB for NOSQL are fast and reliable tp load analytics and create a lot of data.

Azure Cosmos DB for NOSQL operate three resources such as database account, database containers and database itmes as well.

{

"id": "35b5bf7d-5f0e-4209-b7cb-8c5c70c3bb59",

"deviceDisplayName": "shared-printer",

"acquiredYear": 2019,

"department": {

"name": "information-technology",

"metadata": {

"location": "floor-5-unit-27"

}

},

"queuedDocuments": [

{

"sender": "user-293749329",

"sentTime": "2019-07-26T05:12:37",

"pages": 5,

"spoolRef": "3f4b759c-3230-4269-a88e-de7620ad91c0"

},

{

"device": {

"type": "mobile"

},

"sentTime": "2019-11-12T13:08:42",

"spoolRefs": [

"6a86682c-be5a-4a4a-bacd-96c4d1c7ece6",

"79e78fe2-93aa-4688-89db-a7278b034aa6"

]

}

]

}

Azure Cosmos DB for NOSQL provide single digit per second and huge velocity or velocity.

Internet of things sensors are Azure Internet of things Hub, Azure Stream Analytics and Azure Cosmos DB.

Retail Marketing use Azure Cosmos DB for NOSQL to handle requests and save money during the nonpeak times.

Summary

Azure Cosmos DB for NOSQL will allow to launch a database through an elastic and distributed database platforms.