



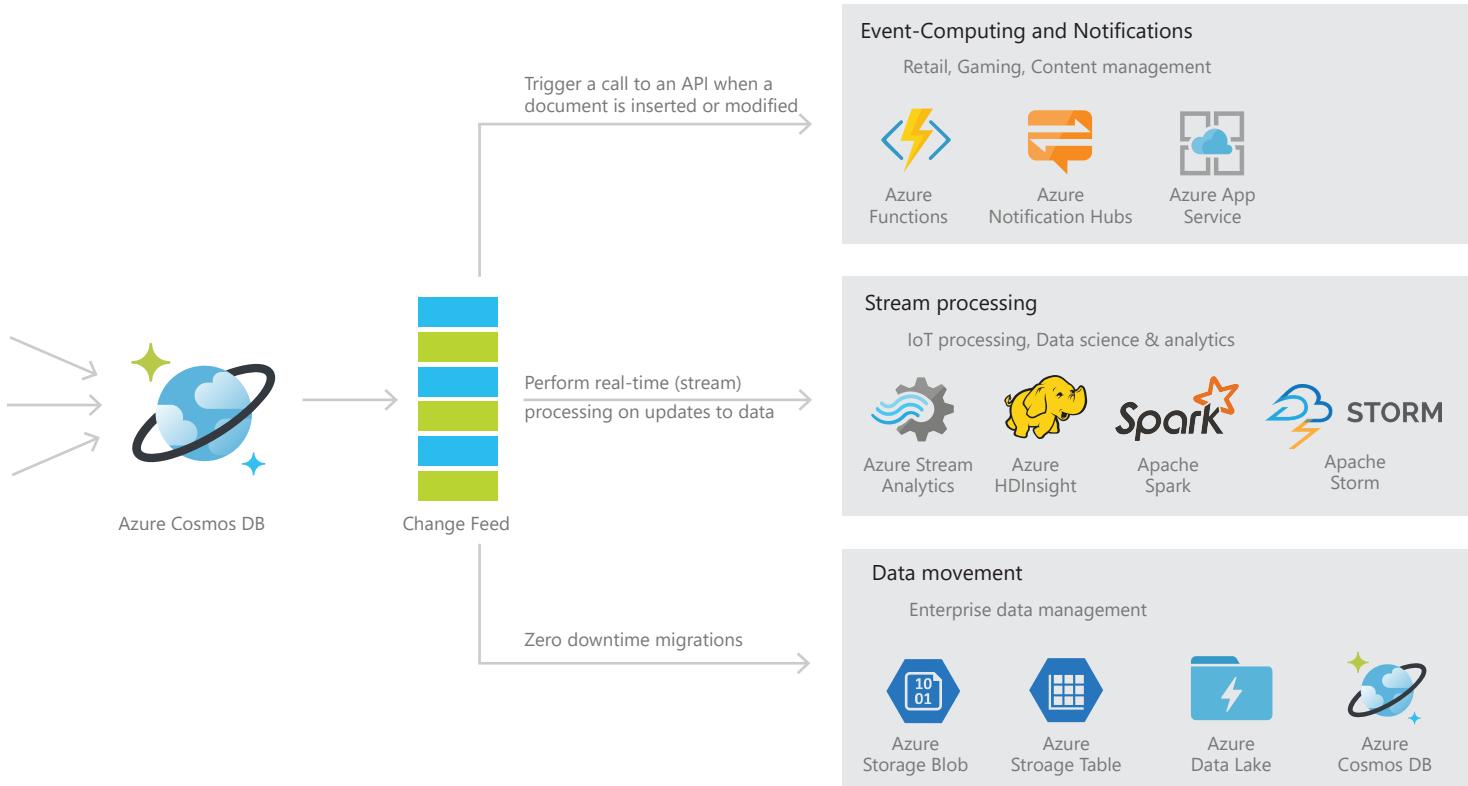
Azure Cosmos DB Change Feed Support

With change feed support, Azure Cosmos DB provides a sorted list of items within an Azure Cosmos DB container in the order in which they were modified. This feed can be used to listen for modifications to data within the collection and perform a variety of actions.

Changes are immediately available, appear exactly once and persistent in Cosmos DB

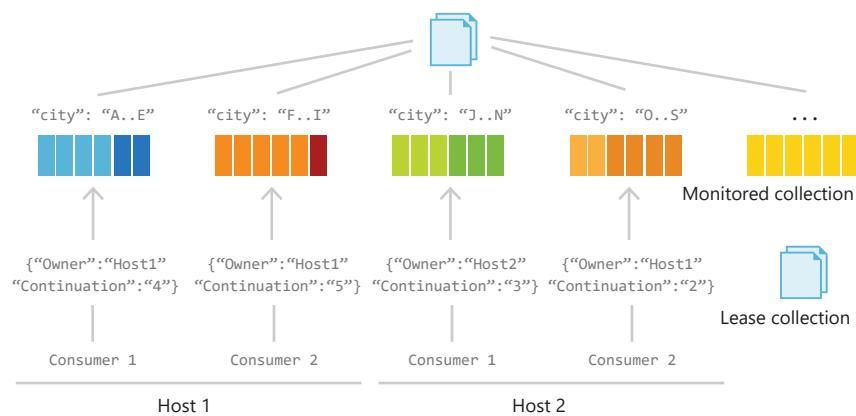
Changes are ordered by modification time within each partition and can be synchronized from any point-in-time

Supports parallel processing through allowing multiple change feeds to be simultaneously read on same collection



Change feed processor library

The Change Feed Processor Library provides a host for distributing change feed events in a container across multiple consumers/hosts. This library automatically reads changes across partitions. The processing of changes can be distributed to different consumers and computed in parallel to increase performance. The number of consumers can be scaled up or down and the load will be automatically distributed among active consumers. A leasing mechanism is used to coordinate change feed processing across multiple consumers (Lease container).



Need help or have questions? Email us at askcosmosdb@microsoft.com to talk to a Cosmos DB engineer!

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