Assuming the parameters for storing billing records in Azure Cosmos DB Database

Azure Cosmos DB

|  |  |
| --- | --- |
| RU | 4000 |
| Storage | 572 GB |
| Backup Storage | Periodic |

Our monthly cost is around $694/month approx.

Solution

We can create another storage account and keep all the all the record that are older than three months.

Blob Storage

|  |  |
| --- | --- |
| Access Tier | Hot |
| Redundancy | LRS |
| Capacity | 1000 GB |
| Write operations | 10,000 operations |
| Read operations | 10,000 operations |

Azure Cosmos DB

|  |  |
| --- | --- |
| RU | 3000 |
| Storage | 72 GB |
| Backup Storage | Periodic |

our monthly cost will be around $439/month

with this we can save around $256 per month.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Microsoft Azure Estimate** | |  |  |  |  |
| **Your Estimate** | |  |  |  |  |
| **Service category** | **Service type** | **Region** | **Description** | **Estimated monthly cost** | **Estimated upfront cost** |
| Databases | Azure Cosmos DB | Central India | Azure Cosmos DB for NoSQL (formerly Core), Standard provisioned throughput (manual), Always-free quantity disabled, Pay as you go, Business Critical, Per Partition Automatic Failover- Central India (Write Region), 3,000 RU/s x 1 Month, 72 GB transactional storage, Analytical storage disabled, 2 copies of periodic backup storage, Dedicated Gateway not enabled | $419.10 | $0.00 |
| Storage | Storage Accounts | Central India | Block Blob Storage, Blob Storage, Flat Namespace, LRS Redundancy, Hot Access Tier, 1,000 GB Capacity - Pay as you go, 1 x 10,000 Write operations, 0 x 10,000 List and Create Container Operations, 1 x 10,000 Read operations, 0 x 10,000 Other operations. 0 GB Data Retrieval, 1,000 GB Data Write, SFTP disabled | $20.06 | $0.00 |
| Support |  | **Support** |  | $0.00 | $0.00 |
|  |  | **Licensing Program** | **Microsoft Customer Agreement (MCA)** |  |  |
|  |  | **Billing Account** |  |  |  |
|  |  | **Billing Profile** |  |  |  |
|  |  | **Total** |  | **$439.16** | **$0.00** |

Comparing both billing records

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Microsoft Azure Estimate** | |  |  |  |  |
| **Your Estimate** | |  |  |  |  |
| **Service category** | **Service type** | **Region** | **Description** | **Estimated monthly cost** | **Estimated upfront cost** |
| Databases | Azure Cosmos DB | Central India | Azure Cosmos DB for NoSQL (formerly Core), Standard provisioned throughput (manual), Always-free quantity disabled, Pay as you go, Business Critical, Per Partition Automatic Failover- Central India (Write Region), 3,000 RU/s x 1 Month, 72 GB transactional storage, Analytical storage disabled, 2 copies of periodic backup storage, Dedicated Gateway not enabled | $419.10 | $0.00 |
|  |  | **Total** |  | **$694.46** | **$0.00** |