# AWS Limits

- AWS Service Information
- AWS Service Limit

| Technologies | Units | Item Size | Timeout (s) | Write | Requests | Retention |
|---|---|---|---|---|---|---|
| API Gateways | | | 30 | | Per region<br>10,000/s<br>5,000 concurrent | |
| Dynamo DB | | 400KB | | | | |
| Kinesis | Shard | | | 1MB/s<br>1000 Transaction/s | | 24hrs |
| Lambda | | | 900 | | | |

## S3

- Objects can be 5TB in size
- Durability = 99.999999999% (11 9s)
- Availability = 99.99%
- Max buckets (default) = 100
- Virtual URL:
  - http://bucket.s3.amazonaws.com
  - http://bucket.s3-aws-region.amazonaws.com
- Path URL:
  - http://s3-aws-region.amazonaws.com/bucket
  - <Path style URL will be deprecated for all new buckets from Sep 2020>
- Object Key names use UTF-8 encoding and must not be longer than 1024 bytes
- Charges
  - Storage
  - Requests
  - Data Transfer Pricing (only data out. data into AWS is free)
  - Transfer Acceleration
  - Management Functions
    - Monitoring metrics
    - Storage Class Analysis
    - S3 Inventory
  - Object Tagging

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