**S3 :** Shared Access, Low latency, High throughput, High availability, data durability

**Benefits :** Encryption, access management, life cycle management, Query in place

**Glacier :** Archival storage, encrypted, access control, audit logging

**Benefits :** Immutable, Durable, Query stored data without retrieval

* Latency Options(Glacier) - Expedited, standard, bulk
* Economical

**EBS :** attached-multi attach, replicated, access control

* IOPS optimized(SSD), throughput optimized(HDD), snapshots

**EFS :** shared access, elastic, available, durable

* Performance - general purpose , Max I/O
* throughput - bursting, provisioned

**Route 53 - AWS DNS solution**

* DNS
* private DNS
* traffic flow

**Ways**

* latency routing
* geographic routing
* Health based routing
* Round robin routing

**Preparing to Improve Your Architecture**

**Cloud formation :** Infrastructure template, automate creation, Ensure consistency

* Cloud formation can use a template to create or Update
* Manages dependencies
* Preview changes
* Source control

**Cloud formation template**

* **Common template sections** : Format version, Description, Parameters, resources, Output

CloudForamtion Template S3 bucket : amel format or Json  
  
Amel format  
  




