

AWS S3 STORAGE CLASSES



Features	S3-Standard	S3-Standard IA	S3 One Zone IA	S3 -RRS	Glacier
Durability	99.999999999%	99.999999999%	99.999999999% (Single AZ)	99.99%	99.999999999%
Availability	99.99%	99.9%	99.5%	99.99%	NA
Availability Zones	>=3	>=3	1	1	>=3
Minimum Storage Duration	Unlimited	30 Days	30 Days	Unlimited	90 Days
Access Speed (Latency)	Milliseconds	Milliseconds	Milliseconds	Milliseconds	1 min to 12 hrs
Data Retrieval Fee	Nil	Per GB Data Retrieved	Per GB Data Retrieved	Nil	Per GB Data Retrieved
Minimum Billable Object Size	NA	128 KiB (the smallest object size for Standard IA)	128 KiB (the smallest object size for Standard IA)	NA	NA
Type of Storage	Object	Object	Object	Object	Object
Lifecycle Management Policies	Available	Available	Available	Available	Available
SSL Support	Yes	Yes	Yes	Yes	Yes
Amazon S3 SLA Backing	99.9%	99%	99%	Data Not Available	NA

Speicherklassen

S3 Standard

S3 Glacier (Archive)

S3 Standard IA (infrequent Access)

One Zone IA

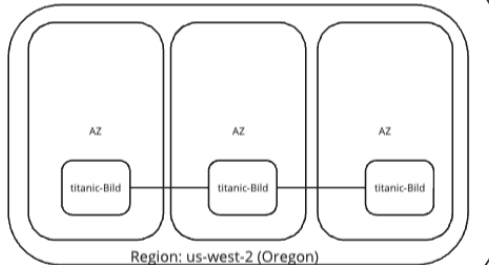
Intelligent Tiering

Skalierung



automatische Skalierung der Bucket-Größe

Redundanz

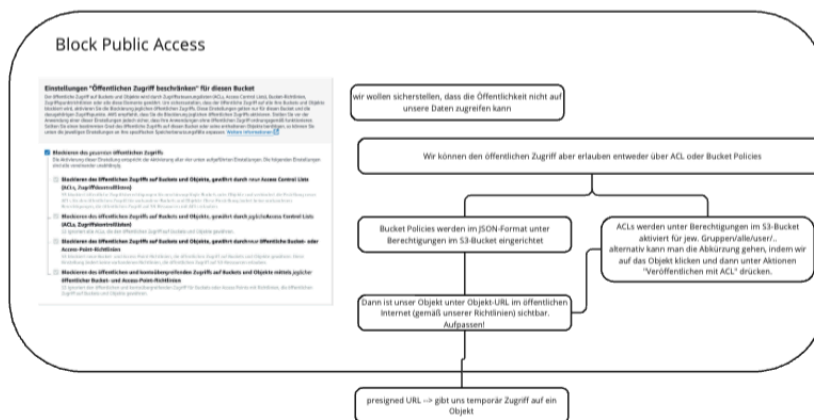
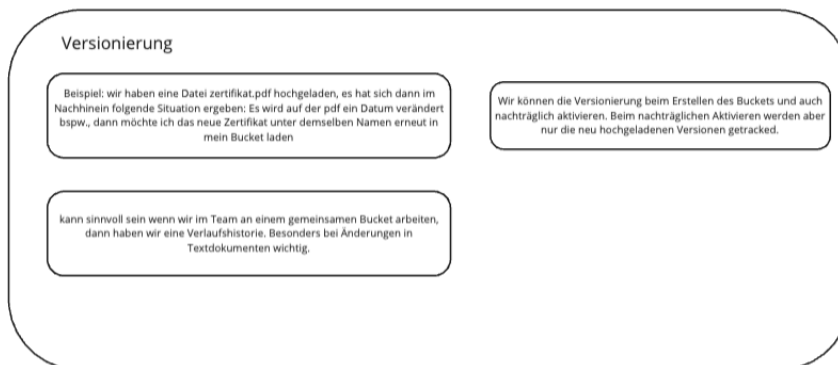
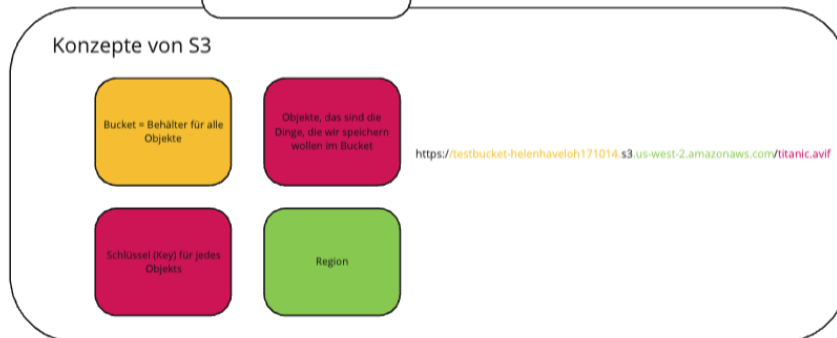
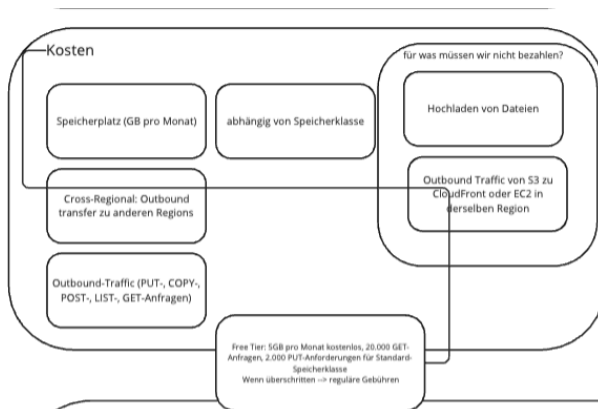


Anwendungsfälle

statisches Website-hosting

Mobile Apps -> Assets

Archivierung und Backup



Objekt

Wir können S3 Bucket so konfigurieren, dass hier drüber eine statische Webseite ausgeliefert wird (brauchen dazu eine index.html).
S3 Bucket stellt quasi einen "Webserver" für uns bereit. Sonst müssten wir das ja über einen Webserver wie Nginx oder Apache machen.