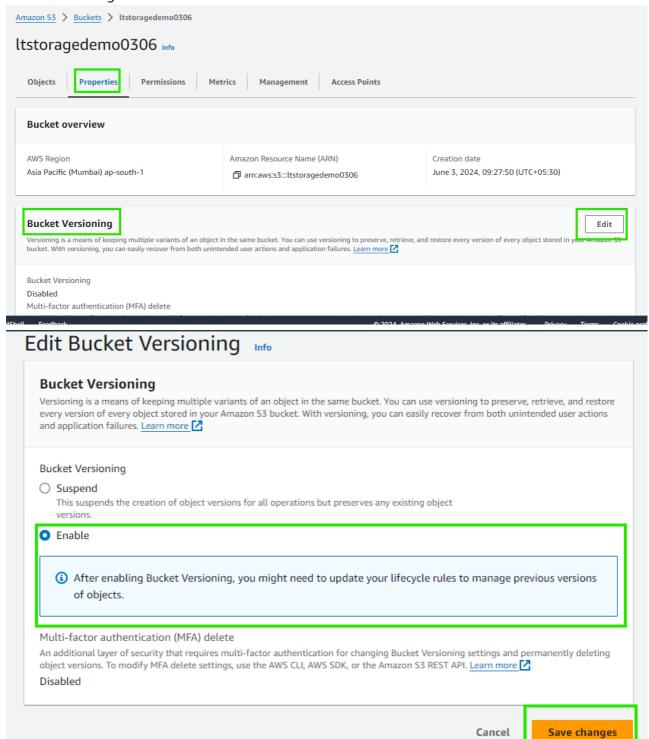
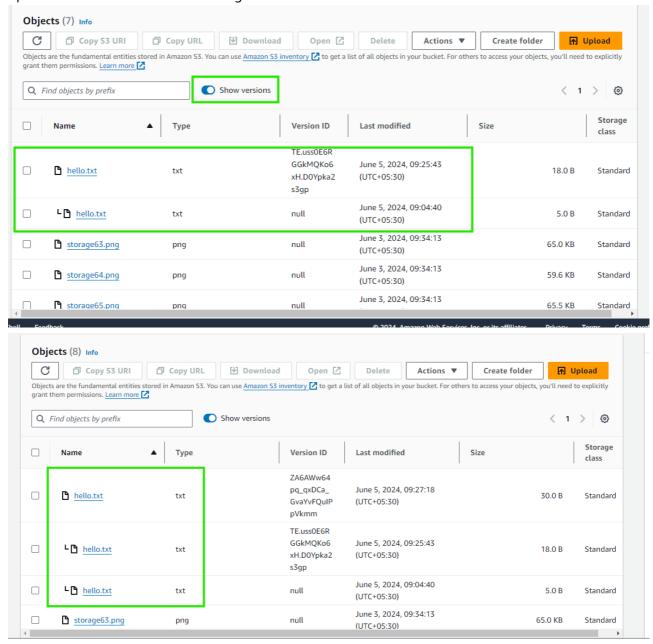
S3 Versioning

- S3 supports versioning
- Versioning can be enabled and suspended
- · Create a bucket
- upload a obect
- Enable versioning



• upload the same file with some changes



• Now, when we suspend versioning, existing versions will stay and aws will not create new versions

S3 Bucket Pricing

- Factors that impact cost of s3 are
 - o size
 - o data transfer
 - redundancy
- Terms
 - Availability
 - Durability
- S3 Storage Classes: S3 Storage class helps us in selecting
 - o cost of storage
 - o cost of data transfer
 - redundancy levels
- S3 Storage classes
 - o Intellegent tier

- o standard:
 - high storage cost
 - low data transfer cost
- o standard ia:
 - low storage cost
 - high data transfer cost
- One zone ia
 - low storage cost
 - high data transfer cost
 - reduced redundancy
- Glacier
 - data transfer (not possible)
 - storage cost is cheapest
- Reduced redundancy
 - high storage cost
 - low data transfer cost
 - reduced redundancy
- Consider pricing
 - Scenario 1: 10 TB storage 100 TB access
 - standard: 307.20 USD
 - storage: 235.52 USD
 - access cost: 71.68 USD
 - standard-ia: 1,152.00 USD
 - storage: 128.00 USD
 - access cost: 1,024.00 USD
 - onezone-ia: 1,126.40 USD
 - storage: 102.40 USD
 - access cost: 1,024.00 USD
 - Glacier: 10.27 USD
 - storage: 10.27 USD
 - o Scenario 2: 1000 TB access zero
 - standard: 22,138.88 USD
 - storage: 22,138.88 USD
 - access cost: 0
 - standard-ia: 13,824.00 USD
 - storage: 13,824.00 USD
 - access cost: 0
 - onezone-ia: 11,264.00 USD
 - storage: 11,264.00 USD
 - access cost: 0
 - Glacier: 1,027.24 USD
 - storage: 1,027.24 USD
 - Scenario 3: 10 TB access 10 GB
 - standard: 235.53 USD
 - storage: 235.52 USD
 - access cost: 0.007 USD

standard-ia: 128.10 USD

storage: 128.00 USD

access cost: 0.10 USD

■ onezone-ia: 102.50 USD

storage: 102.40 USDaccess cost: 0.10 USD

■ Glacier: 10.27 USD (Access not possible)

■ storage: 10.27 USD

- Lifecyclce Transitions:
 - if you want to change the storage classes based on some patterns mostly in dates then we can create lifecycle to transition from one storage class to another and also to expire.