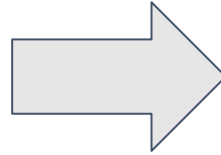
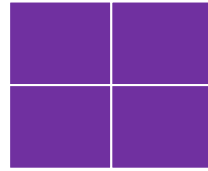
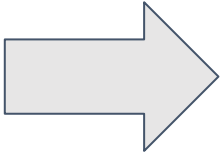


# Block Based



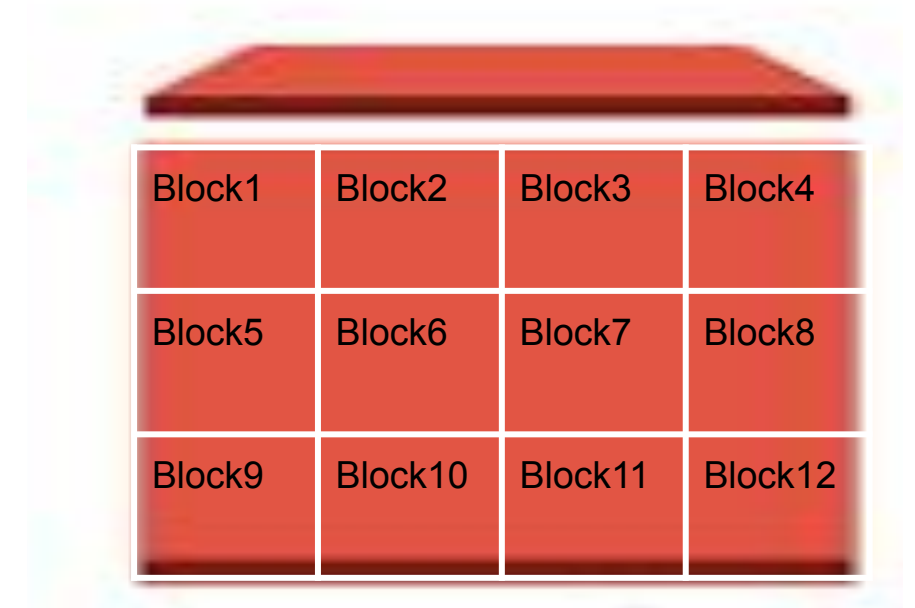
Totally = 16 KB in size

Divide your object into the blocks max 4KB in size

Each Block=4KB in size



## EBS



Totally = 48KB

Total blocks number= 12

Each Block= 4KB in size

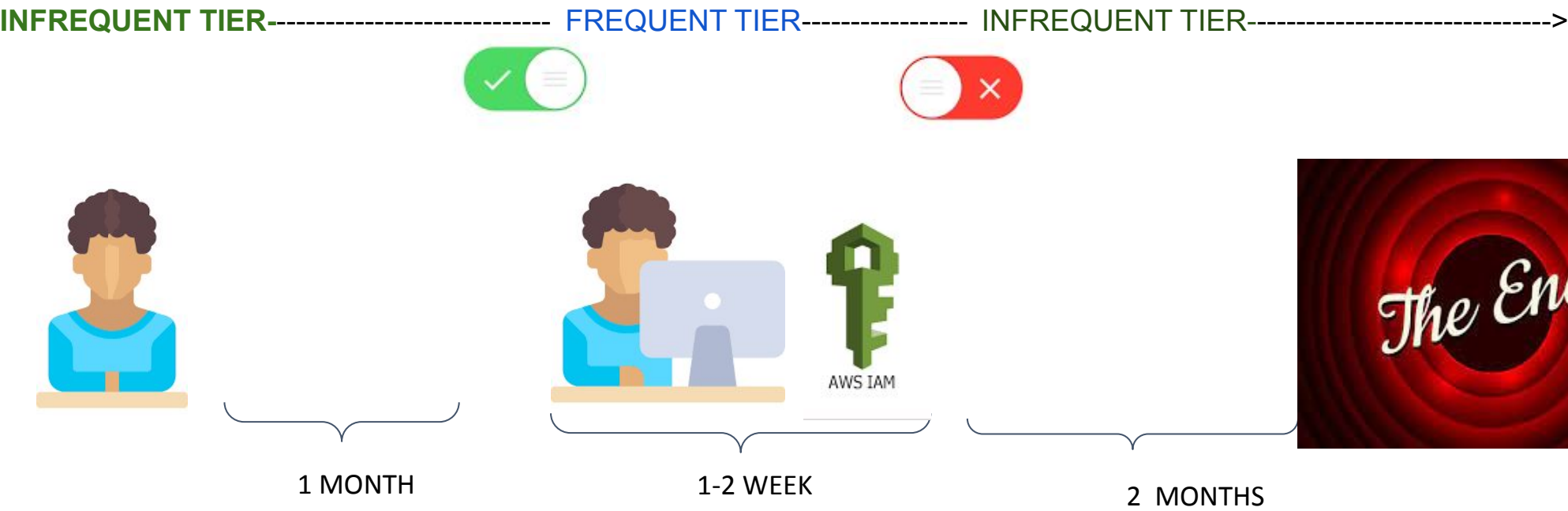
Who can call the data? =Only related EC2

# Object Based-S3



Who can call the data? = Anybody with public **internet** and permission

# INTELLIGENT TEARING PRECLASS ANALOGY



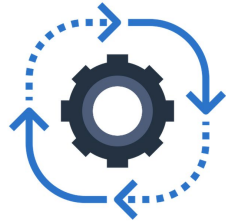
STORAGE CLASS	ADVANTAGE	CONSIDERATION
STANDARD	FREQUENT ACCESS	NOT COST EFFECTIVE -MOSTLY DATA IS INACTIVE - INFREQUENTLY ACCESSED
INFREQUENT ACCESS	CHEAPER UNTIL IAM PRECLASS BEGIN	NOT COST EFFECTIVE - YOU BREAK COMMITMENT DURING 1-2 WEEK
INTELLIGENT TEARING	COST OPTIMIZED	NOT CHEAPER THAN STANDARD BUT YOU CAN FREQUENTLY ACCESS CHEAPER THAN INFREQUENT ACCESS

# Hands on Blueprint



**Creating First  
Bucket**

**Console tour**



**Basic Operations**



**Static Web Hosting**



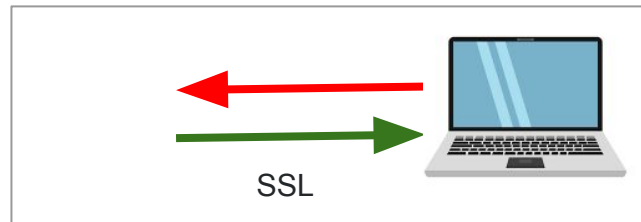
**Versioning**



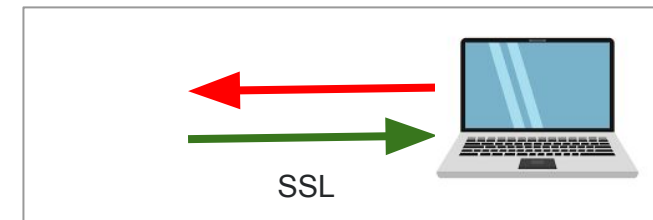
Server Side Encryption (**At Rest**)



Encryption in **Transition**



Client Side Encryption  
(**Transition+At Rest**)





Block All Public Access



Bucket Policy



ACL of Bucket



ACL of Object

“**Make Public**” (Shortcut of ACL)



# Public

```
graph TD; Public[Public] --> Block[Block all Public Access]; Public --> Policy[Bucket Policy]; Public --> ACL[ACL];
```

Block all Public Access

Based on: Bucket

Effect : Both Bucket and Object

Bucket Policy

Based on: Bucket

Effect: Both Bucket and Object

ACL

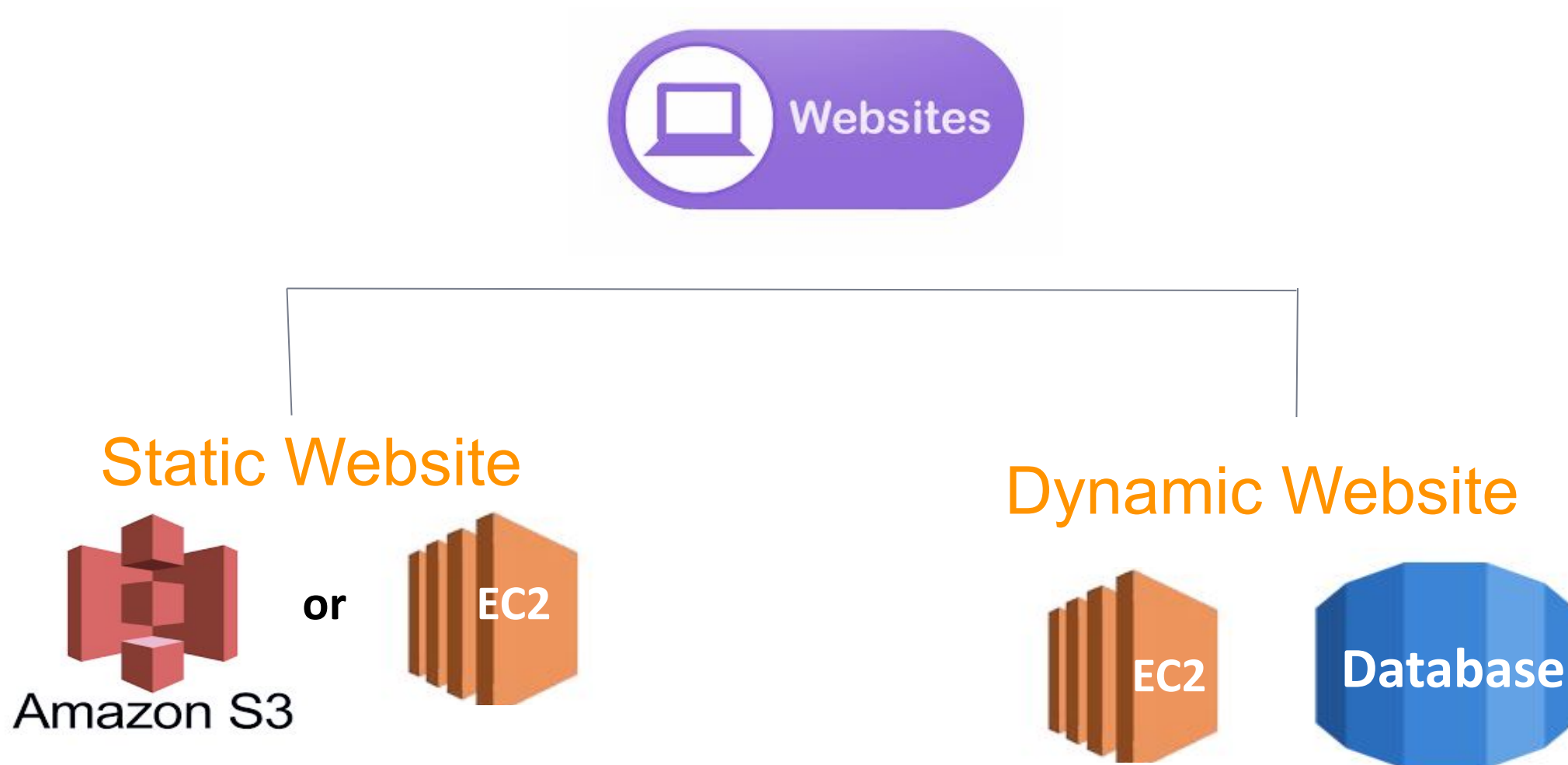
Based on: Bucket or Object

Effect: Which you select





# What is Static and Dynamic Website Hosting?





**APPLICATION**



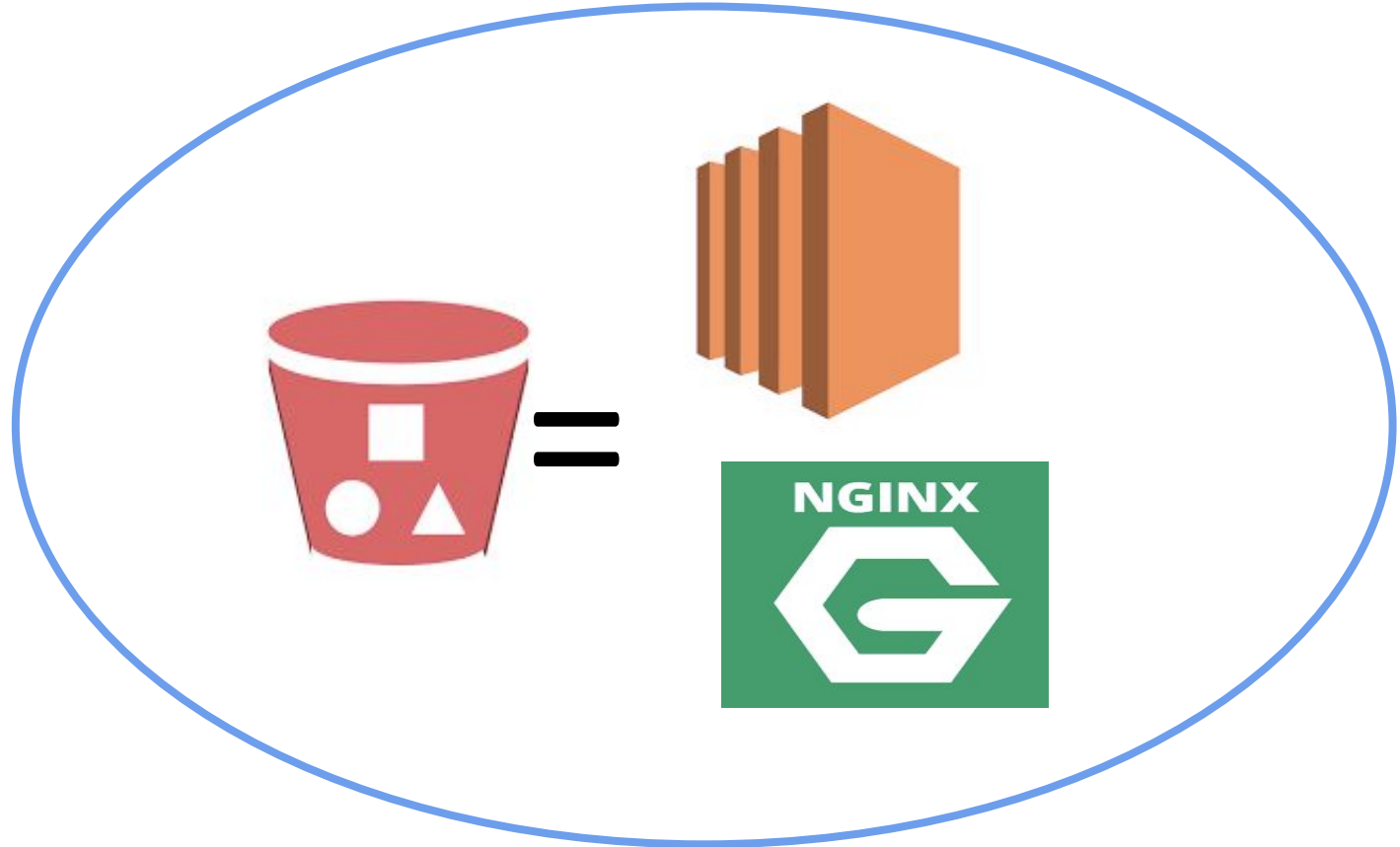
**EC2**



**SOIL**



# Static Website Hosting



# Static Website public access

Permissions

Public



Uncheck Block all public access



Add Bucket Policy



Set Properties-static Website hosting

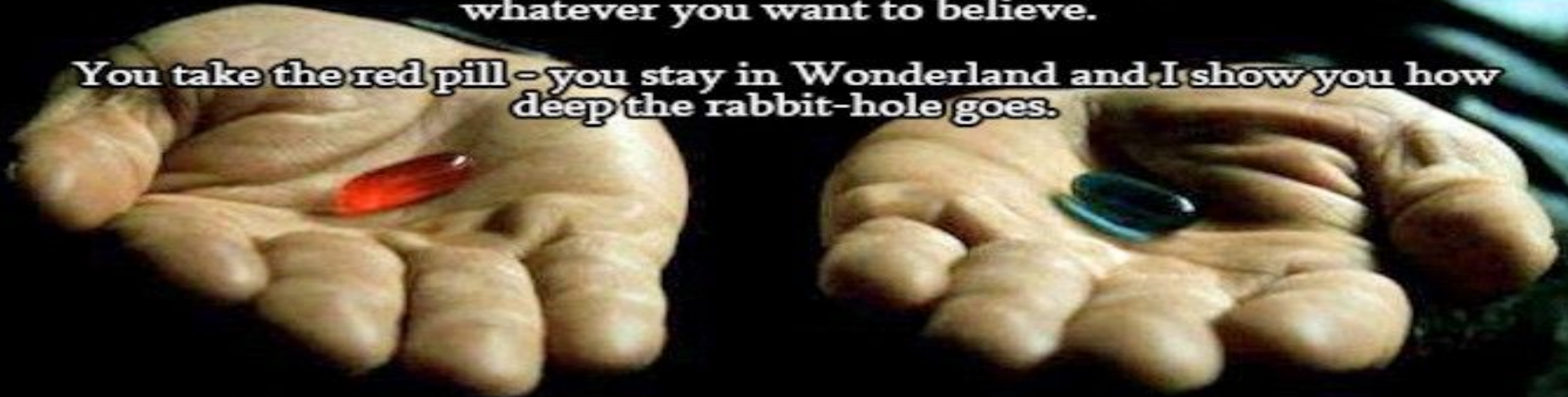
# VERSIONING

A close-up shot of Morpheus from The Matrix, wearing his signature black sunglasses and a dark leather jacket. He is holding a small, dark card in his hands, looking directly at the camera with a serious expression. The background is dark and out of focus.

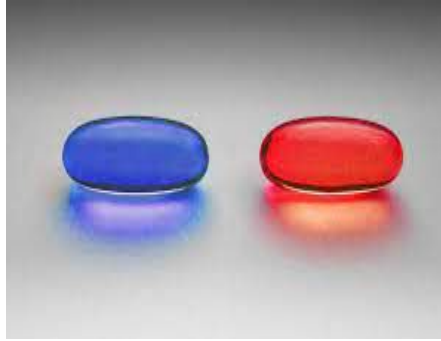
**This is your last chance. After this, there is no turning back.**

**You take the blue pill - the story ends, you wake up in your bed and believe whatever you want to believe.**

**You take the red pill - you stay in Wonderland and I show you how deep the rabbit-hole goes.**

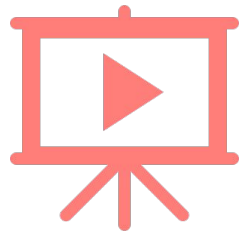


# Delete in Versioning

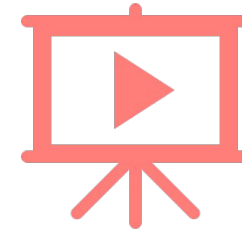


REAL PAGE

VERSIONING PAGE



INDEX.HTML

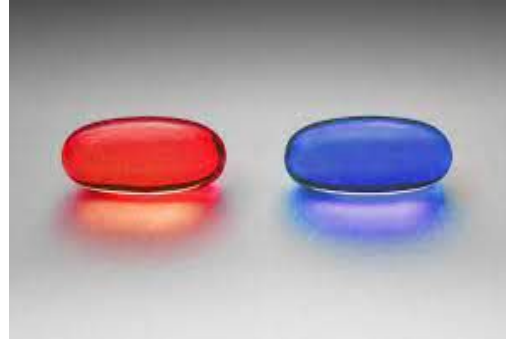


INDEX.HTML



CAT.JPG

# Delete in Versioning



REAL PAGE

VERSIONING PAGE

Delete

Permanently Delete

- If you want to empty the bucket before delete, keep in mind this

## SOURCE



`static.web.hosting`



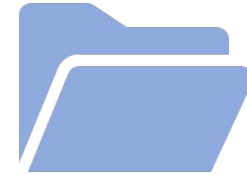
`versioning`



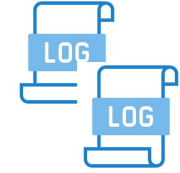
## DESTINATION



`log.pet.clarusway.`



`web.hosting`



`versioning`

