Amazon Web Services

Metadata and Tags

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Metadata

- It is used to provide more information about the object upload in the bucket

- Types of Metadata

- System define object metadata
- User define object metadata

Metadata - System define object

- Every object in a bucket has a set of system metadata which is processed by S3.

- System metadata has 2 categories:

- **Metadata**: like object creation date which is controlled by the system and solely Amazon S3 has the ability to update its value.

- **Other system metadata**: like the storage class configured for an object and objects of enabled server-side encryption, are system metadata with values controlled by us.

Metadata - User define object

- When uploading an object, we can also assign metadata to the object. We provide this optional information as a name-value (key-value) pair when you send a PUT or POST request to create the object.

- Create a bucket

- Select ACLs Enabled

- Provide public access

- Upload one object in the bucket

- Give public access to the object

Metadata

- Go to Properties tab of the object

- System has already created one metadata.

- Click on edit for metadata

- Select system defined

- Select the key as per our requirement & enter the value

- Select user defined

- Enter the key & Value as per our requirement

Tags

- We use object tagging to categorize storage. It will show in the billing where we can easily track for which purpose we are getting the bill.

- Click on Edit for tags

- Enter the Key & Value as per our requirement

- Click on save changes

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