

Amazon Web Services

Versioning

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VERSIONING

- Versioning in Amazon S3 is a means of keeping multiple variants of an object in the same bucket. We can use the S3 Versioning feature to preserve, retrieve, and restore every version of every object stored in our buckets. It is enabled at the bucket level. Versioning-enabled buckets can help you recover objects from accidental deletion or overwrite.
- **Advantages of Versioning**
- We can recover deleted object.
- We can maintain different versions of the file



VERSIONING

- Create bucket
- Select ACLs Enabled
- Don't give access to public
- Click on Create bucket
- Upload the Object
- Don't give any permission
- Paste the Object URL in Browser



VERSIONING

- Give Public Access to Bucket
- Open our bucket
- Go to Permissions tab
- Click on Edit for block public access
- Uncheck the Block all public Access
- Click on save changes
- Enter confirm & Click on Confirm



VERSIONING

- Now open File
- Go to Permission tab.
- Click on edit
- Check the read check box for public
- Check the authentication
- Click on save changes
- Check the object URL.

VERSIONING - RECOVER DELETED OBJECT

- Open our Bucket
- Go to properties tab
- Click on Edit for bucket Versioning
- Select enable
- Click on save changes
- Open our bucket
- Click on show versions



VERSIONING - RECOVER DELETED OBJECT

- Delete the file
- Select the file & Click on Delete
- Enter delete
- Click on delete objects
- Click on show versions



VERSIONING - RECOVER DELETED OBJECT

- Select delete marker file & Click on delete
- Enter permanently delete
- Click on Delete objects

VERSIONING - MAINTAIN DIFFERENT VERSIONS

- Add more lines in our existing file
- Open bucket & Upload the new file
- Go to Permissions
- Give Public Access
- Click on upload
- Click on show versions



VERSIONING - MAINTAIN DIFFERENT VERSIONS

- Recover Old Version File
- Select the old version file
- Click on download
- System will download the file & if we want then we can upload the file again.

Amazon Web Services

Static Website Hosting



STATIC WEBSITE HOSTING

- Create New Bucket
- Select ACLs Enabled
- Unblock all public access
- Acknowledge the Settings
- Click on Create bucket
- Open bucket
- Go to Properties tab



STATIC WEBSITE HOSTING

- Go to Static website hosting
- Click on edit
- Select enable
- Select hosting type as Host a static website.
- Index.html in Index document
- Error.html in Error document
- Click on save changes



STATIC WEBSITE HOSTING

- Note down our bucket website endpoint
- Now create two html file (index.html & error.html)
- Upload both the files in our bucket
- Go to Permissions
- Give public access
- Click on save changes
- Paste the bucket website endpoint in the browser