Problem Statement:

You work for XYZ Corporation. Their application requires a storage service that can store files and publicly share them if required. Implement S3 for the same.

Tasks To Be Performed:

1. Enable versioning for the bucket created in task 1.
2. Re-upload any 2 files already uploaded to verify if versioning works.

aws Services Q Search [Option+S] Global ▼ rsujithsri16@gmail.com ▼

EC2

sujith-bucket-s3 Info

Objects | Properties | Permissions | Metrics | Management | Access Points

Objects (5) Info

[C] [Copy S3 URI] [Copy URL] [Download] [Open] [Delete] [Actions ▼] [Create folder] [Upload]

Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory ⬈ to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more ⬈

Q Find objects by prefix

< 1 >

	Name ▲	Type ▽	Last modified ▽	Size ▽	Storage class ▽
☐	🗎 Agile.txt	txt	March 19, 2024, 16:35:52 (UTC+05:30)	3.1 KB	Standard
☐	🗎 error(2).html	html	March 19, 2024, 16:36:08 (UTC+05:30)	30.3 KB	Standard
☐	🗎 SpotifyInstaller.zip	zip	March 19, 2024, 16:36:06 (UTC+05:30)	2.0 MB	Standard
☐	🗎 sujith123.pem	pem	March 19, 2024, 16:36:12 (UTC+05:30)	1.6 KB	Standard
☐	🗎 VPC-Creation-Assignment---1.pdf	pdf	March 19, 2024, 16:36:10 (UTC+05:30)	147.1 KB	Standard

aws | Services | Q Search | [Option+S] | Global ▼ | rsujithsri16@gmail.com ▼

EC2

Amazon S3 > Buckets > sujith-bucket-s3 > Upload

Upload Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. Learn more ↗

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (1 Total, 406.0 B) | Remove | Add files | Add folder

All files and folders in this table will be uploaded.

Q Find by name   ‹ 1 ›

	Name ▽	Folder ▽	Type
☐	This is my old file.rtf	-	text/rtf

Destination Info

Destination

s3://sujith-bucket-s3

aws | Services | Q Search | [Option+S] | Global ▼ | rsujithsri16@gmail.com ▼

EC2

sujith-bucket-s3 Info

| Objects | Properties | Permissions | Metrics | Management | Access Points |

Objects (6) Info

[↻] [Copy S3 URI] [Copy URL] [Download] [Open ↗] [Delete] [Actions ▼] [Create folder] [Upload]

Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory ↗ to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more ↗

Q Find objects by prefix

< 1 > ⚙

	Name ▲	Type ▽	Last modified ▽	Size ▽	Storage class ▽
☐	📄 Agile.txt	txt	March 19, 2024, 16:35:52 (UTC+05:30)	3.1 KB	Standard
☐	📄 error(2).html	html	March 19, 2024, 16:36:08 (UTC+05:30)	30.3 KB	Standard
☐	📄 SpotifyInstaller.zip	zip	March 19, 2024, 16:36:06 (UTC+05:30)	2.0 MB	Standard
☐	📄 sujith123.pem	pem	March 19, 2024, 16:36:12 (UTC+05:30)	1.6 KB	Standard
☑	📄 This is my old file.rtf	rtf	March 19, 2024, 16:47:01 (UTC+05:30)	406.0 B	Standard
	📄 VPC Creation		March 19, 2024, 16:36:10		

EC2

AWS Region
US East (N. Virginia) us-east-1

Amazon Resource Name (ARN)
arn:aws:s3:::sujith-bucket-s3

Creation date
March 19, 2024, 16:31:16 (UTC+05:30)

Bucket Versioning

Edit

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. Learn more ↗

Bucket Versioning

Disabled

Multi-factor authentication (MFA) delete

An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. Learn more ↗

Disabled

Tags (0)

Edit

You can use bucket tags to track storage costs and organize buckets. Learn more ↗

Key	Value

No tags associated with this resource.

aws | Services | Q Search [Option+S] | Global ▼ | rsujithsri16@gmail.com ▼

EC2

Amazon S3 > Buckets > sujith-bucket-s3 > Edit Bucket Versioning

Edit Bucket Versioning Info

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. Learn more 🗗

Bucket Versioning

○ Suspend

This suspends the creation of object versions for all operations but preserves any existing object versions.

● Enable

ⓘ After enabling Bucket Versioning, you might need to update your lifecycle rules to manage previous versions of objects.

Multi-factor authentication (MFA) delete

An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. Learn more 🗗

Disabled

Cancel   Save changes

aws | Services | Q Search | [Option+S] | Global ▼ | rsujithsri16@gmail.com ▼

EC2

⊘ **Successfully edited Bucket Versioning**
To transition, archive, or delete older object versions, configure lifecycle rules for this bucket. ✕

Amazon S3 > Buckets > sujith-bucket-s3

sujith-bucket-s3 Info

Objects | **Properties** | Permissions | Metrics | Management | Access Points

Bucket overview

AWS Region	Amazon Resource Name (ARN)	Creation date
US East (N. Virginia) us-east-1	🗐 arn:aws:s3:::sujith-bucket-s3	March 19, 2024, 16:31:16 (UTC+05:30)

Bucket Versioning   Edit

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. Learn more 🗗

Bucket Versioning

Enabled

Multi-factor authentication (MFA) delete

aws | Services | Q Search | [Option+S] | Global ▾ | rsujithsri16@gmail.com ▾

EC2

Amazon S3 > Buckets > sujith-bucket-s3 > Upload

Upload Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. Learn more 🗗

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (1 Total, 454.0 B) | Remove | Add files | Add folder

All files and folders in this table will be uploaded.

Q Find by name   ‹ 1 ›

☐	Name	▽	Folder	▽	Type
☐	This is my old file.rt.rtf		-		text/rtf

Destination Info

Destination

s3://sujith-bucket-s3

aws Services Q Search [Option+S] Global ▼ rsujithsri16@gmail.com ▼

EC2

Objects (7) Info   ⟳   Copy S3 URI   Copy URL   ⬇ Download   Open ⧉   Delete   Actions ▼   Create folder   ⬆ Upload

Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory ⧉ to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more ⧉

Q Find objects by prefix   ● Show versions   < 1 > ⚙

	Name ▲	Type	Version ID	Last modified	Size	Storage class
☐	📄 error(2).html	html	null	March 19, 2024, 16:36:08 (UTC+05:30)	30.3 KB	Standard
☐	📄 SpotifyInstaller.zip	zip	null	March 19, 2024, 16:36:06 (UTC+05:30)	2.0 MB	Standard
☐	📄 sujith123.pem	pem	null	March 19, 2024, 16:36:12 (UTC+05:30)	1.6 KB	Standard
☑	📄 This is my old file.rt.rtf	rtf	zvOOhFk9O_h1kjWRC7l1wiExDmyE5Q6F	March 19, 2024, 17:00:50 (UTC+05:30)	454.0 B	Standard
☑	📄 This is my old file.rtf	rtf	null	March 19, 2024, 16:47:01 (UTC+05:30)	406.0 B	Standard
☐	📄 VPC-Creation-Assignment-—1.pdf	pdf	null	March 19, 2024, 16:36:10 (UTC+05:30)	147.1 KB	Standard