AWS TASK – 2

S3 Bucket Creation

1. Creating Bucket

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. Learn more [↗]

☐ **Block *all* public access**
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

  ☐ **Block public access to buckets and objects granted through *new* access control lists (ACLs)**
  S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

  ☐ **Block public access to buckets and objects granted through *any* access control lists (ACLs)**
  S3 will ignore all ACLs that grant public access to buckets and objects.

  ☐ **Block public access to buckets and objects granted through *new* public bucket or access point policies**
  S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

  ☐ **Block public and cross-account access to buckets and objects through *any* public bucket or access point policies**
  S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

⚠ **Turning off block all public access might result in this bucket and the objects within becoming public**
AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

Default encryption Info

Server-side encryption is automatically applied to new objects stored in this bucket.

Encryption type Info

◉ Server-side encryption with Amazon S3 managed keys (SSE-S3)
○ Server-side encryption with AWS Key Management Service keys (SSE-KMS)
○ Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)
  Secure your objects with two separate layers of encryption. For details on pricing, see **DSSE-KMS pricing** on the **Storage** tab of the Amazon S3 pricing page. [↗]

Bucket Key
Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. Learn more [↗]

◉ Disable
○ Enable

▶ **Advanced settings**

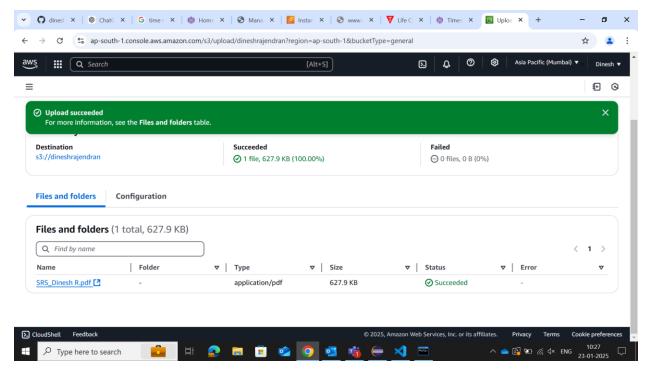ⓘ After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings

2. Uploading a file

3. Grant Permission

Screenshot 2

aws   Q Search   [Alt+S]

Asia Pacific (Mumbai) ▾   Dinesh ▾

☰   Amazon S3 ＞ Buckets ＞ dineshrajendran

⊘ **Upload succeeded** ✕
For more information, see the **Files and folders** table.

⊘ A presigned URL for "SRS_Dinesh R.pdf" has been created and copied to your clipboard.   🗐 Copy presigned URL   ✕

⊘ Presigned URL copied

Objects (1) 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 ▽
☑	📄 SRS_Dinesh R.pdf	pdf	January 23, 2025, 10:27:52 (UTC+05:30)	627.9 KB	Standard

CloudShell   Feedback

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Software Requirements

Specification

College Management System