**Name – Sarah Thomas**

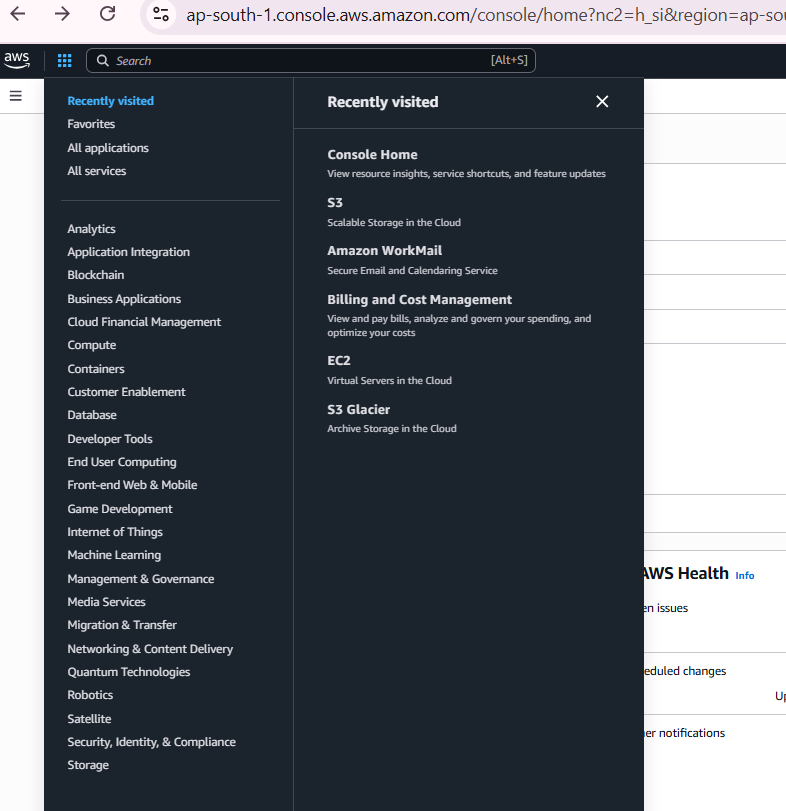
**Reg. No: 23BSA10160**

**Subject: CSE3015 AWS Cloud Practitioner  
Slot: A11+A12+A13**

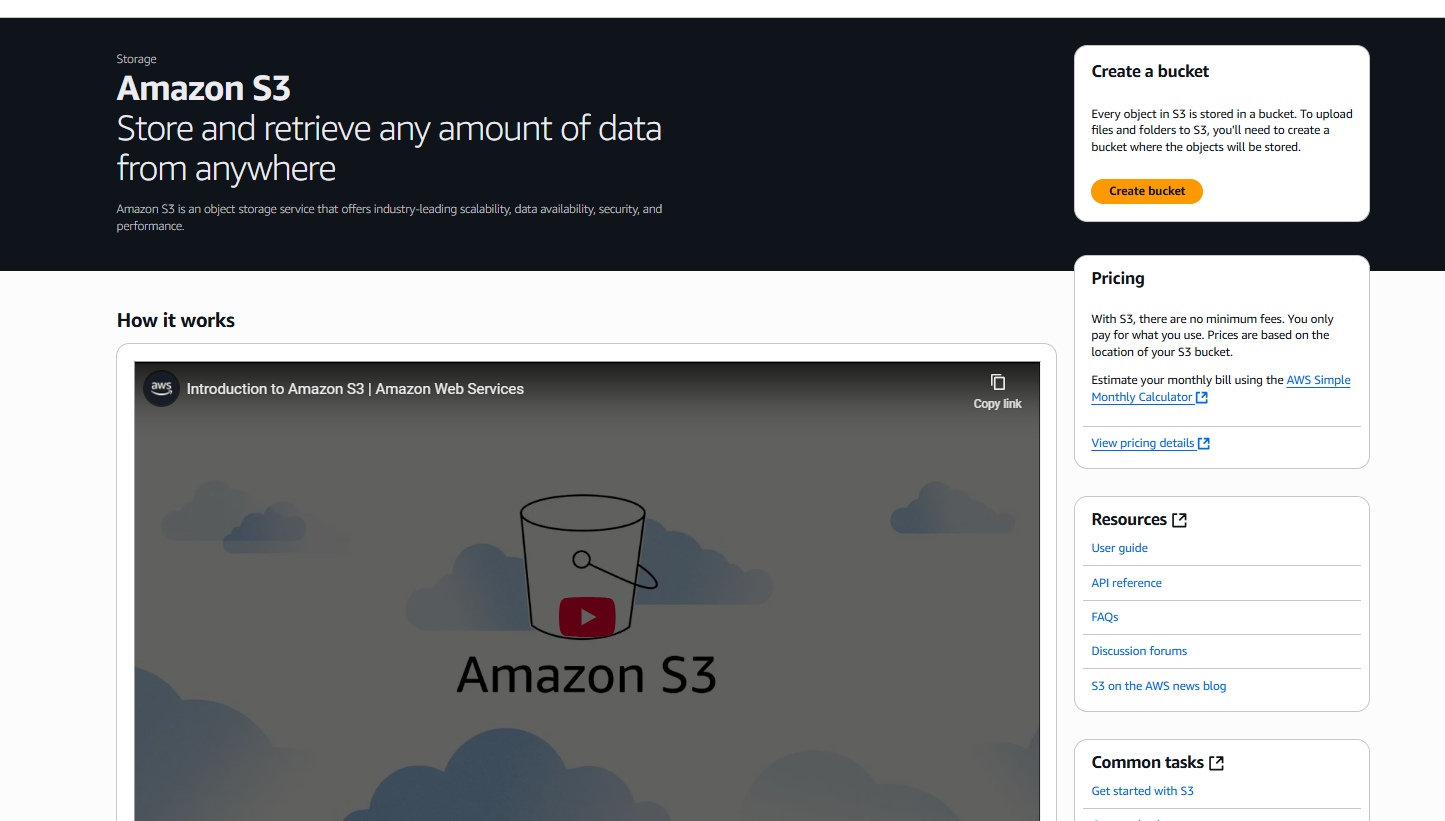
**Date: 28-07-2025**

**Assignment 2  
Create Simple Storage Bucket {S3} bucket to store files/folders and create URL to share it with users.  
  
Creating S3 Bucket by DISABLE Versioning.**

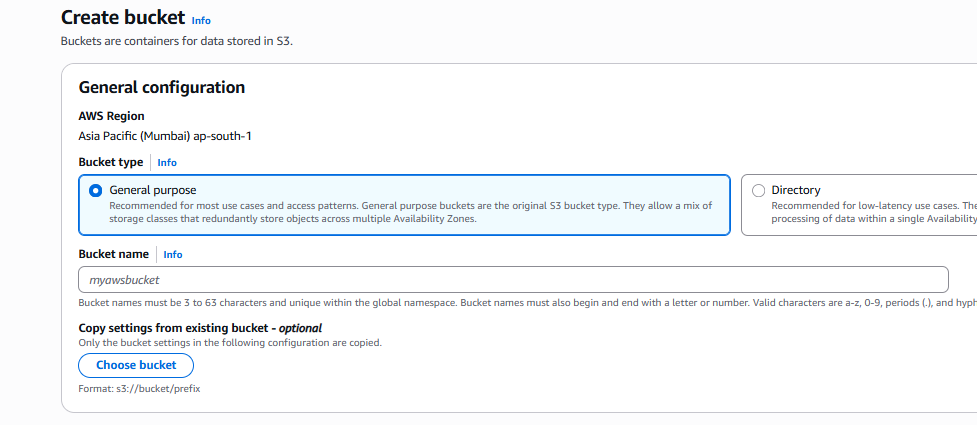
1. Login to AWS Console, Navigate to Services -> Storage -> S3



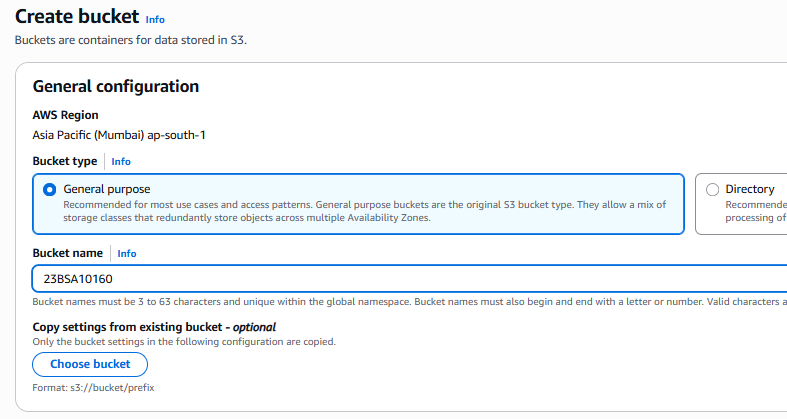
1. After clicking on S3, navigate and click on Create Bucket.

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1. Once clicked, give a unique name to the Bucket.

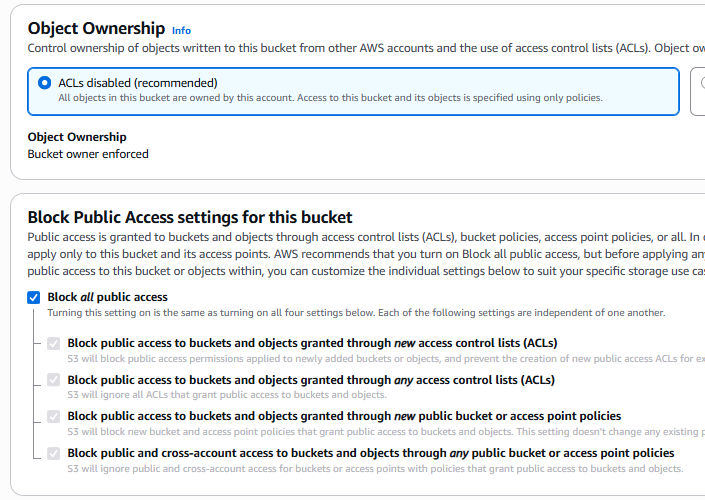
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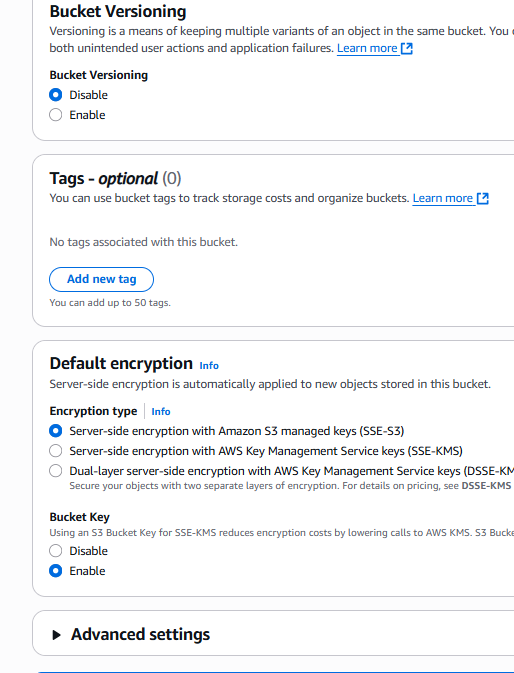
1. For Example in here I have given the bucket name as 23BSA10160.

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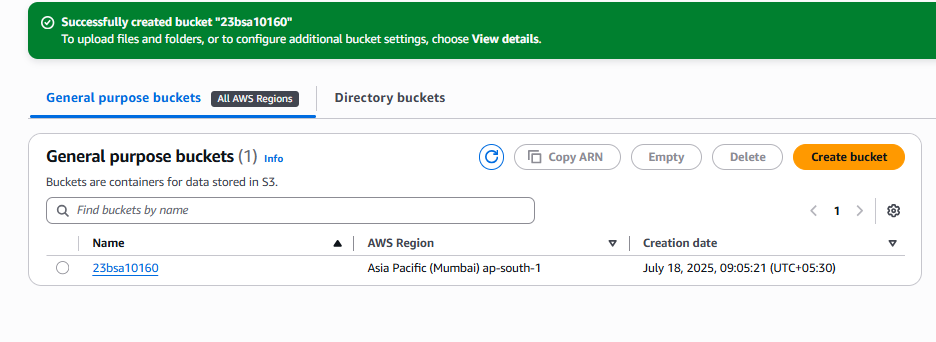
1. Keep the rest setting as default.  
   Under the Bucket Versioning, if selected Disabled -> files with same names will not be duplicated rather the latest fie would be saved.  
   Whereas when selected Enabled -> file with same names would be saved under the same file name, but versions of the same file could be seen, which can be differentiated by their respective timestamps.

Once done, click on Create Bucket to save the bucket.

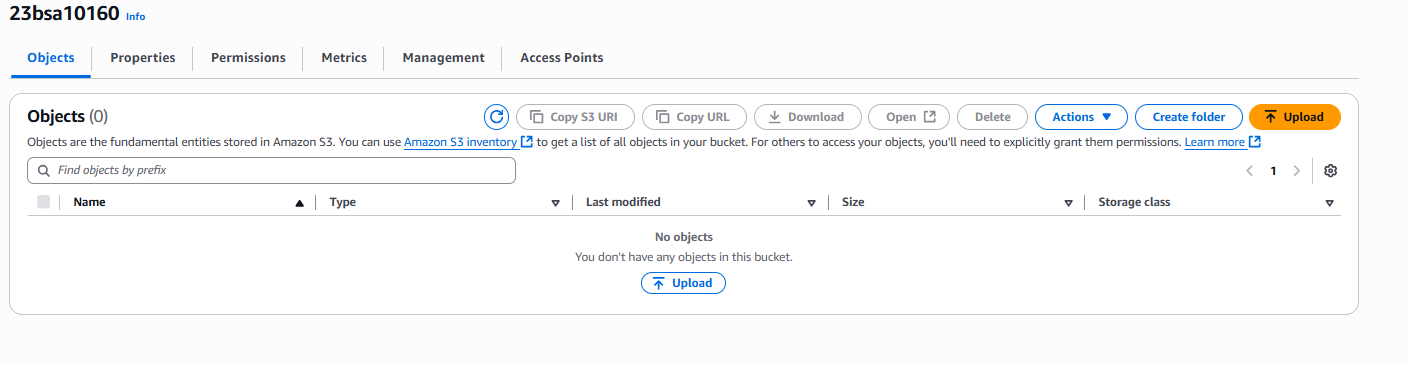
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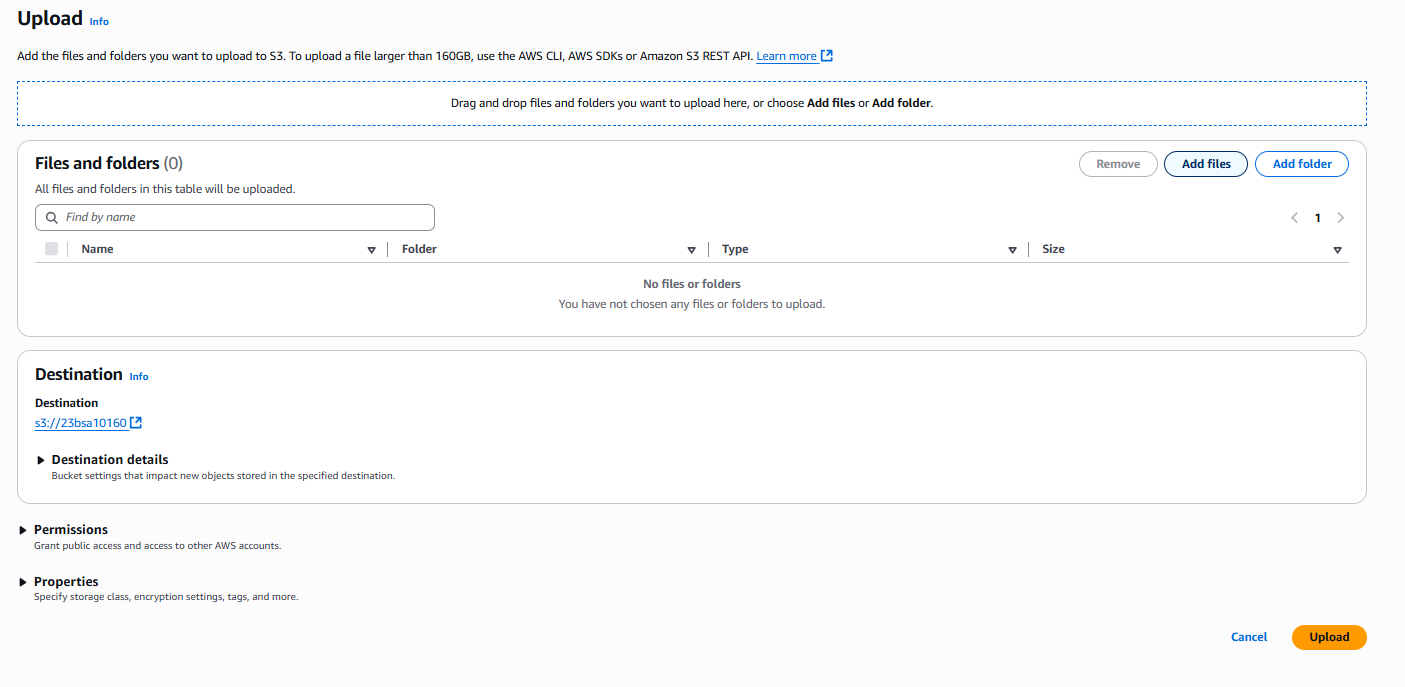
1. Now our instance is created with the name that we gave ie 23bsa10160.

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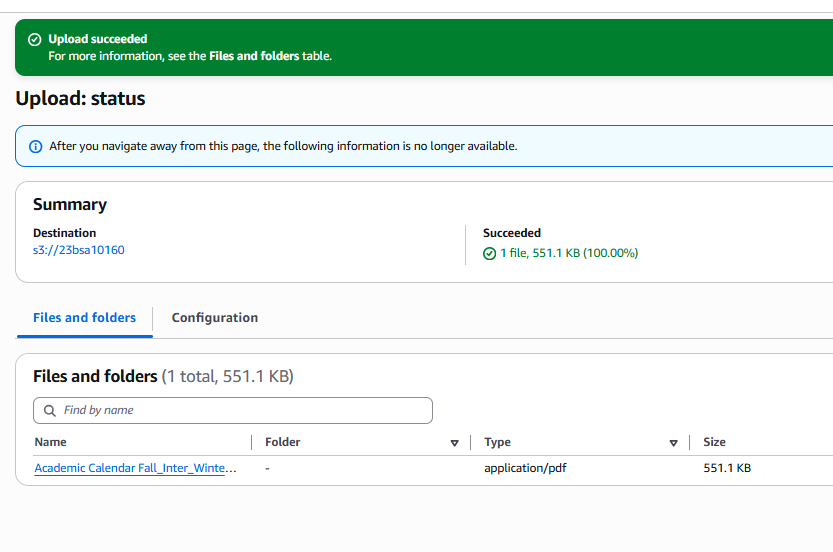
1. Now click on the bucket, which directs us to the below page. Click on Upload to load our files and folders in the bucket.

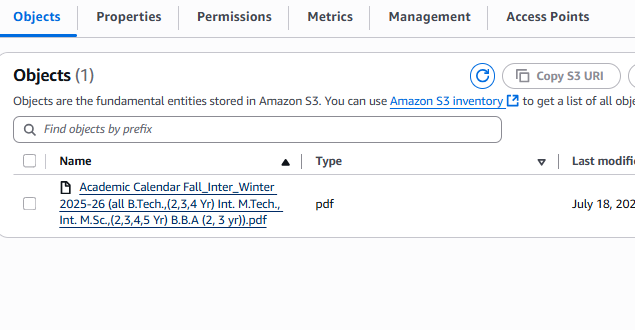
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1. Now click on add files/ add folder option.

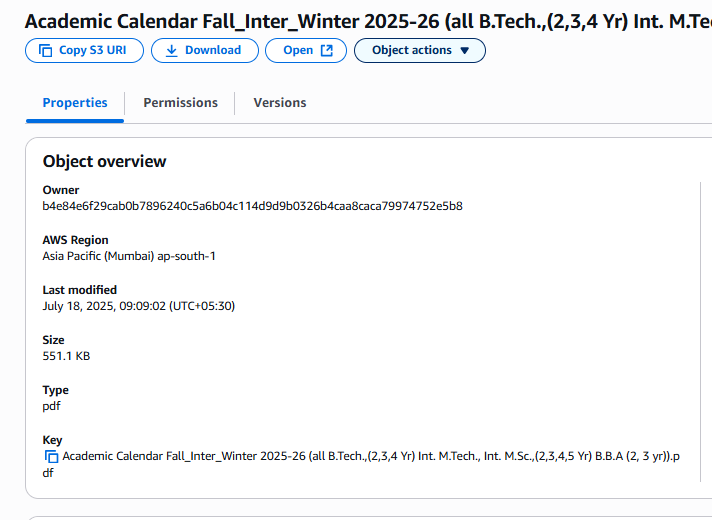
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1. Load files/folder of your choice and upload it. For demo I have added the Academic Calendar of the upcoming semesters.

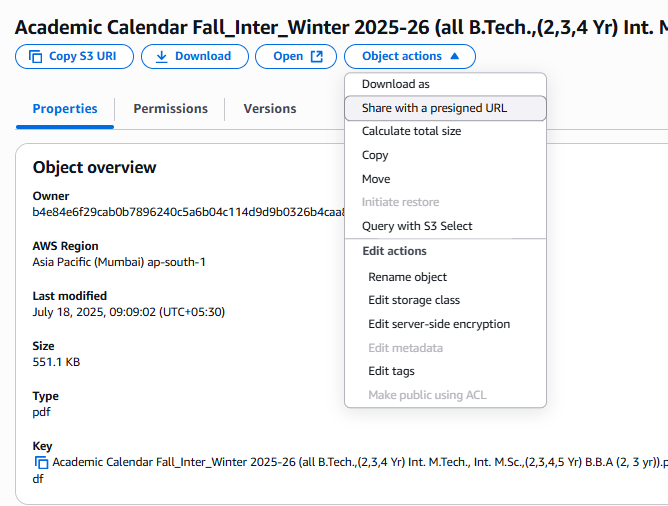
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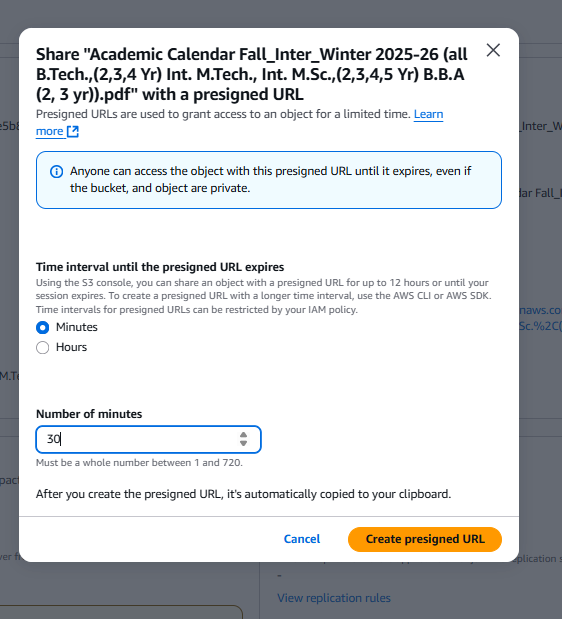
1. Now Click on the upload file which navigates us the the below page,

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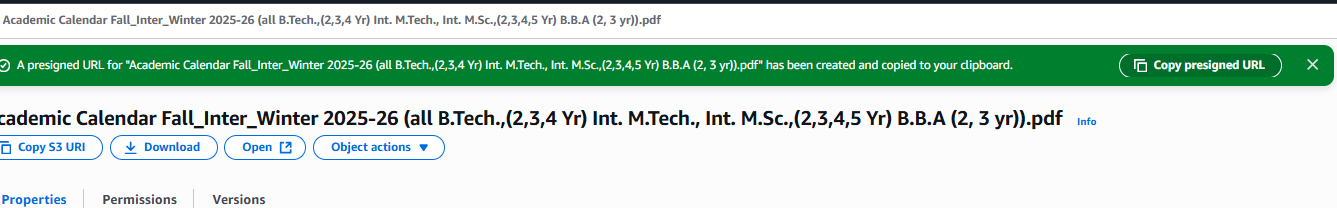
1. Click on *Object Actions -> Share with a presigned URL.*

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1. Herein we can specify the time duration for which we want the users to access the file.

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1. Once clicked on ‘*Create presigned URL’* the uniform resource locator is copied to the clipboard.

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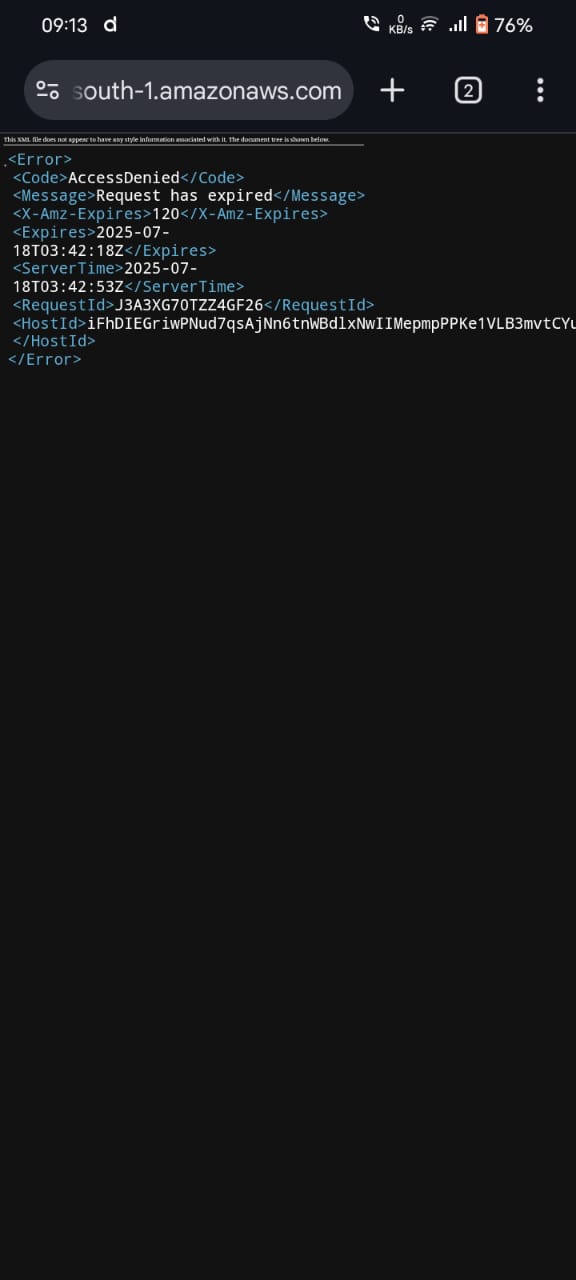
1. Demo link looks like some what like this.

https://23bsa10160.s3.ap-south-1.amazonaws.com/Academic%20Calendar%20Fall\_Inter\_Winter%202025-26%20%28all%20B.Tech.%2C%282%2C3%2C4%20Yr%29%20Int.%20M.Tech.%2C%20Int.%20M.Sc.%2C%282%2C3%2C4%2C5%20Yr%29%20B.B.A%20%282%2C%203%20yr%29%29.pdf?response-content-disposition=inline&X-Amz-Content-Sha256=UNSIGNED-PAYLOAD&X-Amz-Security-Token=IQoJb3JpZ2luX2VjEGwaCmFwLXNvdXRoLTEiRzBFAiEA%2Bz0y9uh3N%2BA8jBZeRciYA8UVPe6znBp7SzFJXxY28K0CIA%2Fo4hBtka2JEbFyIJSI8QLhmk5LRVtldn0czeOaukC%2FKsIDCIX%2F%2F%2F%2F%2F%2F%2F%2F%2F%2FwEQABoMNzY3ODI4NzY3NzgyIgzkfet7eHPMFhfVk%2BAqlgMWnAqVgPCcFMWLcFGVfXAcY%2BwQQRbKzC5qJocZxz%2FOfk44qokBLw3FKHWodb2Kk6pYcSo1NrAwQJFVN5yMHdXkbeJddfWNjnmtRzWiC52QNifsvtxGxRep7Ozn5N%2BUuFcKJUcEkR4IUYibKuMHHSVWPx3nG9tGQ5JI0cDhbiZxLYAuviPbQdJ5FwWwcn3ThbnRw%2BTZNwc9Feq57xjGjRJpqFVfrHq1eFTgz1A09jZAXJv%2FnpwP8BQvhZRbwa9P9JKIrpkm0d1VZufCerFDqrZUMS7ut5SXlISaKgyY5%2BqyDP50xKGRe8QGEpiVKr61Jgni2KL%2FKp%2BGmjMyjMO%2FpXGI20ydM7ys9EL7D1aWW%2BvZxU9jEXoomzmBTGCNFxJA68WfwO6%2BzZAkVCK29R%2B9P%2F3l3DDZ1bXahKXhmOAFyZPCa5nzupiPeOabfQJDhJqButmoUcZUkMEZzX7aEfSDi55OozFmFnrRAjOG3nzepublTdkPM0he42GbbLaI2Z0WJ%2BGrpoNgMByfkQ2FXRjiyLzGVgYoZ5NZMI705sMGOt4CnfR84LB3oCF1ny4hlA3VXCHSRTG5w6sCrhRuePjRaS3VZChxVnIVZSseinF3L0pLEmUq1D66NbJpXpJNOsHOdverW2NcxhCxn6m%2BK5dVcB7vrcat0BkyiYe5wO87387ThT7YhrwvUeLvtYtJjcrPXvBa8HIGliwZ4J%2F5Vo6pCEoTeuCvlX5QZQSCOWJM1uJcPHglWudO5t%2F7%2BEx%2FU1cbuIpE1g3i8UP43RSX0rUIthv2j%2Fd4peckizC25ox%2BO%2FR1quk9Ex81IsSYNk7Etzg8tgDtSF%2Fn6s5zb0OhGNdwR3wFiAdoVhP2GcZeaBkWNYVjI3BIbiY9vZkm5%2FrkF10l5jQDEgkFAmFVI8mcaHLa8ZO48z0iBvv5sxA4fuQ6eBDSofXR2WTWVyYtQM5jMzboXlcmR963%2FGz8s8d5r6rVK6qUAAHvfb9PG4M7HRhzq2QtRbO6AEHDHaW4L%2BoGm0A%3D&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=ASIA3FRRJGQTKNPNIHWH%2F20250718%2Fap-south-1%2Fs3%2Faws4\_request&X-Amz-Date=20250718T034147Z&X-Amz-Expires=1800&X-Amz-SignedHeaders=host&X-Amz-Signature=2530fe5c97f06291948721519089ee8ae4584336b35cc0346afe3d2380efc722

1. Once clicked on the link, then we can access the content shared through that URL, in our case the Academic Calendar.

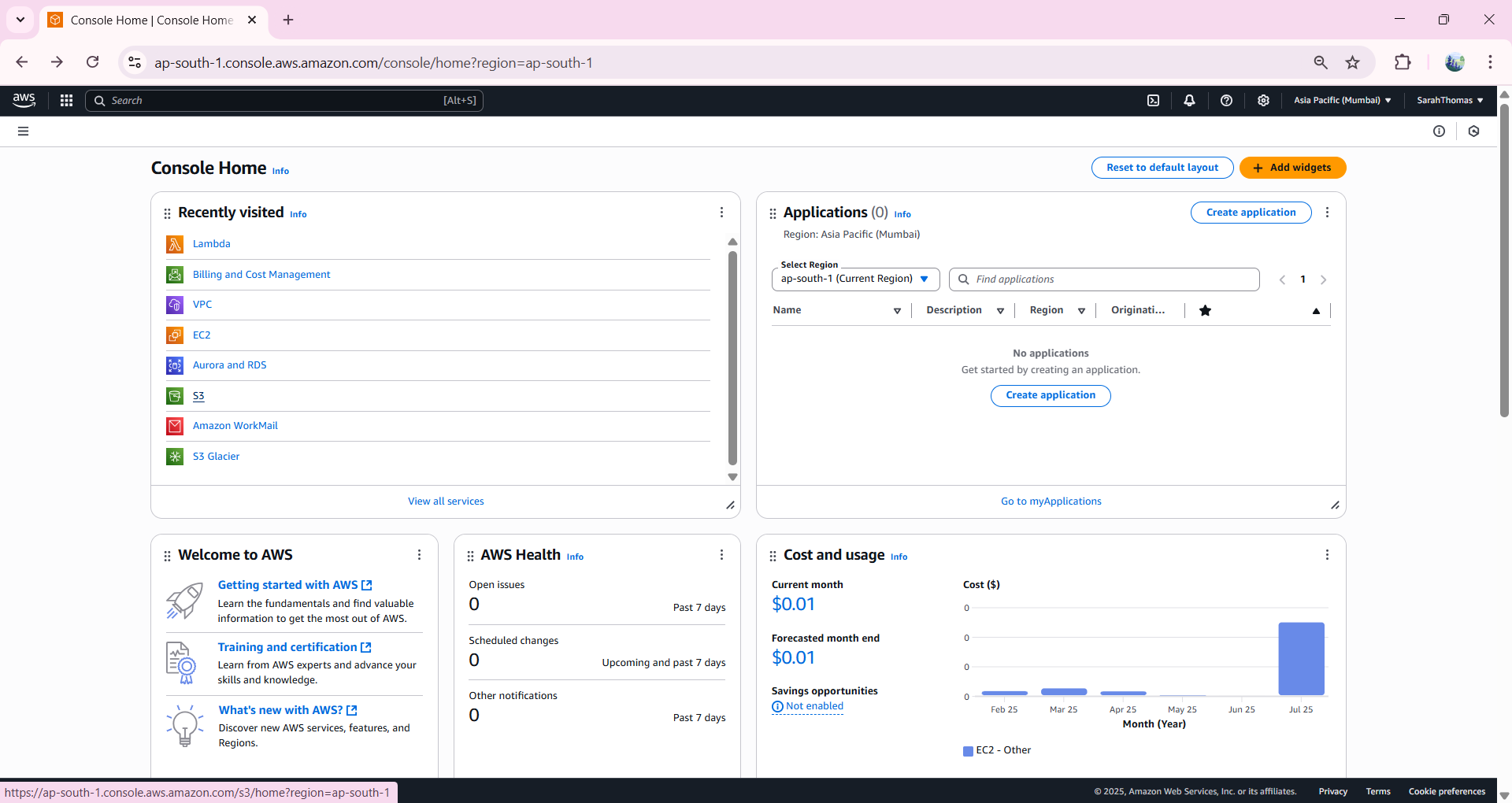


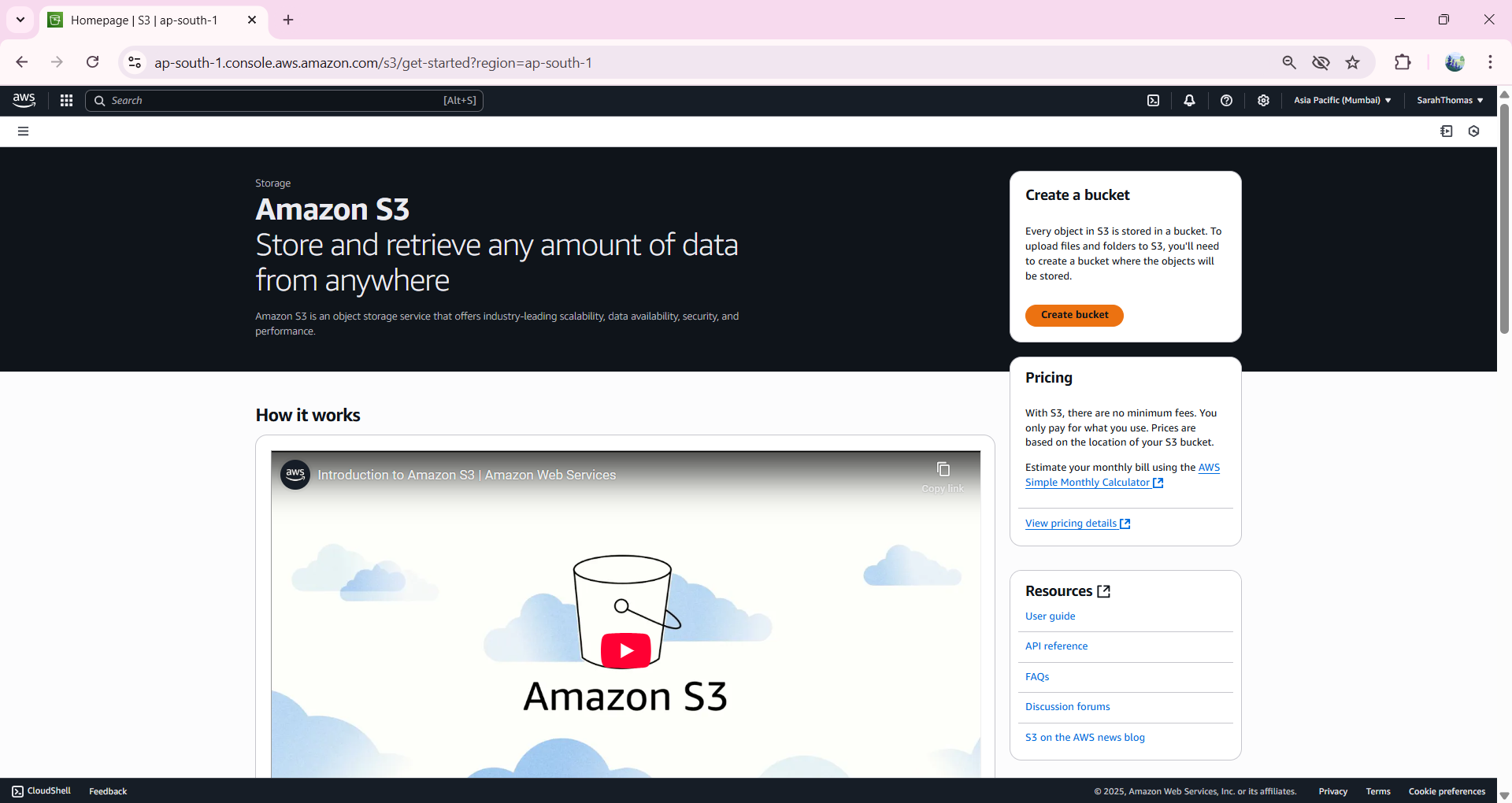
1. Once the duration of the URL is over, its shows like this on our browser.

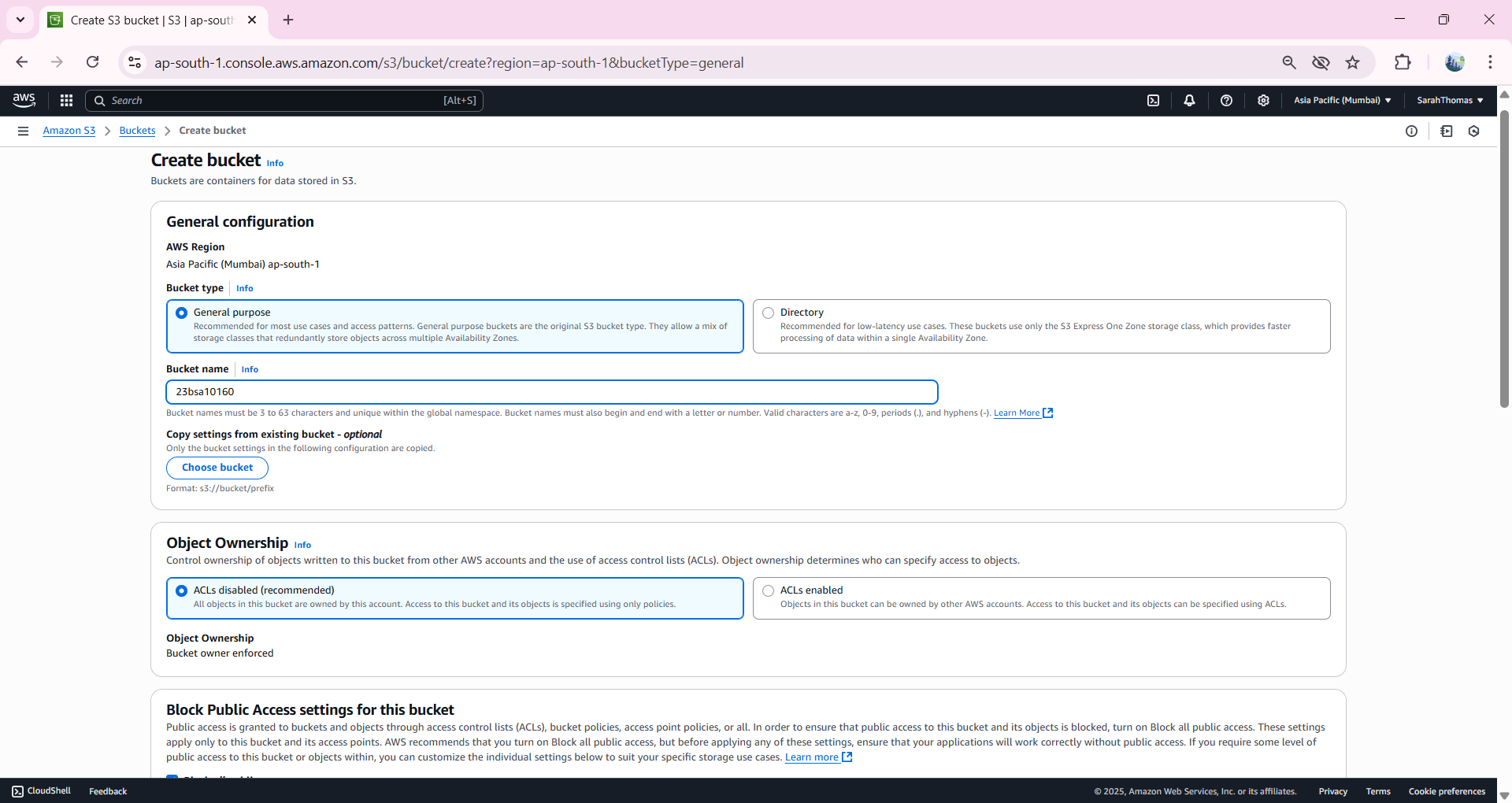
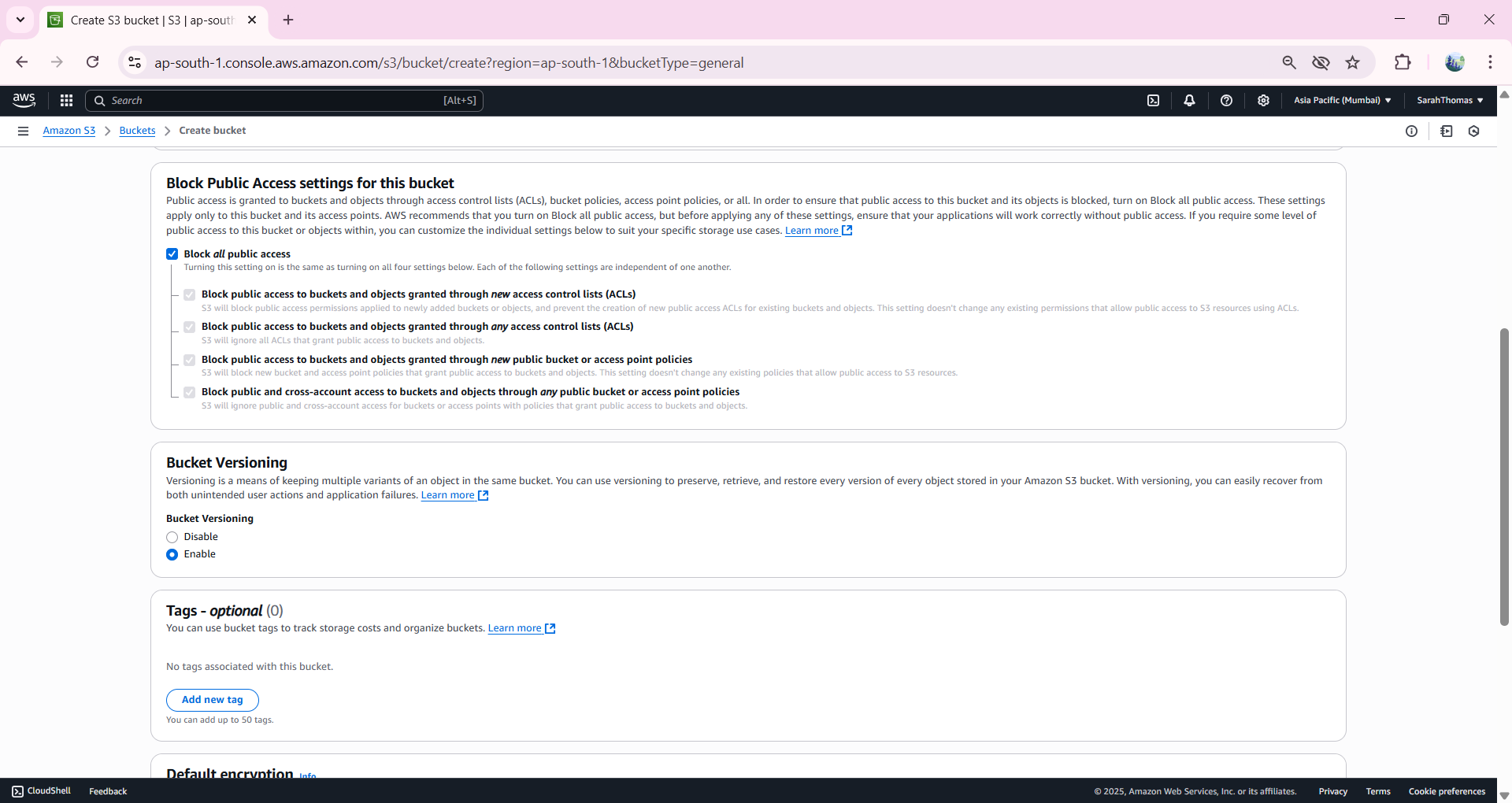
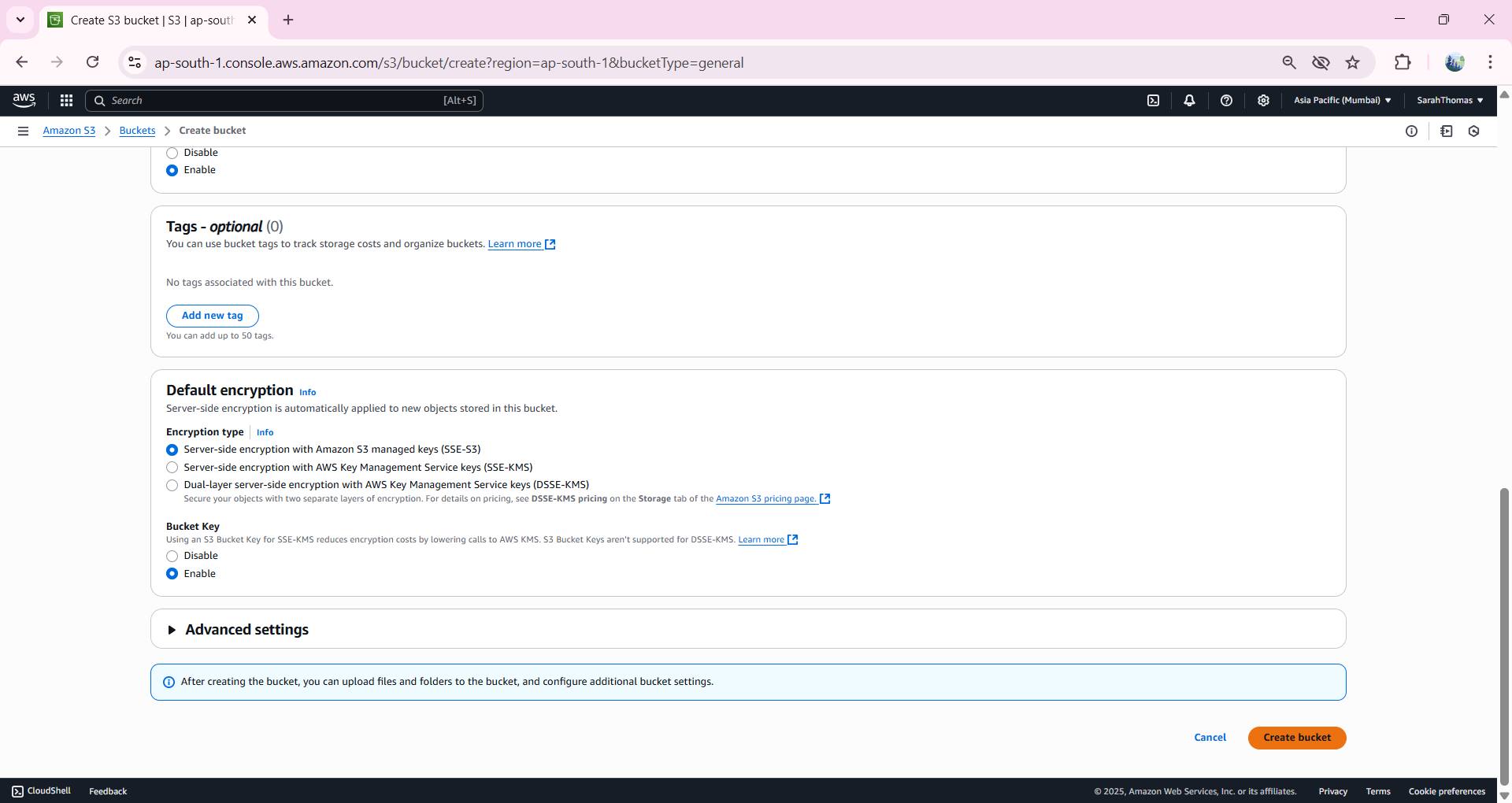
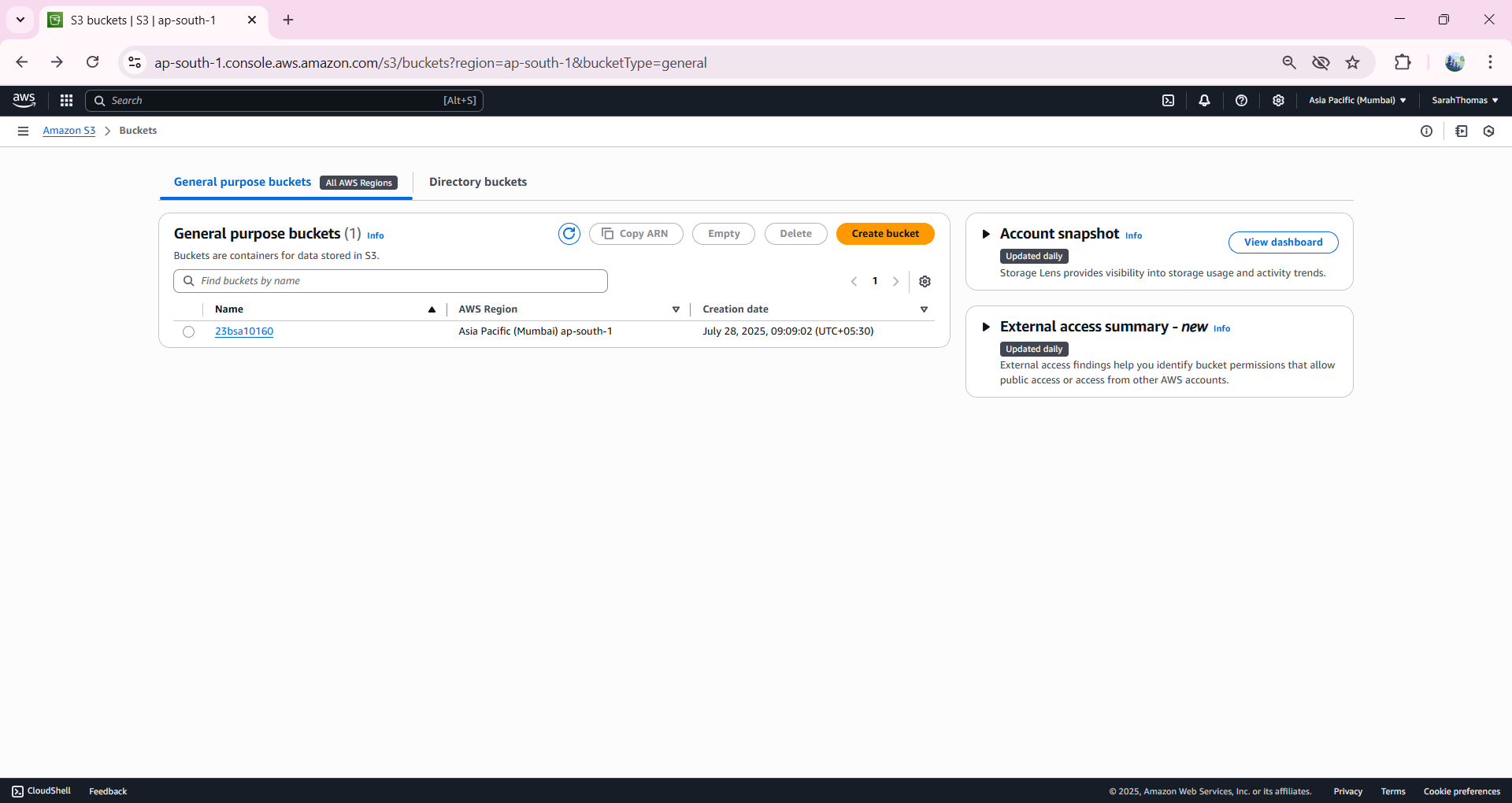
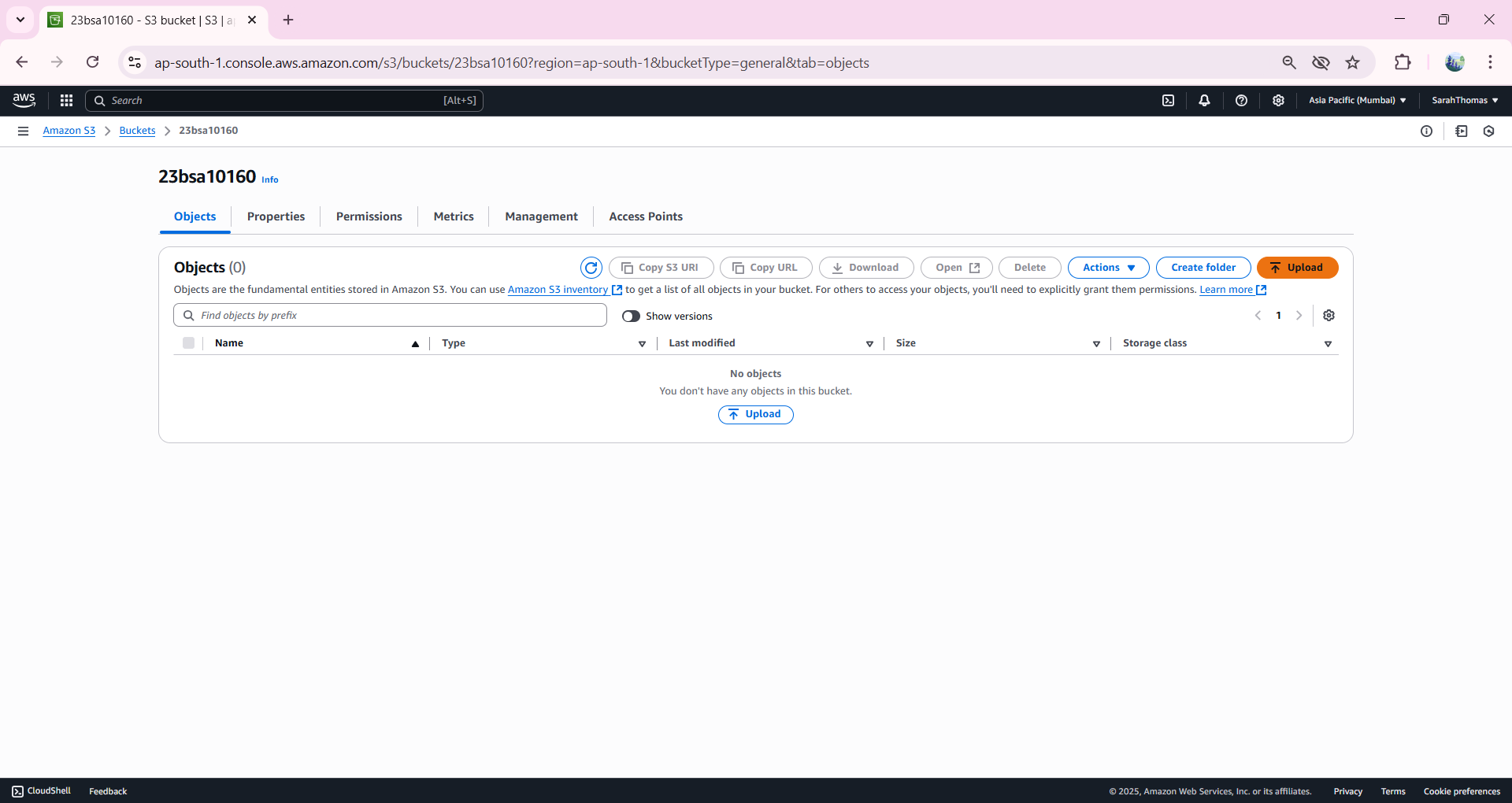
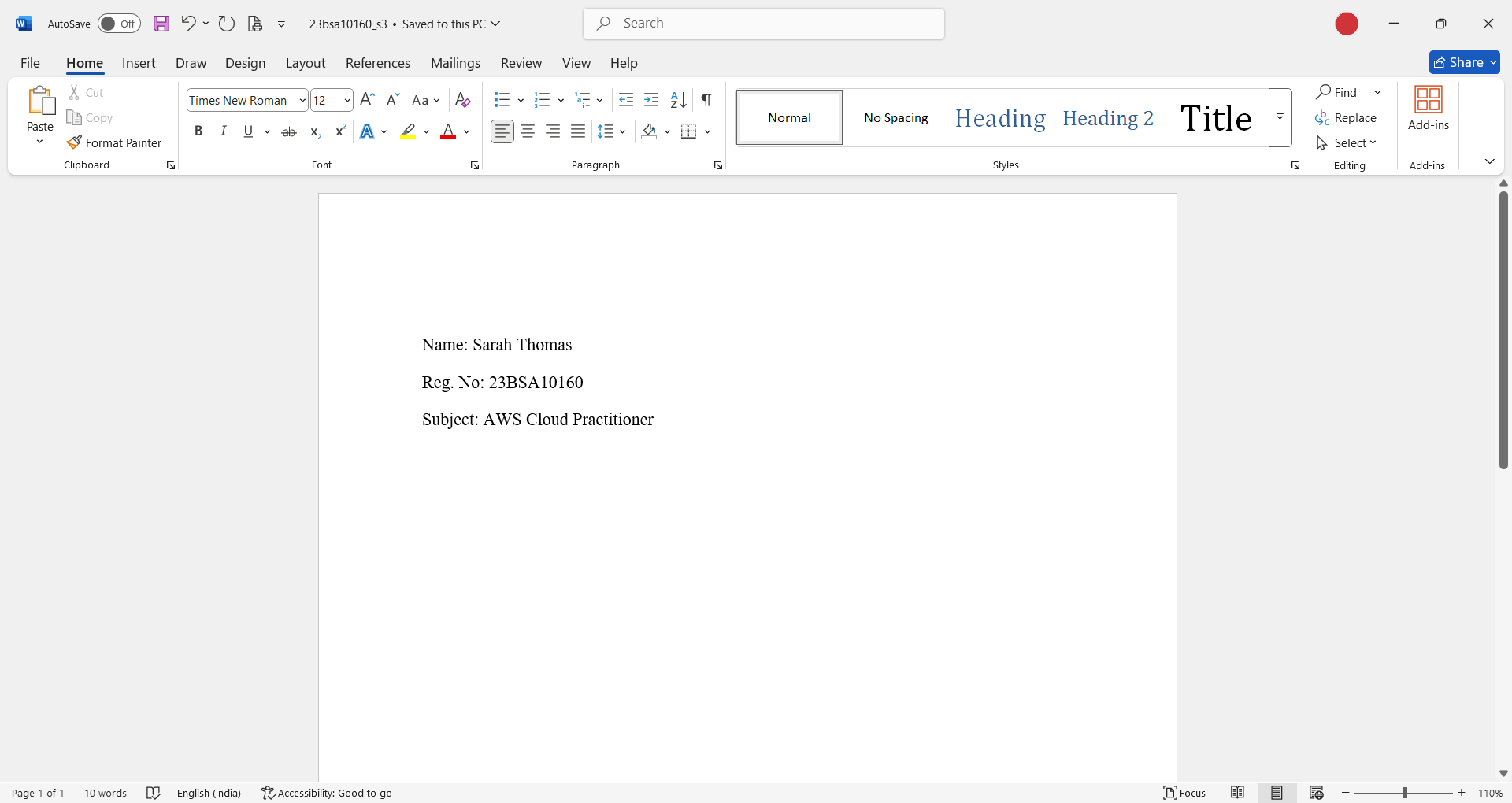
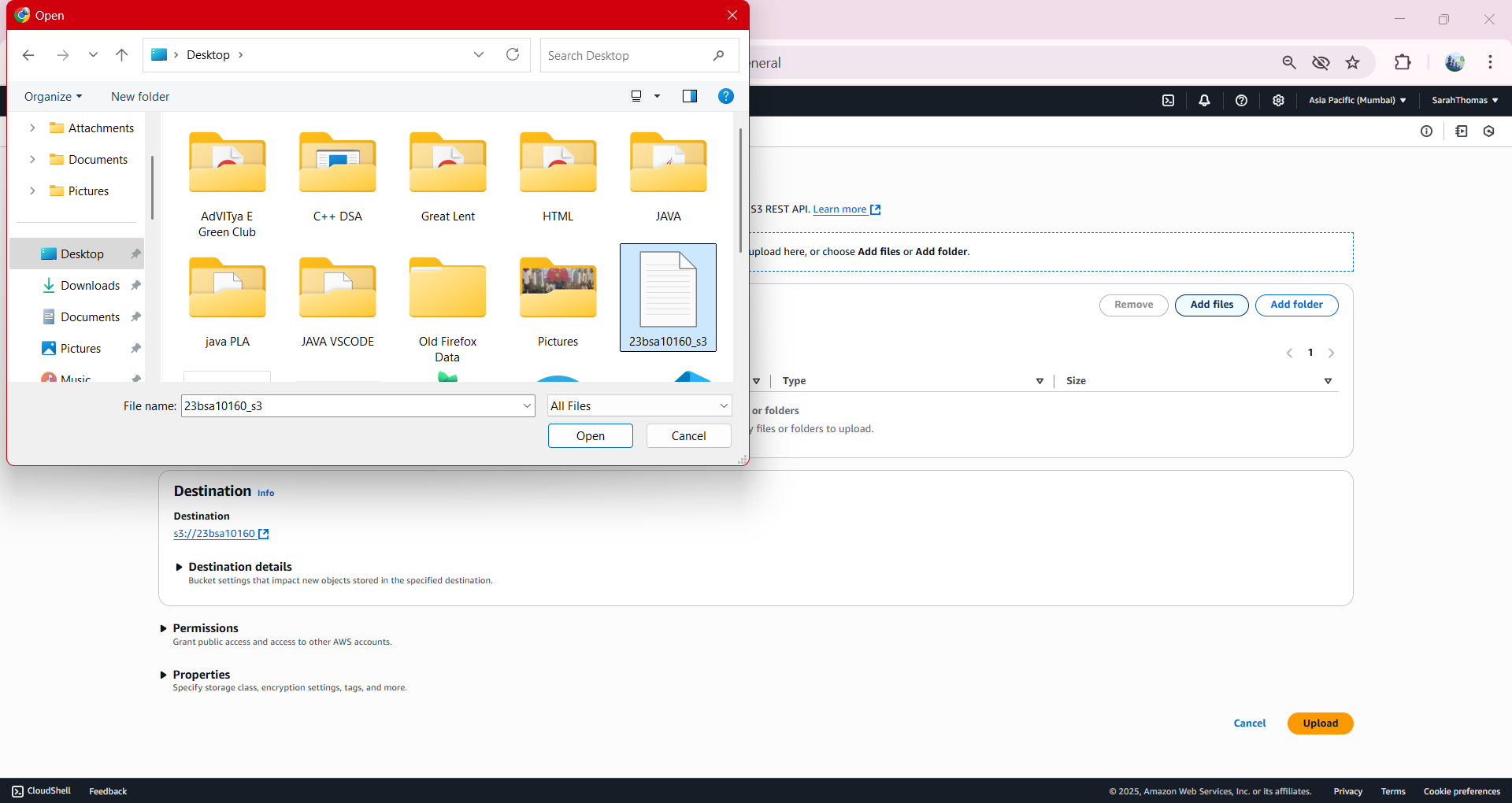
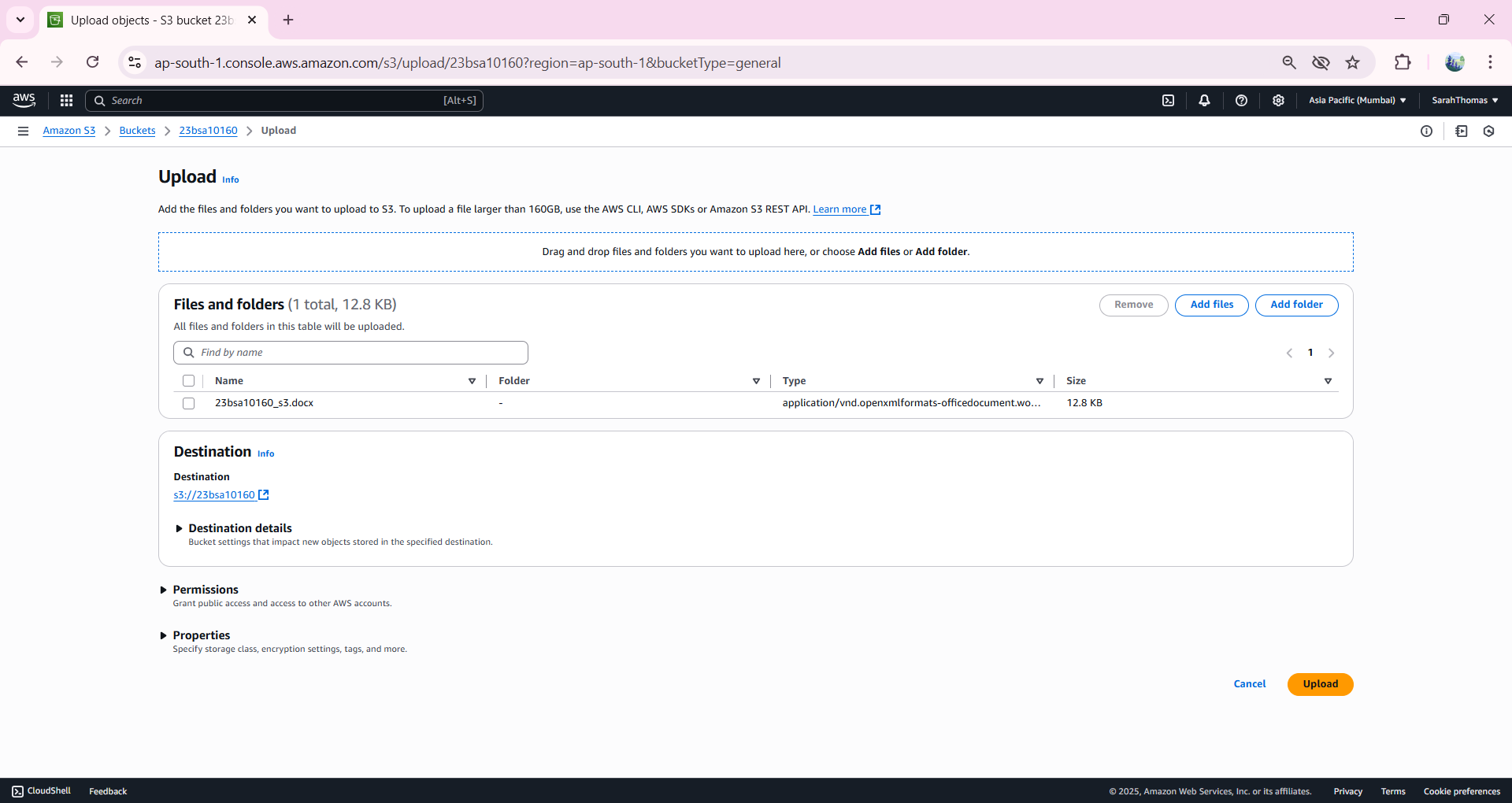
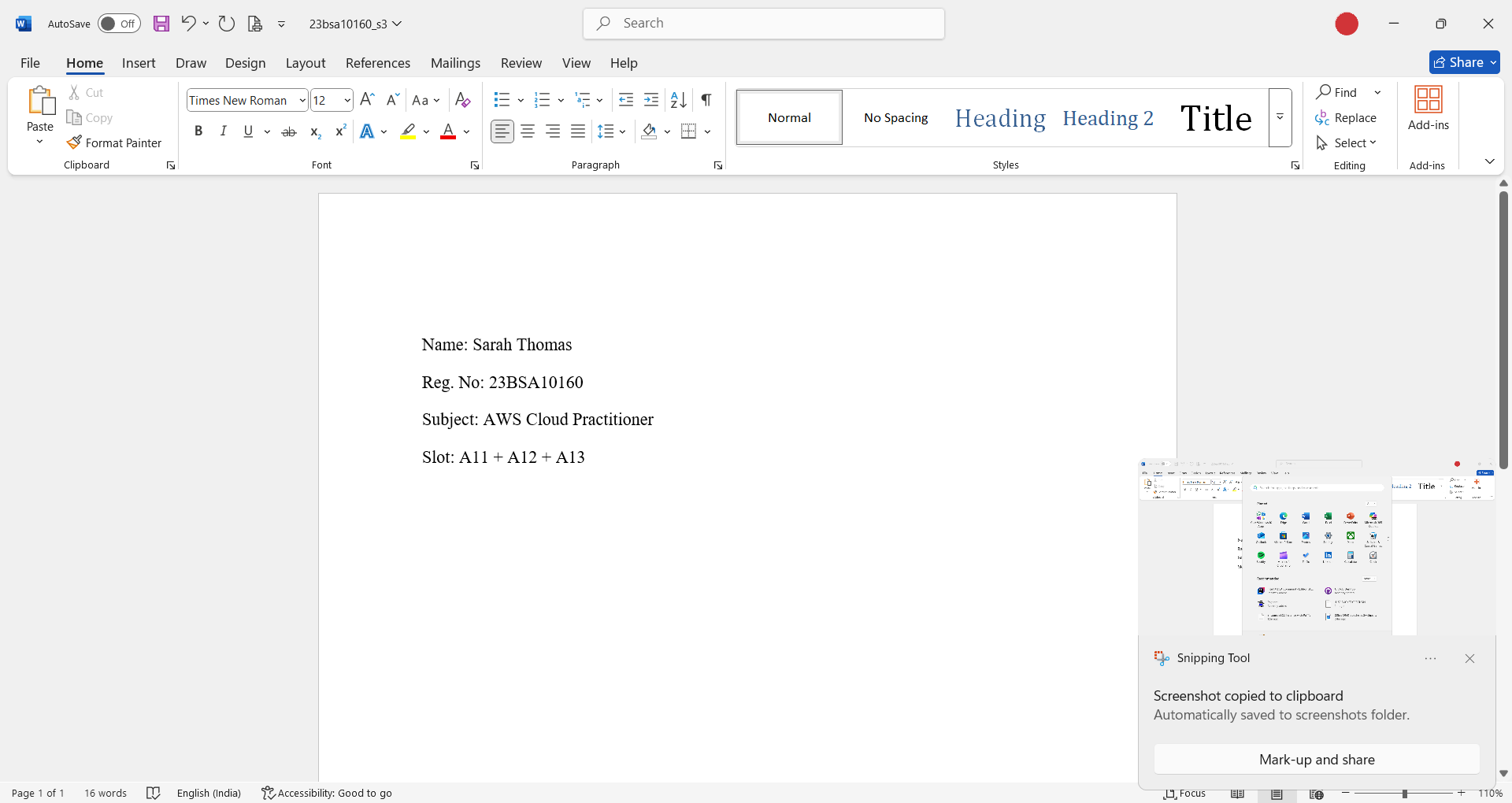
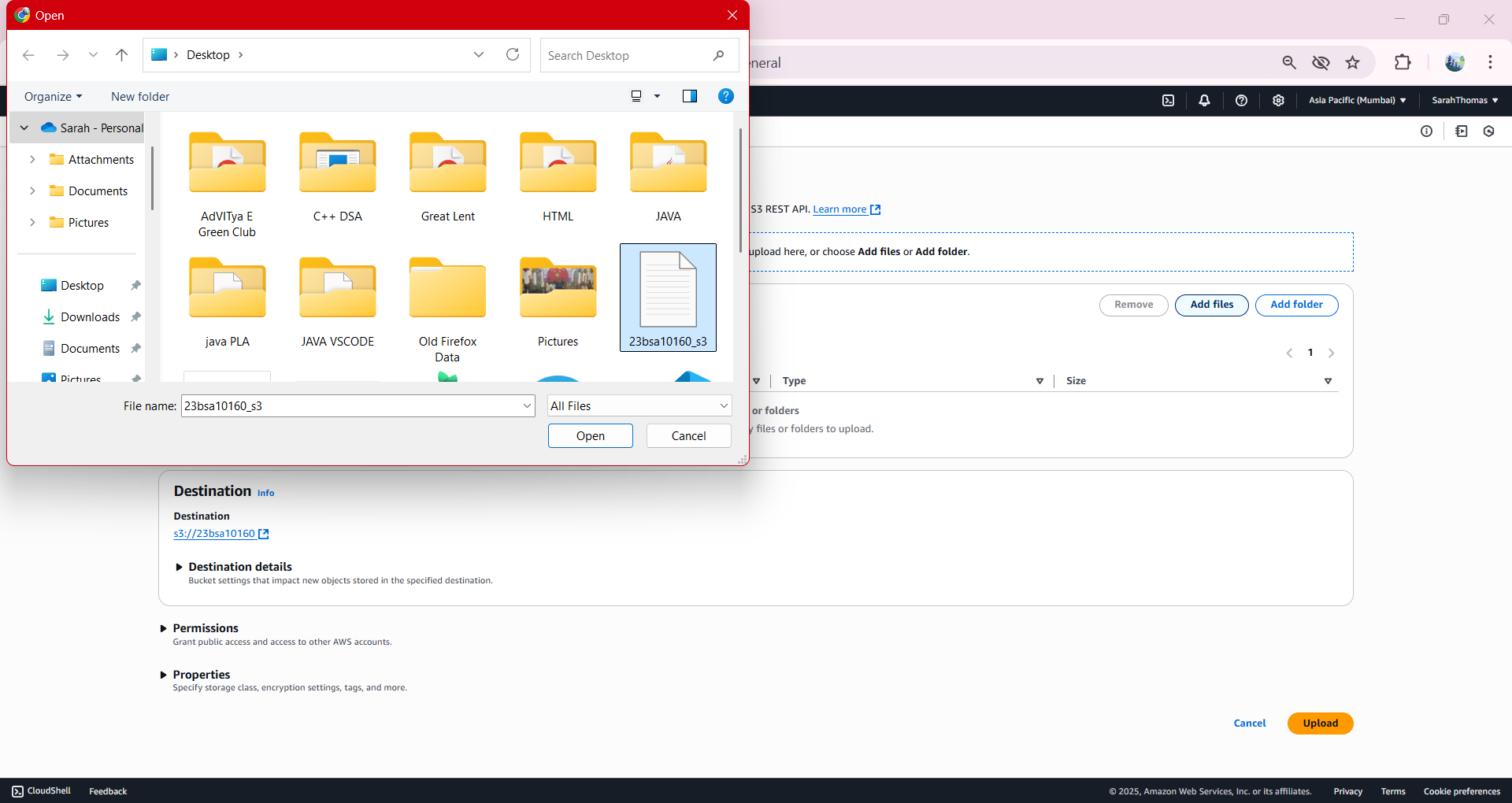
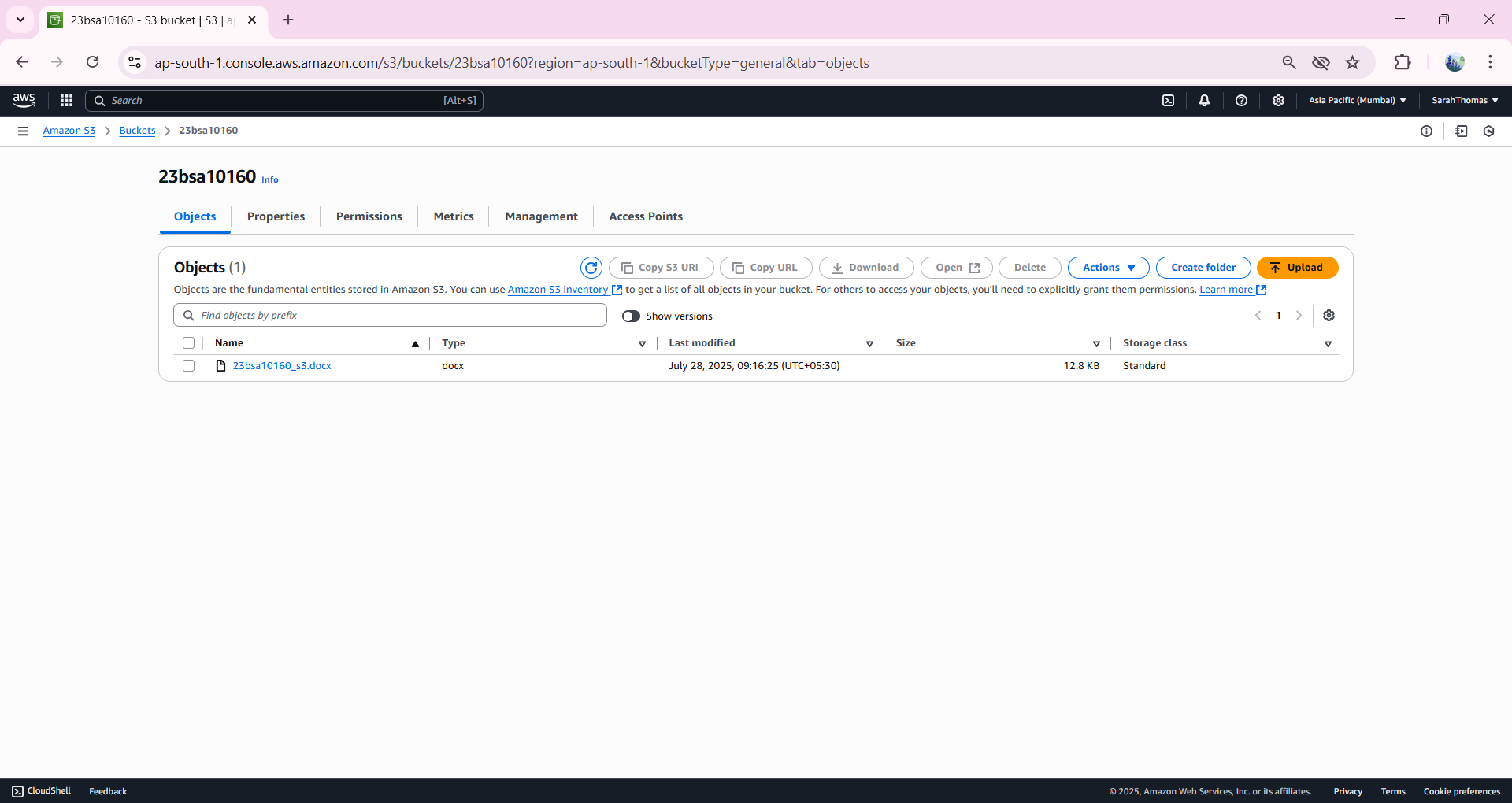
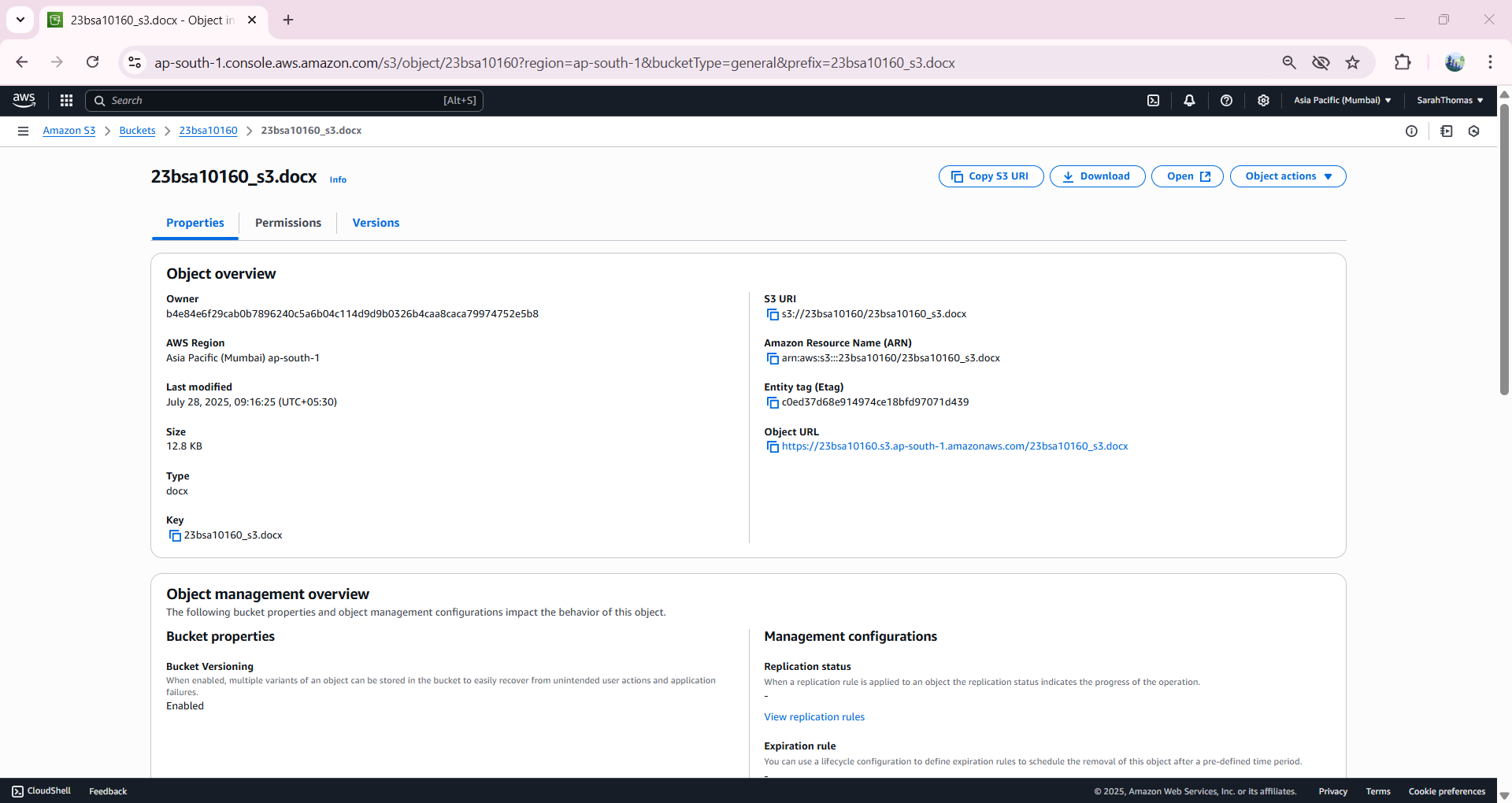


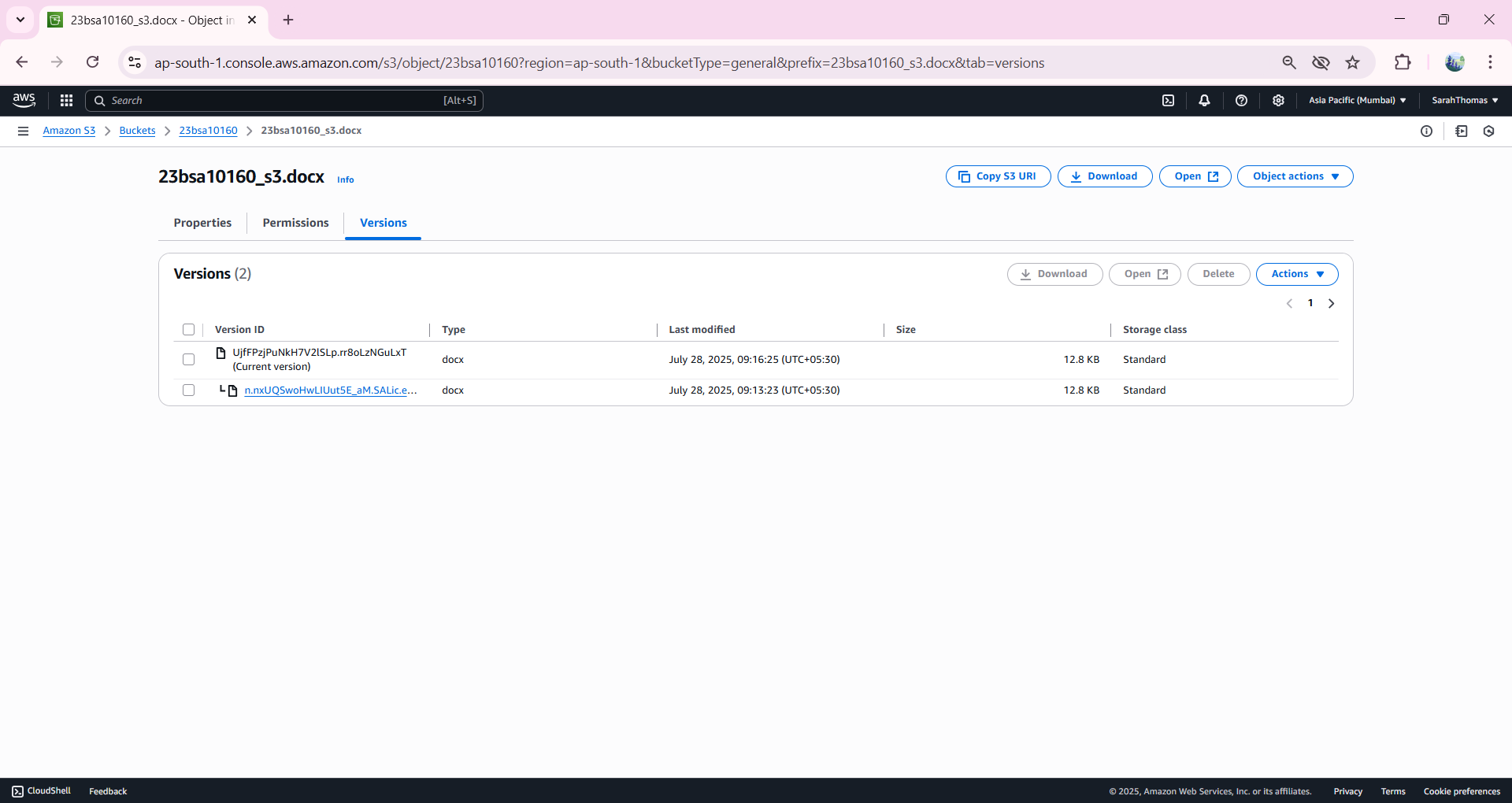
1. Like so we have created a bucket in S3, saved a file and then shared the URL with others.
2. Once the work is done, we must empty the bucket, by deleting the file from the bucket and then deleting the bucket.

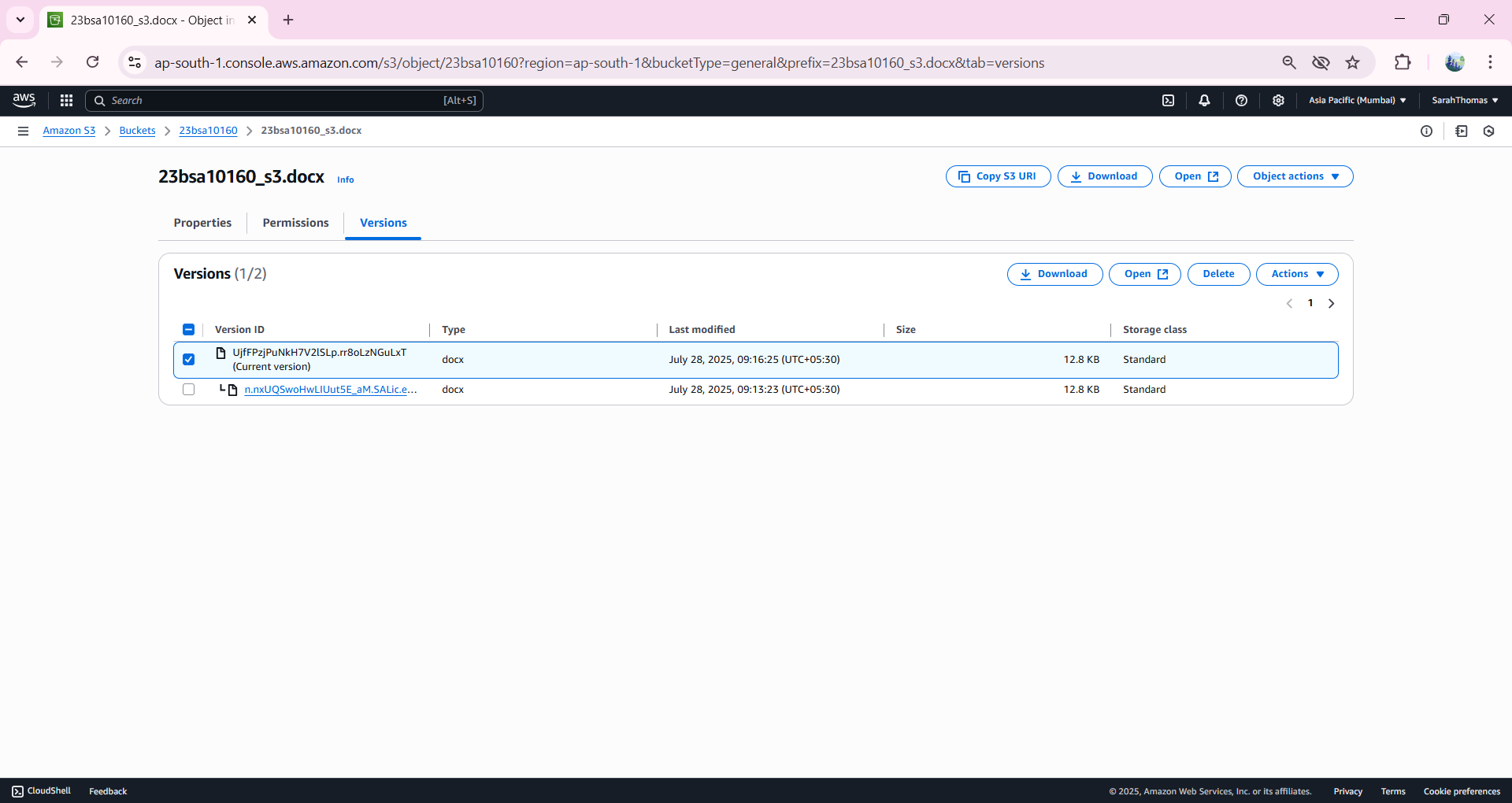
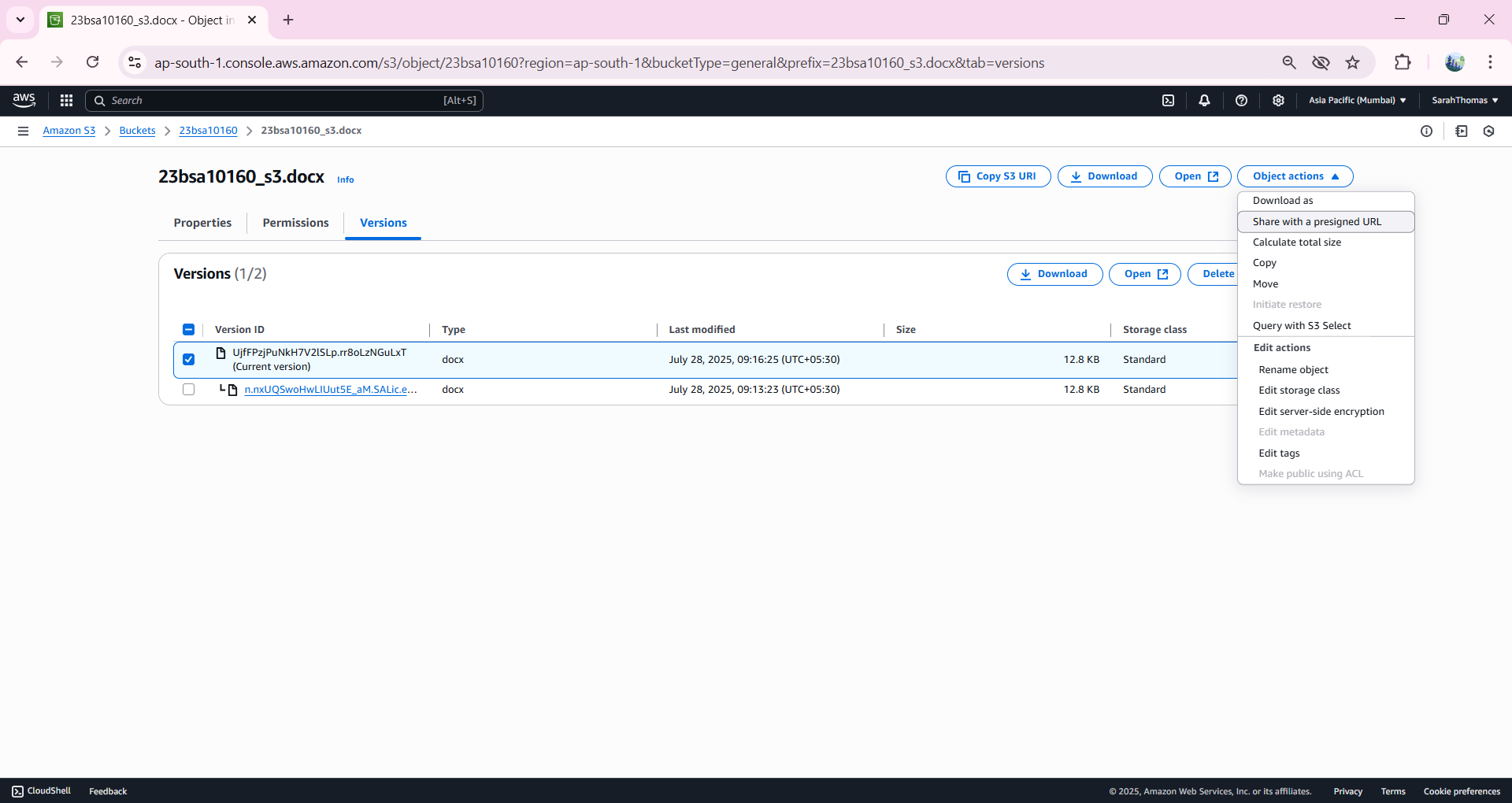
**Creating S3 Bucket by ENABLE Versioning.**

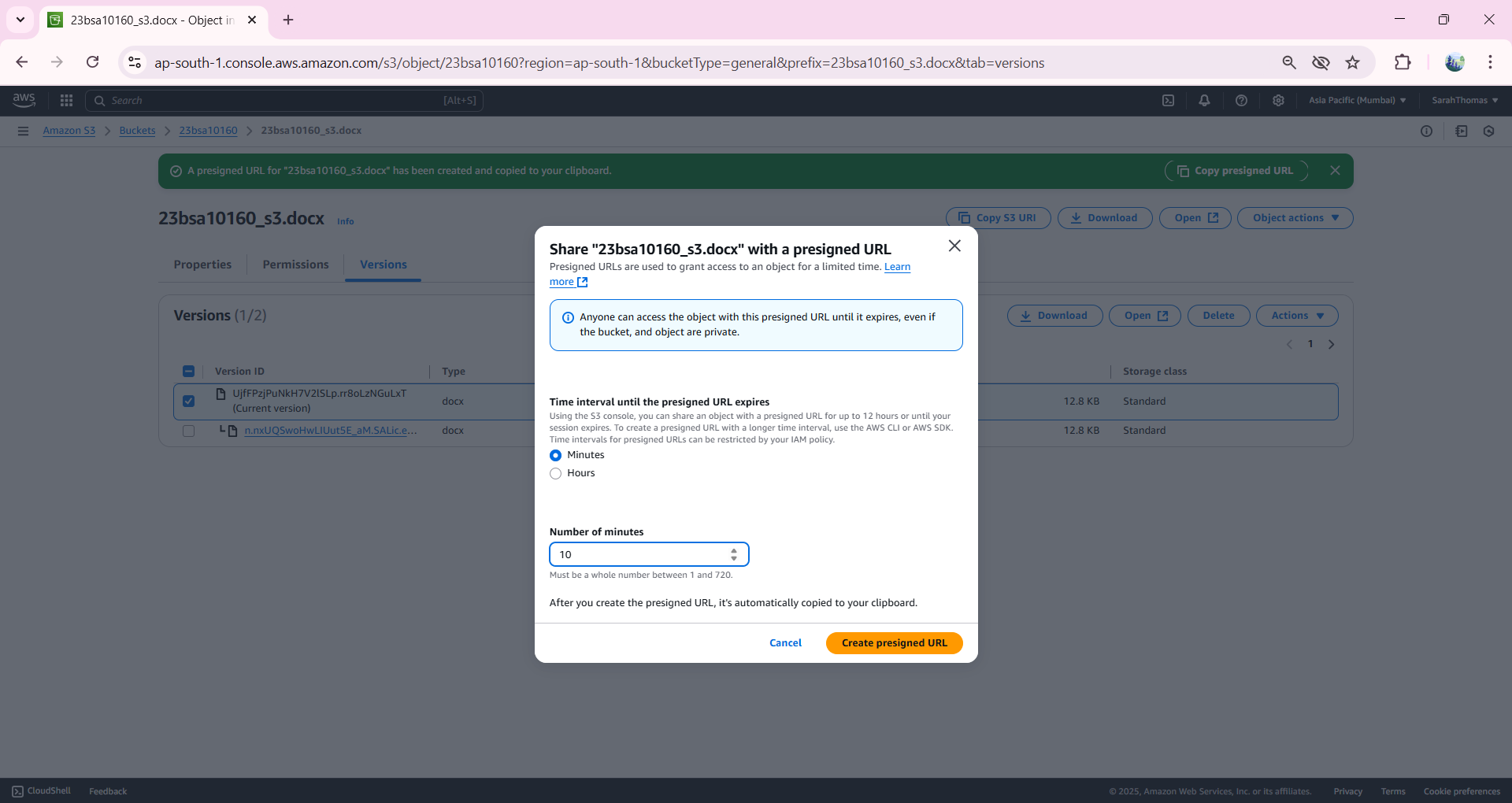
1. Open AWS Console. Navigate and Open S3 from Storage Service.  
   

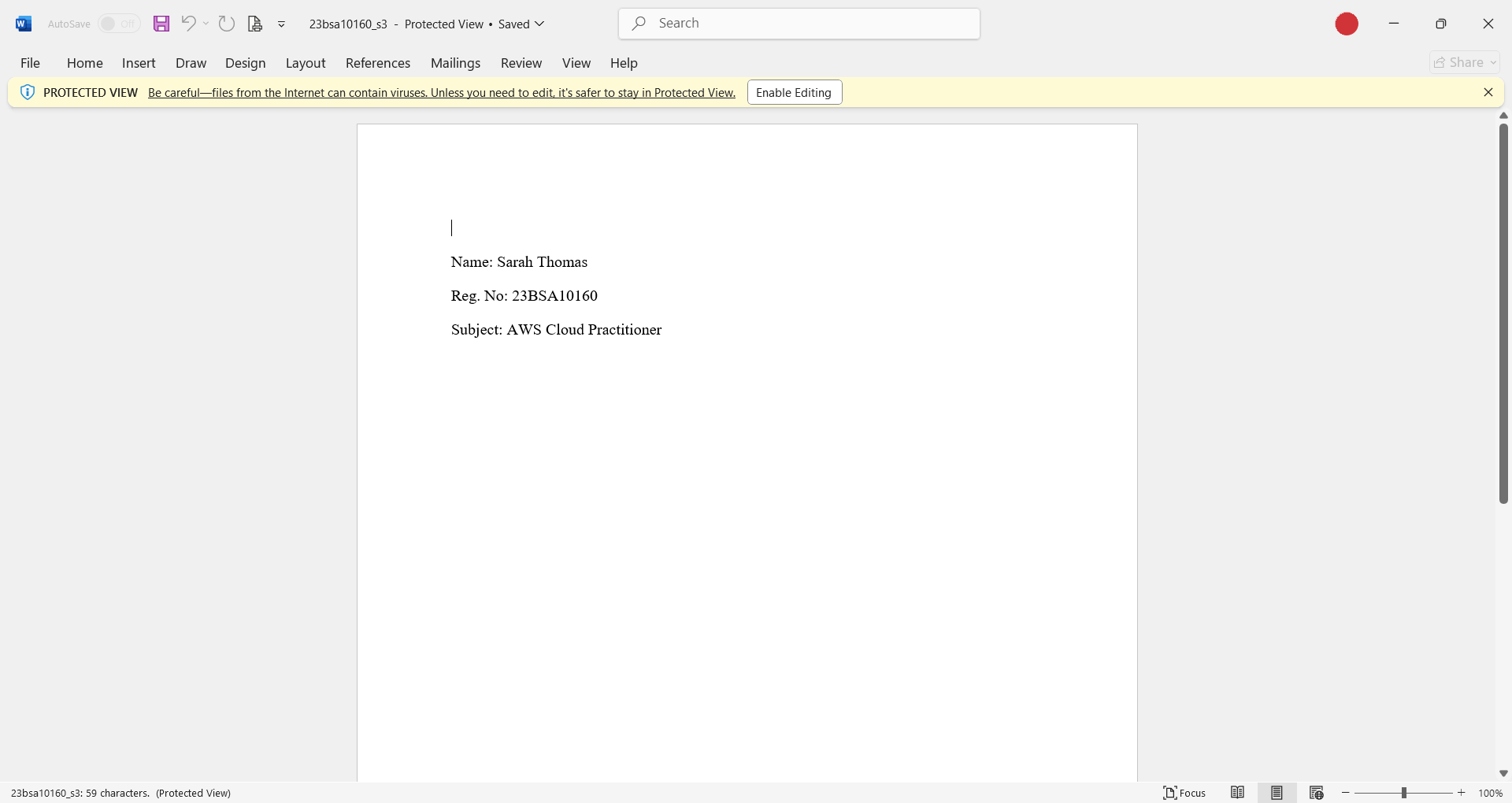


1. Give appropriate name to the bucket.  
   
2. Enable Bucket Versioning and keep rest of the setting by default.  
   
3. Click on Create Bucket.  
   
4. Click on the created Bucket to upload a file.  
   
5. Click on Upload and click on Add files.  
     
     
   
6. Create a sample word file in your system.  
   
7. Click on Add Files and upload that file.  
   
8. Then click on Upload to upload the file.  
   
9. Navigate to the word file that we upload, perform some changes and save the file,  
   
10. Then again open the bucket and upload the same file with modifications and click on Upload file.  
    
11. Now click on the file from the created bucket.  
    
12. Click on Versions. We observe two files with same name, but with different time stamps, which enables us to differentiate between the older and newer file.  
    



1. Click on the latest file, Navigate to Object Actions -> Share presigned URL.  
     
     
   
2. Set the time for 10 minutes and click on Create presigned URL.



1. This is the required presigned URL.  
   https://23bsa10160.s3.ap-south-1.amazonaws.com/23bsa10160\_s3.docx?response-content-disposition=inline&X-Amz-Content-Sha256=UNSIGNED-PAYLOAD&X-Amz-Security-Token=IQoJb3JpZ2luX2VjEFwaCmFwLXNvdXRoLTEiRjBEAiBfP0uAMLgVzIEZ%2FIZb4S6HLc8IiedrDdME7BPM4Gal5AIgUbxc9b6fjLt9RLclDGTQY8THZLYP4O8eLKC9LCabrXsqwgMIhf%2F%2F%2F%2F%2F%2F%2F%2F%2F%2FARAAGgw3Njc4Mjg3Njc3ODIiDNmkYGYHC3NKnPLVySqWA0JGEr9E43%2BI1OZNGysJD0sb%2B1y9wfDrKs7%2BkR1Rn7wR5%2BcCp5bPKCgiYfzrYasXIY%2FXNa2VZ7mi6uC3BLUEcv5j6FcnPLM3%2BP%2FN7FXK3cnle07M44GFn9ocFPj0BxCGfSpcAsFwEpDtOUR4wCFJutQkKBb5f0iesnCEH8tMPC6uPOLzeBrVLEoj6Gp0hEuDHcc2s7VZXqa2xZkMzL1oeRIy4emHfN0BNmvJ4e7K0m3lGi4uuJxexwd%2BrEXUwmMbxDnfdwaKJPvl9A04G1VLHGSndpwJEFlYrVwDd1IhFnFA4rZaP2ogPtC5%2Bg7dnP3MsmufZYllEXiS2m0Sm9uQAyCt5o1pJkX%2BBI%2BztN0352XDI1DCyRrSJegIziO772o6K8VC9Cp3pBBJ7XKmVUqWxGJRdaGXms9OnU1d3EcSqEkcoATq9j%2FOm28KSnLypmTe%2B%2Fkh19Ikgw2VTvPlxYls5t7OlyyBPr%2BOlzCL2lrNg2tNr%2B%2FkcYKx11vIZW2IBNoMtjQ9CbluGSDW1RY85ykDsdPzYHTMxpYwiNSbxAY63wIN2LaZ2yOk8qAEjilo9h%2B6BBXwg6go%2BntoHdFbXZQ39e862TeR4EUwdxeOICW%2BKEwzViKB3TcZJNvLGwEkDf5J%2BlDNWKlqw68hKwvnb8fL0RNumCtjqmAZM7ED0I820S5LoR5Yg1FE%2B0d6m7ZOV6ie13OKMwXvOIk%2FFUjmLEGagwYSMz%2BzqrhyN1SZzeuAdKQSEnMCOF90Ihh6bx1voLgefMajllZ4pqaVUDtC1oKXTHLENkGNDVIkGKVIaOTFNjOq1ajC2cLniGUlz3jo%2FdZrSF0TW3LJdBY5jAqDAVg5Wy3xwGBKizQjzZ5N1KX2dcBGVfiVqDhTUfzvpsR1GkwFaJBVapQBQdYV3AKQzpfmW19w1ZExdlYSJmZbUCu447j7daLsiradSFEsxraA823yI9kCkPohDD5lhikHstZ6v%2FdESzJqVMEjYzGhDOwpwRo2nPsXztgDO2gyjIZZ4d0%3D&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=ASIA3FRRJGQTPQBRLMRF%2F20250728%2Fap-south-1%2Fs3%2Faws4\_request&X-Amz-Date=20250728T035131Z&X-Amz-Expires=600&X-Amz-SignedHeaders=host&X-Amz-Signature=4cac755c38d74e62198facdafa7e30510395f506b642a2fdf49f827911657ff0
2. This is how the file look like when opened through the URL.  
   
3. Once done, empty the bucket and delete the bucket.  
   