Nome: Sawabh Chardhon Roll: A005 Cloud Computing - Practical 2 PAGE NO. \$ 53 Storage :-Amazon Simple Storage Senice (53) is a musically scalable storage senices based on object storage technology. It provides a very tight level of climability with high availability and high performance Dato can be accessed hom conjulare is a Internet through Amazon conside and povertil API. 53 storage provides key Scatters: Buckets - Data is stored in Buket.

Fach buled can stone unlimited amount.

of instructive data 2) Elastir scalability - 53 has no storage limit. 3) Flexible data stratur - Each object is identified using enique key and we can see metadata. 4) APJ - The S3 Api provided both as REST and SOAP interfact has become an industry standard. 5) Permission: - Assign permission at the bulget.

3 secasis

1) Backup and Archeival

One of the primary be case for S3 storage is backup and archival organization can leaverage 53 devability and valubility to ensure the safety and longething of their data.

Safety and longething of their data.

Sis reclindant archiers and distributed data storage make it possible to stor critical data that needs to be accessed quickly 8 securely

2) Contest Distribution

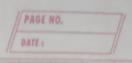
By leveraging S3 global network of edge location, context creators can distribute their kiles uslandersly to end users, reducing latery and imprisoring user experience S3 integrates and content deliver network (CDN) home

3) Big Data and Analytics

Sis low cost storage object make it suitable for storage large volumes row data.

Organizations can argest data from various sources ento Sis, inductating lag files, serve data and social media feeds.

It integrals with spacks tradoop and Apache spack enables business to produce and analyse to data at scale.



Common Use Cases:- 1 months to mitted

2) Data Analytics: Process and analyse large dataset and build machine learny model.

Aus Offers many different book & products for enterprise and software developers in because it provides a range of offering the endividual as well as publice 8 private sector

4) Amazon EC2

Amazon Elastic Compute Cloud (EC2) provides on demand scalable computing capacity in Aws Cloud.

Using EC2 reclices hardware cost so you con use Amason EC2 to fair develop and deploy application faster.

then you punch on ECZ insterner the insterner trype that you specify determine hardware available to your insterner.

PAGE NO. @ Steps For s3 follow their steps to create a buchd in your Amazon simple storage sensies. 1) log on to your Aws console If you don't have an account you can create it for here as Amaron provids as 1 - year free tier to its new users. 2) In the search box located at the top of yours Aws console "search Amazon 33" 2) Click on "53 - Scalable storage in cloud and proceed firstler. pop up where you have to enter the detail and configure your budget. some ples her naming a budget in S3

- should be unique across all S3 buched

- No of most be bet 3 8 63 above loss - Nome must be bet 3 8 63 chara long
- Buchits name can consist only of lower cases.
- Should not end with 33 alias 6) Choose on Aws region nearest to your location or where you want your data to reside. In Buchet ussoning category chouse diabled buhd versoning is helpfut when we want to.

CLOUD COMPUTING - PRACTICAL 2

Name: Saurabh Chaudhari

Roll no:- A005

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AWS Organizations settlings

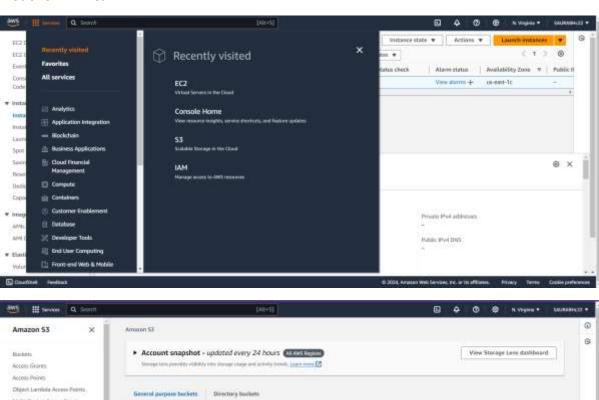
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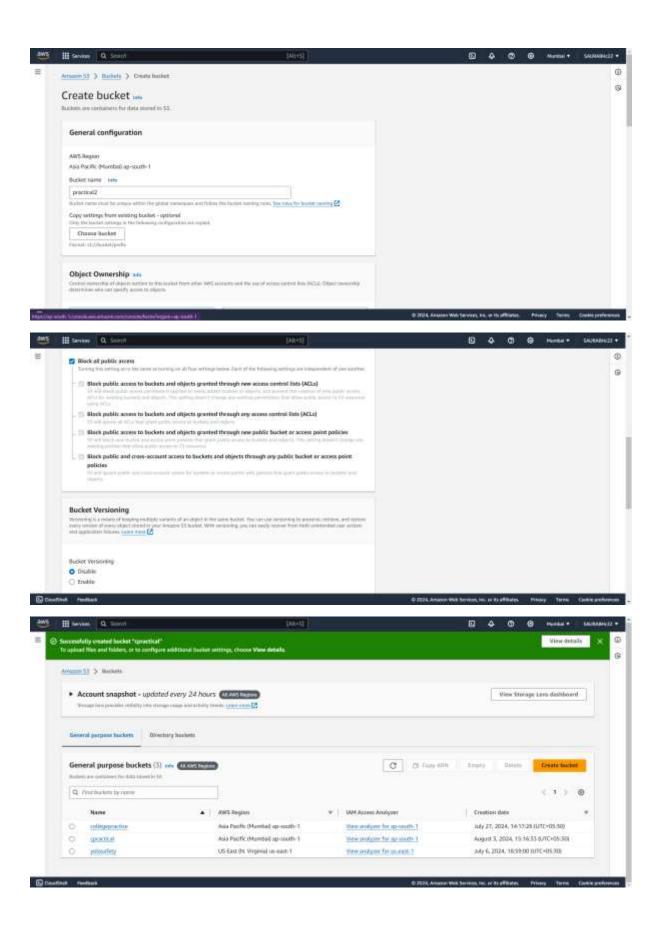
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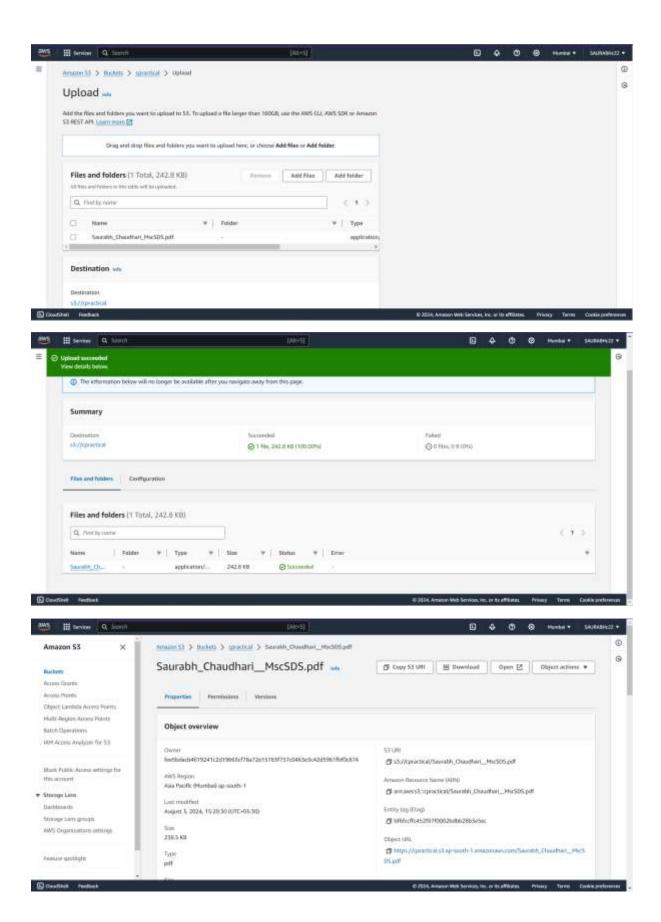
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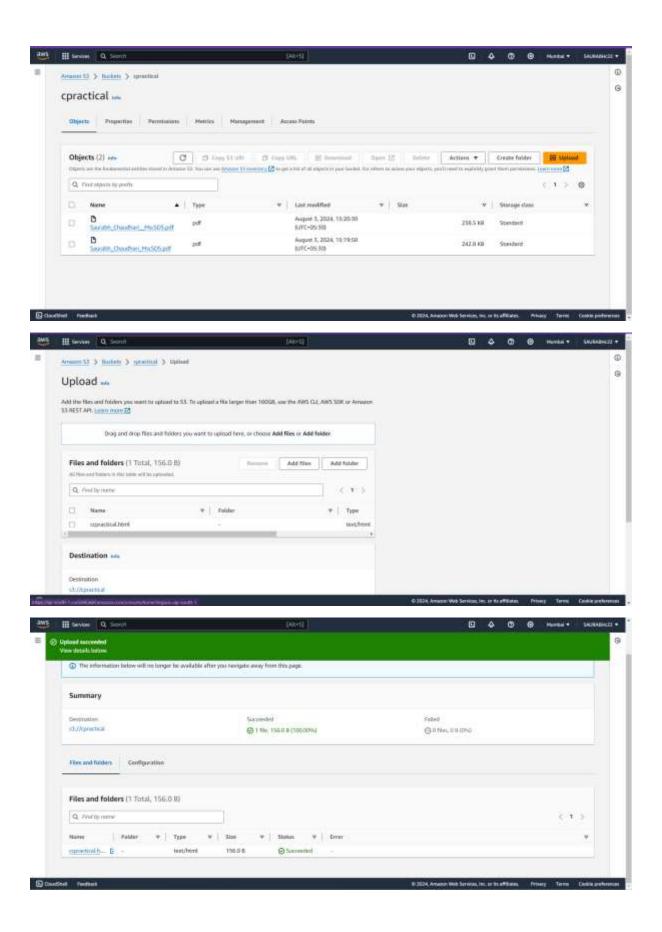
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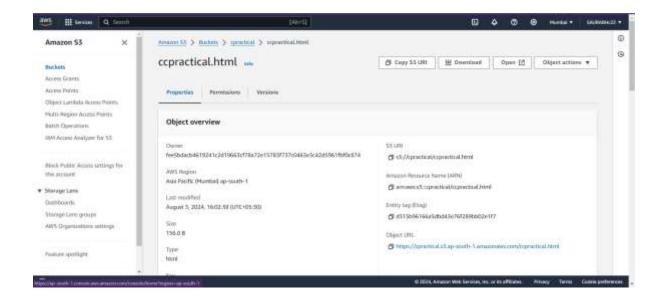
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