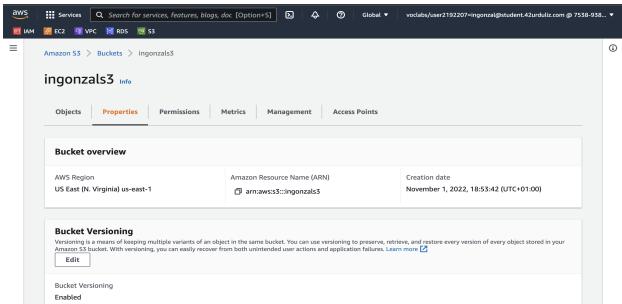


Caso Práctico: Redes y Computación en AWS

Tarea 1:

- S3 Zona Virginia -

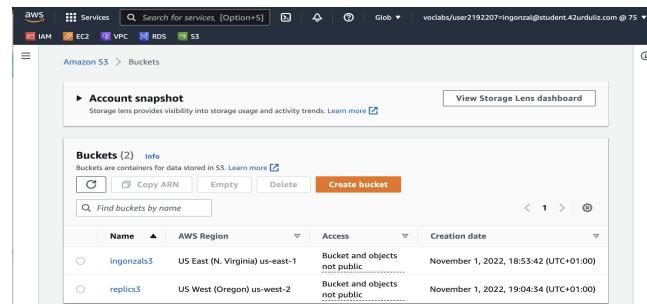


The screenshot shows the AWS S3 console with the 'Properties' tab selected for the 'ingonzals3' bucket. Key details include:

- AWS Region:** US East (N. Virginia) us-east-1
- Amazon Resource Name (ARN):** arnaws3:ingonzals3
- Creation date:** November 1, 2022, 18:53:42 (UTC+01:00)

Bucket Versioning is enabled.

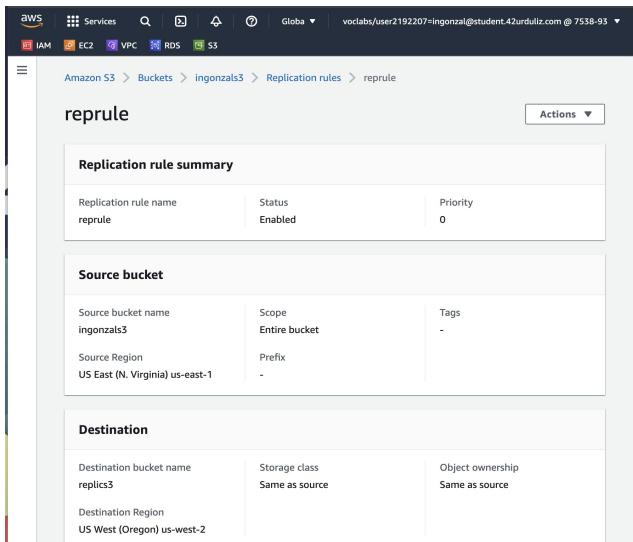
- S3 Replica Zona oregon -



The screenshot shows the AWS S3 console with the 'Buckets' list. It displays two buckets:

Name	AWS Region	Access	Creation date
ingonzals3	US East (N. Virginia) us-east-1	Bucket and objects not public	November 1, 2022, 18:53:42 (UTC+01:00)
replicas3	US West (Oregon) us-west-2	Bucket and objects not public	November 1, 2022, 19:04:34 (UTC+01:00)

- S3 Replication Rule -



The screenshot shows the AWS S3 console with the 'Replication rules' section for the 'ingonzals3' bucket. The 'rerule' rule is configured as follows:

- Replication rule summary:** Name: rerule, Status: Enabled, Priority: 0.
- Source bucket:** Source bucket name: ingonzals3, Scope: Entire bucket, Source Region: US East (N. Virginia) us-east-1.
- Destination:** Destination bucket name: replicas3, Storage class: Same as source, Object ownership: Same as source, Destination Region: US West (Oregon) us-west-2.

- * Da error para los objetos que ya esten en el bucket por no tener un iam role adecuado -

The screenshot shows the AWS S3 Batch Operations interface. A single job named "us-east-1" has been created and is listed as Failed. The job details show it was created on November 1, 2022, at 19:23:35 UTC+01:00, and it replicated objects from one location to another. The status indicates 0% completion with 0 failed objects.

Job ID	Status	Description	Operation	Date created	Total objects	% Complete	Total failed (rate)	Priority
a45e5bc1-b3ed-4af2-a92e-9c61654a7d07	Failed	2022-11-01 -	Replicate	November 1, 2022, 19:23:35 (UTC+01:00)	0	0%	0 (0%)	10

- Detalle de las versiones en origen -

The screenshot shows the AWS S3 Buckets console for the bucket "ingonzals3". It displays four objects: "1.png", "L1.png", "aws-compare-support-plans.png", and "L aws-compare-support-plans.png". The "aws-compare-support-plans.png" object has two versions listed, showing different modification times and sizes. The "L" prefix indicates a previous version of the file.

Name	Type	Version ID	Last modified	Size	Storage class
1.png	Delete marker	7jDPL19MqJSHW1bEX_N7BGwE6Dd69HF	November 1, 2022, 20:27:32 (UTC+01:00)	0 B	-
L1.png	png	pb5FAxHOEytknp671.nEBvNT.gOLWF	November 1, 2022, 19:25:16 (UTC+01:00)	278.3 KB	Standard
aws-compare-support-plans.png	Delete marker	wjmYVWVY8XOOnOy8HlhlAe4a1A4RV4	November 1, 2022, 20:27:32 (UTC+01:00)	0 B	-
L aws-compare-support-plans.png	png	GorfK_yvk2zd_q0fOcn6USeDGFnJWpW	November 1, 2022, 18:59:54 (UTC+01:00)	97.4 KB	Standard

- Replica realizada-

The screenshot shows the AWS S3 Buckets console for the bucket "replics3". It displays a single object, "1.png", which is a png file. This represents the replicated version of the object from the origin bucket.

Name	Type	Last modified	Size	Storage class
1.png	png	November 1, 2022, 19:25:16 (UTC+01:00)	278.3 KB	Standard

Tarea 2:

- Lifecycle configuration -

The screenshot shows the 'Lifecycle configuration' page for the 'Ingonzals3' bucket. It displays a table of lifecycle rules with one entry:

Lifecycle rule name	Status	Scope	Current version actions	Noncurrent versions actions	Expired object delete markers	Incomplete multipart uploads
Standard-IA & Delete365	Enabled	Entire bucket	Transition to Standard-IA, then expires	Permanently delete	-	-

- Edit lifecycle rule -

The screenshot shows the 'Edit lifecycle rule' dialog for the 'Standard-IA & Delete365' rule. It includes sections for rule configuration, actions, transitions, expiration, and permanent deletion.

Lifecycle rule configuration:

- Rule name: Standard-IA & Delete365
- Scope: Apply to all objects in the bucket
- Warning: If you want the rule to apply to specific objects, you must use a filter to identify those objects. Choose "Limit the scope of this rule using one or more filters".
- Acknowledgment: I acknowledge that this rule will apply to all objects in the bucket.

Lifecycle rule actions:

- Move current versions of objects between storage classes
- Move noncurrent versions of objects between storage classes
- Expire current versions of objects
- Permanently delete noncurrent versions of objects
- Delete expired object delete markers or incomplete multipart uploads

Transition current versions of objects between storage classes:

- Storage class transitions: Standard-IA
- Days after object creation: 60

Expire current versions of objects:

- Days after object creation: 364

Permanently delete noncurrent versions of objects:

- Days after objects become noncurrent: 1
- Number of newer versions to retain - Optional: 0

Review transition and expiration actions:

Current version actions	Noncurrent versions actions
Day 0 • Objects uploaded	Day 0 • Objects become noncurrent
Day 60 • Objects move to Standard-IA	Day 1 • 0 newest noncurrent versions are retained • All other noncurrent versions are permanently deleted
Day 364 • Objects expire	

Buttons at the bottom: Cancel, Save.

- lifecycle rule configuration details -

The screenshot shows the AWS S3 Lifecycle Configuration page for the bucket 'ingonzals3'. The rule is named 'Standard-IA & Delete365' and is set to 'Enabled' with a scope of 'Entire bucket'. It has no prefix or object tags defined. The minimum object size is 0 and the maximum object size is infinity. The rule transitions objects from Standard storage to Standard-IA after 60 days and then deletes them after 364 days.

Lifecycle rule configuration		
Lifecycle rule name Standard-IA & Delete365	Prefix -	Minimum object size -
Status Enabled	Object tags -	Maximum object size -
Scope Entire bucket		

Review transition and expiration actions	
Current version actions Day 0 <ul style="list-style-type: none">Objects uploaded ↓ Day 60 <ul style="list-style-type: none">Objects move to Standard-IA ↓ Day 364 <ul style="list-style-type: none">Objects expire	Noncurrent versions actions Day 0 <ul style="list-style-type: none">Objects become noncurrent ↓ Day 1 <ul style="list-style-type: none">0 newest noncurrent versions are retainedAll other noncurrent versions are permanently deleted

Delete expired object delete markers or incomplete multipart uploads

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