

Introducción al servicio de almacenamiento simple de Amazon (S3)

Detalles del laboratorio

1. Esta práctica de laboratorio lo guiará a través del Servicio de almacenamiento simple de Amazon. Amazon S3 tiene una interfaz web sencilla que puede utilizar para almacenar y recuperar cualquier cantidad de datos (en cualquier momento) desde cualquier lugar de la web. En esta práctica de laboratorio, demostraremos AWS S3 creando un depósito de S3 de muestra, cargando un objeto en el depósito de S3 y configurando la política y el permiso del depósito.

Tareas

1. Inicie sesión en la Consola de administración de AWS.
2. Cree un depósito S3.
3. Cargue un objeto en S3 Bucket.
4. Acceda al objeto en el navegador.
5. Cambie los permisos de los objetos de S3.
6. Configure la política y el permiso del depósito y pruebe la accesibilidad del objeto.

Case 1: Make Object Public



Users able to accessing the Image because Object has public Access permission



Bucket: Private (No Public Access)
Object: Public Access

Case 2: Make Bucket Public



Users able to accessing the Image because bucket has public Access permission



Bucket: Public Access
Object: Public Access (Automatically enabled on all the objects)

Haga clic en Create Bucket

The screenshot shows the AWS S3 console with the URL s3.console.aws.amazon.com. A banner at the top says "Learn how to effectively use the S3 Storage Classes. Learn more". Below it, a message says "We've temporarily re-enabled the previous version of the S3 console while we continue to improve the new S3 console experience. Switch to the new console." The main area is titled "S3 buckets" and shows a single bucket named "organization03". The bucket details are as follows:

Bucket name	Access	Region	Date created
organization03	Error	US East (N. Virginia)	Dec 16, 2018 9:42:03 PM GMT-0800

On the left sidebar, there are links for Buckets, Batch operations, Access analyzer for S3, and Feature spotlight. On the right, there are links for Documentation, Discover the console, and Other Bookmarks.

Configure el nombre del depósito. Los nombres del depósito de S3 son únicos a nivel mundial; elija un nombre que esté disponible.

Haga clic en Next

The screenshot shows the "Create bucket" wizard on the "Name and region" step. The URL is s3.console.aws.amazon.com. The wizard has four steps: 1. Name and region, 2. Configure options, 3. Set permissions, and 4. Review. Step 1 is active. The "Bucket name" field contains "s3bucket" and the "Region" dropdown is set to "US East (N. Virginia)". Below the fields, there is a "Copy settings from an existing bucket" section with a dropdown menu showing "Select bucket (optional) 1 Buckets". At the bottom are "Create" and "Next" buttons.

Deje otras configuraciones por defecto y haga clic enNext

The screenshot shows the 'Create bucket' wizard on the AWS S3 service. The second step, 'Configure options', is active. In the 'Block public access (bucket settings)' section, the 'Block all public access' checkbox is selected. Below it, four other options are listed:

- Block public access to buckets and objects granted through new access control lists (ACLS)
- Block public access to buckets and objects granted through any access control lists (ACLS)
- Block public access to buckets and objects granted through new public bucket or access point policies
- Block public and cross-account access to buckets and objects through any public bucket or access point policies

At the bottom right of the wizard, there are 'Previous' and 'Next' buttons.

Deje otras configuraciones por defecto y haga clic enNext

The screenshot shows the 'Create bucket' wizard on the AWS S3 service. The second step, 'Configure options', is active. In the 'Block public access (bucket settings)' section, the 'Block all public access' checkbox is selected. Below it, four other options are listed:

- Block public access to buckets and objects granted through new access control lists (ACLS)
- Block public access to buckets and objects granted through any access control lists (ACLS)
- Block public access to buckets and objects granted through new public bucket or access point policies
- Block public and cross-account access to buckets and objects through any public bucket or access point policies

At the bottom right of the wizard, there are 'Previous' and 'Next' buttons.

Deje otras configuraciones por defecto y haga clic en **Create bucket**

The screenshot shows the 'Create bucket' wizard on the AWS S3 service. The 'Name and region' step is active, displaying the following details:

- Bucket name:** s3bucket180
- Region:** US East (N. Virginia)
- Options:**
 - Versioning: Disabled
 - Server access logging: Disabled
 - Tagging: 0 tags
 - Object-level logging: Disabled
 - Default encryption: None
 - CloudWatch request metrics: Disabled
 - Object lock: Disabled
- Permissions:**
 - Block all public access: On
 - Block public access to buckets and objects granted through new access control lists (ACLs): On
 - Block public access to buckets and objects granted through any access control lists (ACLs): On

At the bottom right of the wizard, there are 'Previous' and 'Create bucket' buttons.

Haga clic en el nombre de su depósito.

The screenshot shows the AWS S3 service bucket list. The newly created bucket 's3bucket180' is listed:

Bucket name	Access	Region	Date created
organization03	Error	US East (N. Virginia)	Dec 16, 2018 9:42:03 PM GMT-0800
s3bucket180	Error	US East (N. Virginia)	Oct 8, 2020 4:22:24 PM GMT-0700

At the bottom left, the URL is shown: <https://s3.console.aws.amazon.com/s3/buckets/s3bucket180?region=us-east-1&tab=overview>.

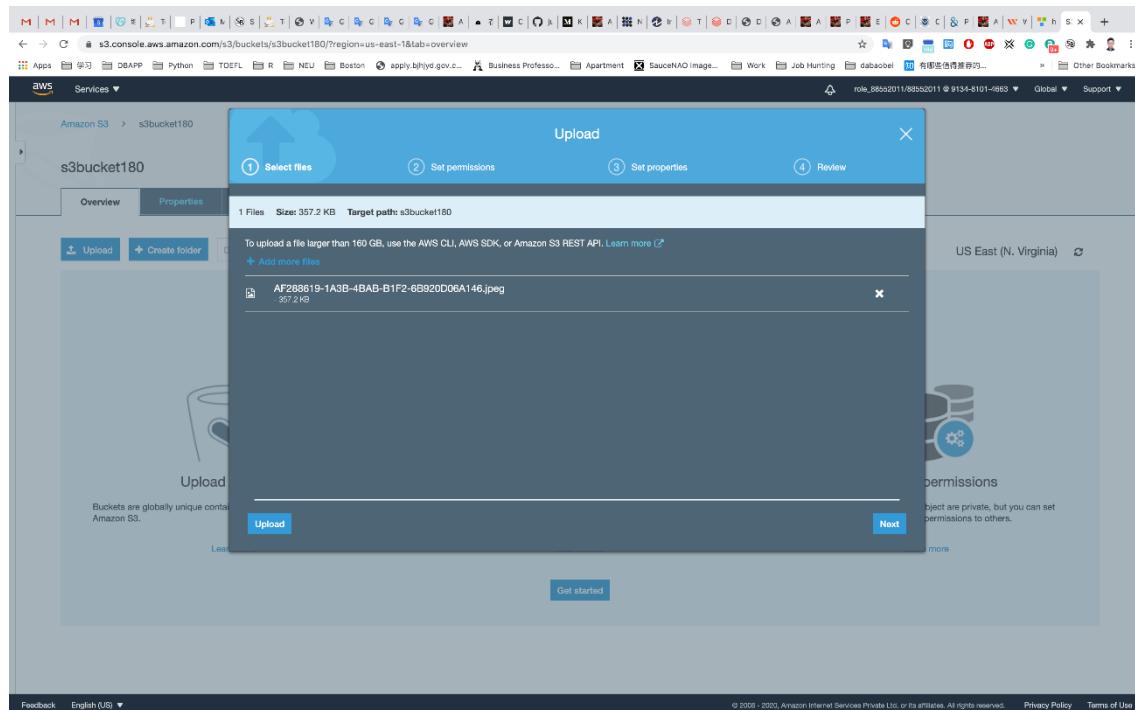
Haga clic en Upload

The screenshot shows the AWS S3 console with the URL s3.console.aws.amazon.com/s3/buckets/s3bucket180/?region=us-east-1&tab=overview. The page title is "Amazon S3 > s3bucket180". The main content area displays the message "This bucket is empty. Upload new objects to get started." with three call-to-action buttons: "Upload", "Create folder", and "Actions". Below these buttons are three sections: "Upload an object" (with an icon of a bucket), "Set object properties" (with an icon of two people), and "Set object permissions" (with an icon of three stacked cylinders). Each section has a brief description and a "Learn more" link.

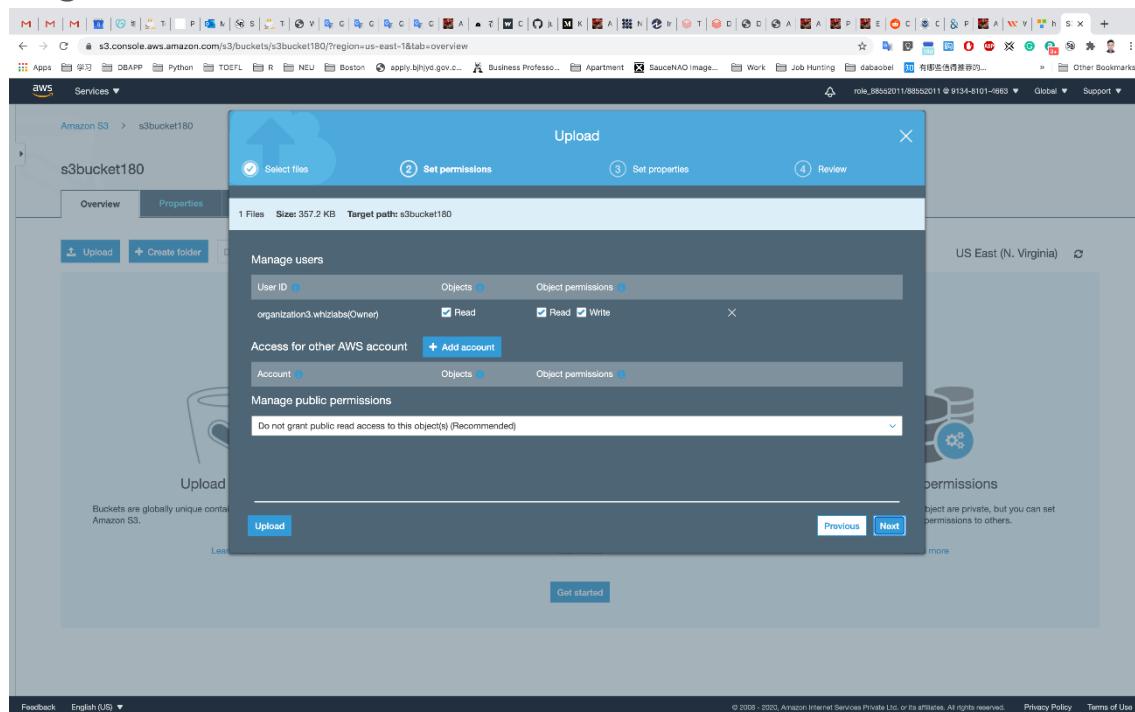
Haga clic en Add files y elija un archivo de su computadora.

The screenshot shows the AWS S3 console with the URL s3.console.aws.amazon.com/s3/buckets/s3bucket180/?region=us-east-1&tab=upload. A modal window titled "Upload" is open, showing four steps: "Select files", "Set permissions", "Set properties", and "Review". The "Select files" step contains instructions to "Drag and drop files and folders here" or "Add files". The "Permissions" section on the right states: "By default, the permissions on an object are private, but you can set up access control policies to grant permissions to others." At the bottom of the modal is a "Next" button.

Después de elegir su archivo, haga clic en Next



Haga clic en Next



Haga

clic

enNext

The screenshot shows the AWS S3 console with a bucket named 's3bucket180'. A modal window titled 'Upload' is open, showing the 'Set properties' step. Under 'Storage class', the 'Standard' option is selected. A table compares six storage classes based on access patterns and costs:

Storage class	Designed for	Availability Zones	Min storage duration	Min billable object size	Monitoring and automation fees	Retrieval fees
Standard	Frequently accessed data	≥ 3	-	-	-	-
Intelligent-Tiering	Long-lived data with changing or unknown access patterns	≥ 3	30 days	-	Per-object fees apply	-
Standard-IA	Long-lived, infrequently accessed data	≥ 3	30 days	128KB	-	Per-GB fees apply
One Zone-IA	Long-lived, infrequently accessed, non-critical data	≥ 1	30 days	128KB	-	Per-GB fees apply
Glacier	Archive data with retrieval times ranging from minutes to hours	≥ 3	90 days	40KB	-	Per-GB fees apply
Glacier Deep Archive	Archive data that rarely, if ever, needs to be accessed	≥ 3	180 days	40KB	-	Per-GB fees apply

Buttons for 'Previous', 'Next', and 'Get started' are visible at the bottom of the modal.

Haga

clic

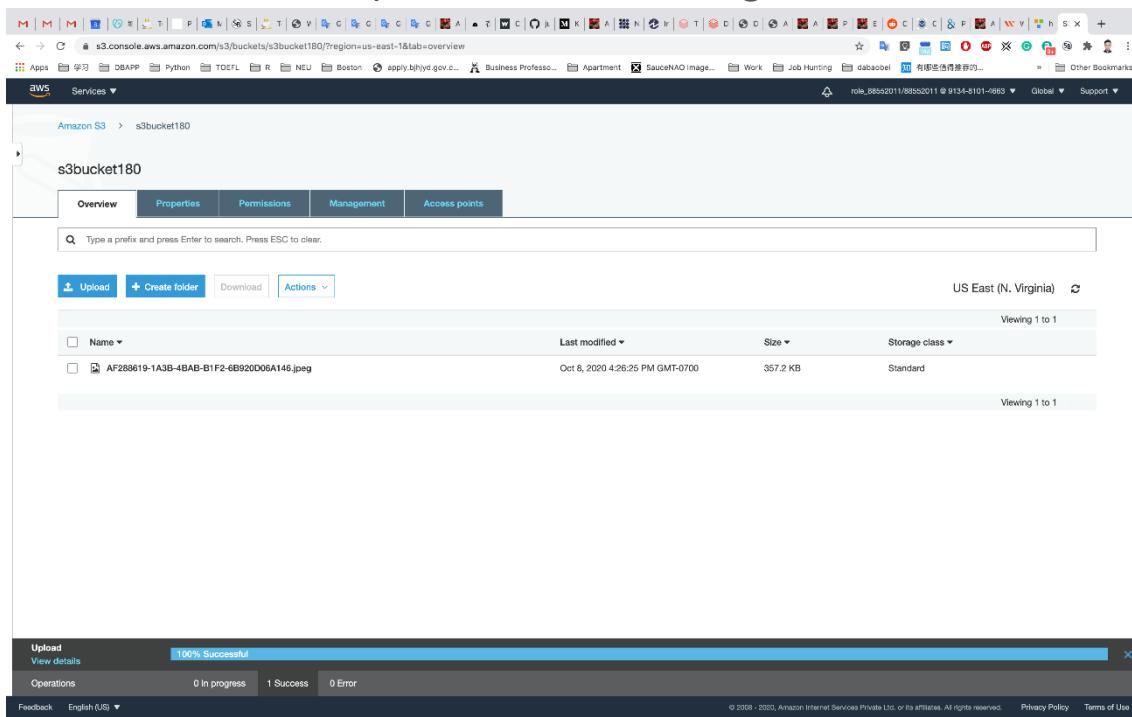
en Upload.

The screenshot shows the AWS S3 console with a bucket named 's3bucket180'. A modal window titled 'Upload' is open, showing the 'Review' step. It summarizes the upload details:

- Files: 1 Files, Size: 357.2 KB
- Permissions: 1 grantee
- Properties: Storage class set to Standard

Buttons for 'Previous', 'Upload', and 'Get started' are visible at the bottom of the modal.

Puedes ver la procesión de carga a continuación.



The screenshot shows the AWS S3 console interface. At the top, there's a navigation bar with various icons and links. Below it, the main header says "Amazon S3 > s3bucket180". Underneath, there are tabs: Overview (selected), Properties, Permissions, Management, and Access points. A search bar below the tabs contains the placeholder text "Type a prefix and press Enter to search. Press ESC to clear.". Below the search bar are four buttons: Upload, Create folder, Download, and Actions (with a dropdown arrow). To the right of these buttons, it says "US East (N. Virginia)" and "Viewing 1 to 1". The main content area displays a table with one row of data. The columns are "Name", "Last modified", "Size", and "Storage class". The file listed is "AF288619-1A3B-4BAB-B1F2-6B920D06A146.jpeg", with details: Last modified Oct 8, 2020 4:26:25 PM GMT-0700, Size 357.2 KB, and Storage class Standard. At the bottom of the page, there's a success message: "Upload View details 100% Successful" and an "Operations" summary: "0 In progress | 1 Success | 0 Error".

Ahora tiene un depósito S3 privado con un objeto privado cargado, lo que significa que no puede visitarlo a través de Internet.

Cambiar permiso de depósito

Cambie el permiso del depósito para que la imagen esté disponible públicamente.

Haga clic en su objeto en el depósito. Verá los detalles del objeto como propietario, tamaño, enlace, etc.

The screenshot shows the AWS S3 console with the path `s3://s3bucket180/AF288619-1A3B-4BAB-B1F2-6B920D06A146.jpeg`. The object details are displayed:

- Owner:** organization3.whizlabs
- Last modified:** Oct 8, 2020 4:26:25 PM GMT-0700
- Etag:** d485f688123cf86c86c15e800642ea
- Storage class:** Standard
- Server-side encryption:** None
- Size:** 357.2 KB
- Key:** AF288619-1A3B-4BAB-B1F2-6B920D06A146.jpeg
- Object URL:** <https://s3bucket180.s3.amazonaws.com/AF288619-1A3B-4BAB-B1F2-6B920D06A146.jpeg>

At the bottom, there is a feedback link and links for Privacy Policy and Terms of Use.

Una URL aparecerá debajo object URL

<https://s3bucketwhizlabs.s3.amazonaws.com/smiley.jpg>

Abrir imagen Enlace en una nueva pestaña. Verá un AccessDenied mensaje, lo que significa que el objeto no es accesible públicamente.

The screenshot shows a browser window with the URL `https://s3bucketwhizlabs.s3.amazonaws.com/smiley.jpg`. The page displays an **Access Denied** message:

```
<?xml version="1.0"?>
<Error>
<Code>AccessDenied</Code>
<Message>Access Denied</Message>
<RequestId>D1C2C9A141594499</RequestId>
<HostId>Hqoqg3tca770j0dgb941g4f49w21bc1492011E0CaLTKs+218QCYd3JctWqkLa6f604+o=</HostId>
</Error>
```

Vuelve a tu depósito y haz clic en Permissions

Amazon S3 > s3bucket180 > AF288619-1A3B-4BAB-B1F2-6B920D06A146.jpeg

AF288619-1A3B-4BAB-B1F2-6B920D06A146.jpeg [Latest version](#)

Overview Properties Permissions Select from

Access for object owner

Canonical ID	Read object	Read object permissions	Write object permissions
ad1f59e0d374effe40c300ecd8396ecfa80687ff920616a94da3 8e28a1d2288 (Your AWS account)	Yes	Yes	Yes

Access for other AWS accounts

Canonical ID	Read object	Read object permissions	Write object permissions

Public access

Group	Read object	Read object permissions	Write object permissions
Everyone	-	-	-

Operations 0 In progress 1 Success 0 Error

Haga clic en Everyone debajo de Public access y haga clic en Read object a la derecha de la ventana emergente. Luego haga clic en Save

Amazon S3 > s3bucket180 > AF288619-1A3B-4BAB-B1F2-6B920D06A146.jpeg

AF288619-1A3B-4BAB-B1F2-6B920D06A146.jpeg [Latest version](#)

Overview Properties Permissions Select from

Access for object owner

Canonical ID	Read object	Read object permissions
ad1f59e0d374effe40c300ecd8396ecfa80687ff920616a94da3 8e28a1d2288 (Your AWS account)	Yes	Yes

Access for other AWS accounts

Canonical ID	Read object	Read object permissions

Public access

Group	Read object	Read object permissions
Everyone	-	-

Everyone

This object will have public access
Everyone will have access to one or all of the following: read this object, read and write permissions.

Access to the object
 Read object

Access to this object's ACL
 Read object permissions
 Write object permissions

Cancel Save

Feedback English (US) ▾

Ahora su estado cambia a Read Object - Yes

Access for object owner

Canonical ID	Read object	Read object permissions	Write object permissions
ad1f59e02d374edfe40c300ecd9396cf8b0587ff920616a94ds3 8e28a1d2288 (Your AWS account)	Yes	Yes	No

Access for other AWS accounts

Canonical ID	Read object	Read object permissions	Write object permissions
+ Add account			

Public access

Group	Read object	Read object permissions	Write object permissions
Everyone	Yes	-	-

Operations: 0 In progress, 1 Success, 0 Error

Haga clic en Overview y haga clic en su Object URL nuevamente

Owner: organization3.whitelabs

Last modified: Oct 8, 2020 4:26:25 PM GMT-0700

Etag: d14856881230cf86c86c15e800642ea

Storage class: Standard

Server-side encryption: None

Size: 357.2 KB

Key: AF288619-1A3B-4BAB-B1F2-6B920D06A146.jpeg

Object URL: https://s3bucket180.s3.amazonaws.com/AF288619-1A3B-4BAB-B1F2-6B920D06A146.jpeg

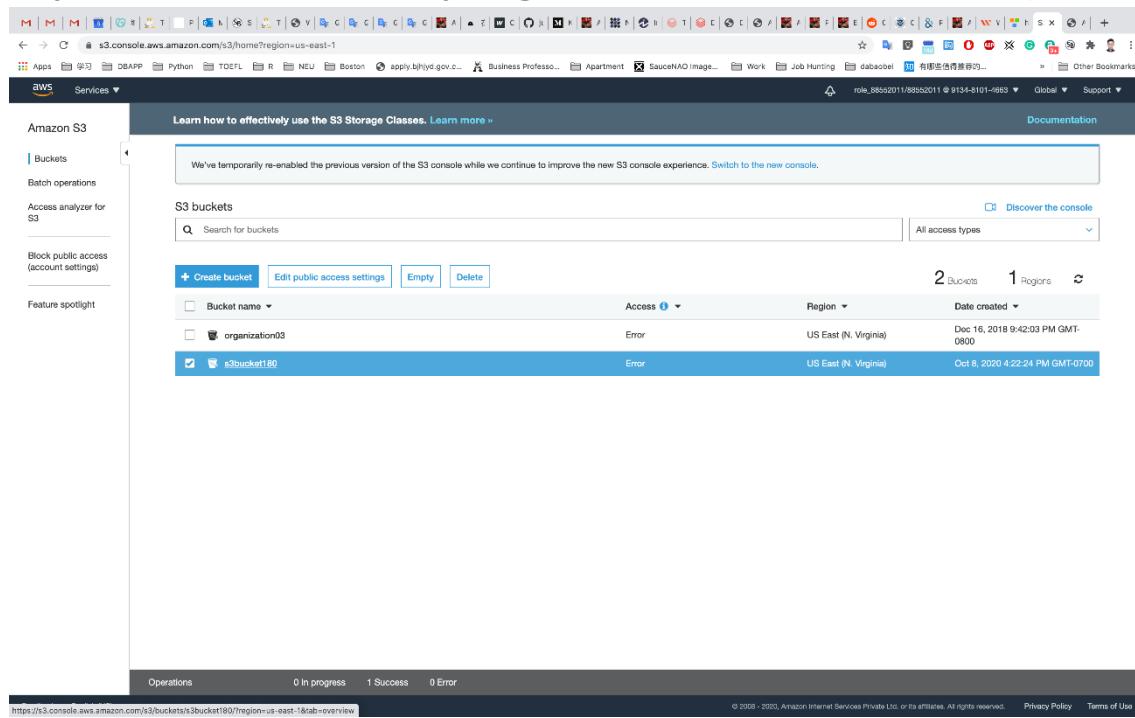
Operations: 0 In progress, 1 Success, 0 Error

Observe la URL en su navegador

Crear una política de depósito

En el paso anterior, otorgó acceso de lectura solo a un objeto específico. Si desea que todos los objetos dentro de un depósito estén disponibles públicamente, puede lograrlo creando un archivo bucket policy.

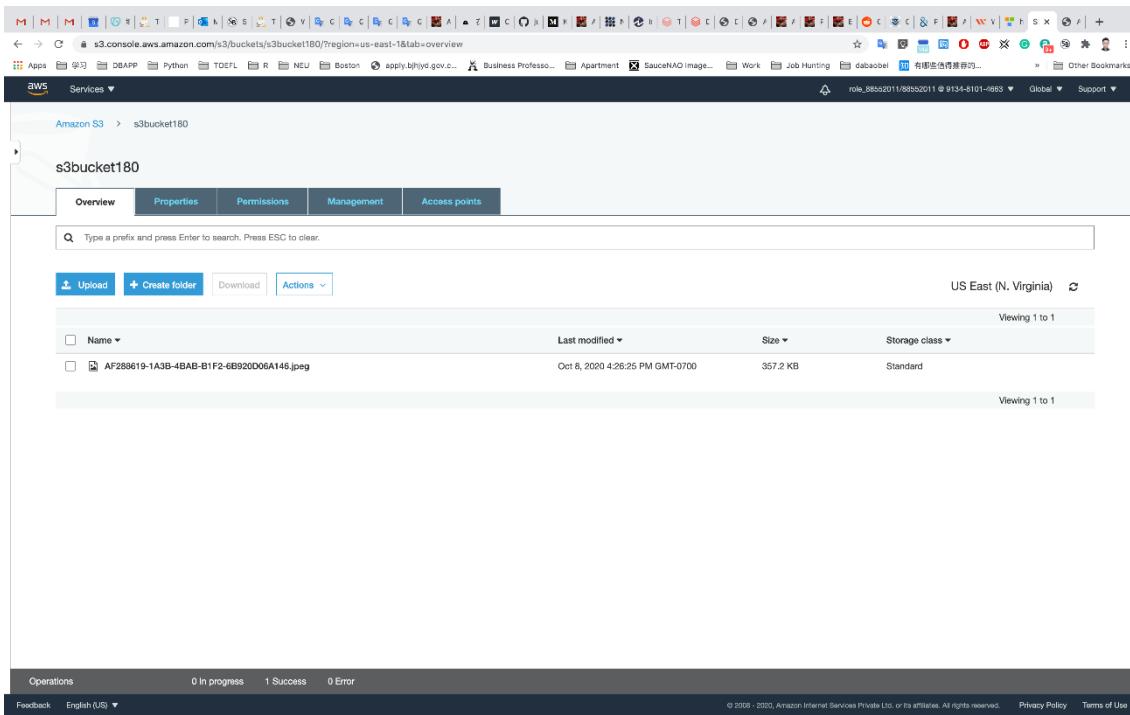
Vaya a la lista de deseos y haga clic en el nombre de su depósito.



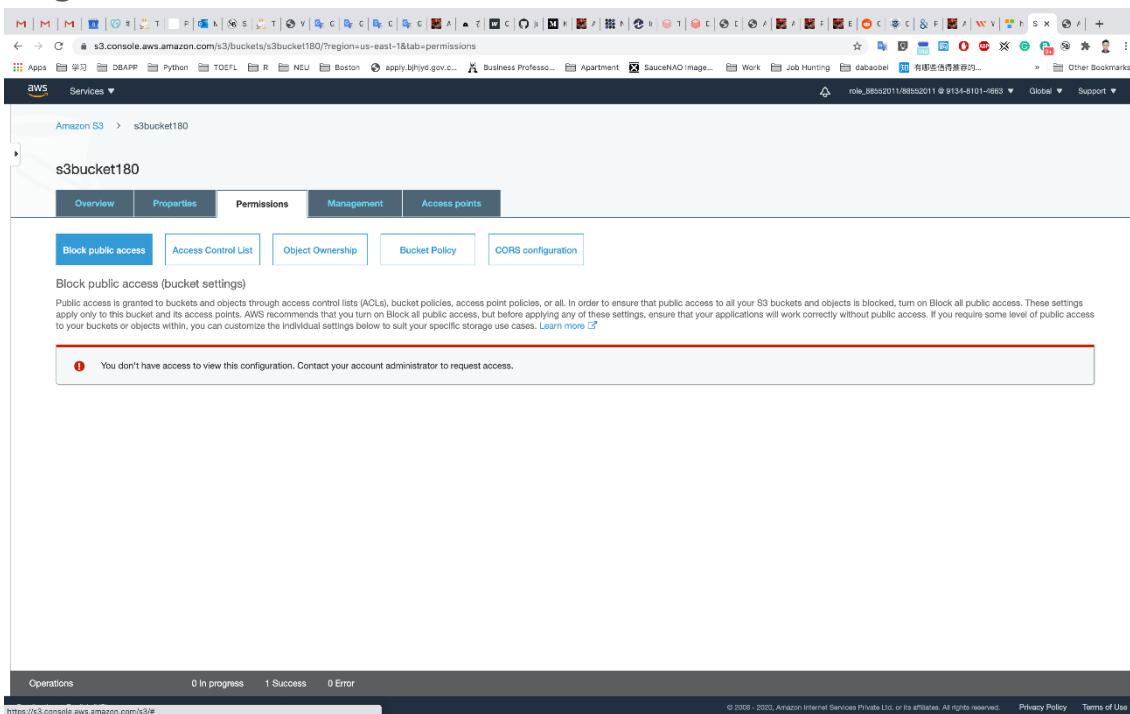
The screenshot shows the AWS S3 console interface. On the left, there's a sidebar with options like 'Buckets', 'Batch operations', 'Access analyzer for S3', and 'Block public access (account settings)'. The main area is titled 'S3 buckets' and contains a search bar. Below it, there are buttons for '+ Create bucket', 'Edit public access settings', 'Empty', and 'Delete'. A table lists two buckets: 'organization03' and 'r3bucket180'. The table includes columns for 'Bucket name', 'Access', 'Region', and 'Date created'. The 'r3bucket180' row has a checked checkbox next to it. At the bottom, there's a summary of 'Operations' (0 In progress, 1 Success, 0 Error) and links for 'Privacy Policy' and 'Terms of Use'.

Bucket name	Access	Region	Date created
organization03	Error	US East (N. Virginia)	Dec 16, 2018 9:42:03 PM GMT-0800
r3bucket180	Error	US East (N. Virginia)	Oct 8, 2020 4:22:24 PM GMT-0700

Haga clic en la Permissions pestaña, luego configure lo siguiente



Haga clic en Bucket Policy



Se muestra un editor de políticas de depósito en blanco.

Copie el **ARN** de su depósito al portapapeles.

- por ejemplo, arn:aws:s3:::s3bucket180

Reemplace el ARN de su depósito con el ARN que aparece en el JSON a continuación y luego copie la política completa.

```
{  
  "Id": "Policy1",  
  "Version": "2012-10-17",  
  "Statement": [  
    {  
      "Sid": "Stmt1",  
      "Action": ["s3:GetObject"],  
      "Effect": "Allow",  
      "Resource": "replace-this-string-from-your-bucket-arn/*",  
      "Principal": "*"  
    }  
  ]  
}
```

Haga clic en Save

The screenshot shows the AWS S3 Bucket Policy editor. At the top, there's a navigation bar with tabs for Overview, Properties, Permissions, Management, and Access points. The Permissions tab is selected. Below it, there are sub-tabs: Block public access, Access Control List, Object Ownership, Bucket Policy (which is selected), and CORS configuration. A large text area contains a JSON policy document:

```
1 {
2     "Id": "Policy1",
3     "Version": "2012-10-17",
4     "Statement": [
5         {
6             "Sid": "Stmt1",
7             "Action": ["s3:GetObject"],
8             "Effect": "Allow",
9             "Resource": "arn:aws:s3:::s3bucket180/*",
10            "Principal": "*"
11        }
12    ]
13}
```

At the bottom right of the text area are three buttons: Delete, Cancel, and Save. Below the text area, there are links for Documentation and Policy generator. At the very bottom, there's an Operations section showing 0 In progress, 1 Success, and 0 Error, along with standard footer links for Feedback, English (US), Privacy Policy, and Terms of Use.

Probar el acceso público

Vuelva a su lista de deseos y luego haga clic en su depósito. Sube otro archivo. Deje todas las configuraciones por defecto

The screenshot shows the AWS S3 Upload dialog. It has four steps: Select files, Set permissions, Set properties, and Review. Step 1 is completed with 1 File, Size: 154.7 KB, Target path: s3bucket180. Step 2, Set permissions, is active. It shows the Manage users section where the organization3.whizlabs(Owner) user has Read and Write permissions. It also shows the Access for other AWS account section with a + Add account button. Step 3, Set properties, is shown in a collapsed state. Step 4, Review, is also collapsed. At the bottom are buttons for Previous, Next, and Upload. The background shows the AWS S3 bucket overview page for s3bucket180 with tabs for Overview, Properties, Permissions, Management, and Access points. The Permissions tab is selected. There are sections for Block public access, Access Control List, Object Ownership, Bucket Policy (selected), and CORS configuration. The Bucket policy editor is visible in a modal window. The bottom of the screen shows an Operations section with 0 In progress, 1 Success, and 0 Error, and standard footer links for Feedback, English (US), Privacy Policy, and Terms of Use.

Haga clic en su nuevo objeto y haga clic en el object URL

Cómo habilitar el control de versiones de Amazon S3

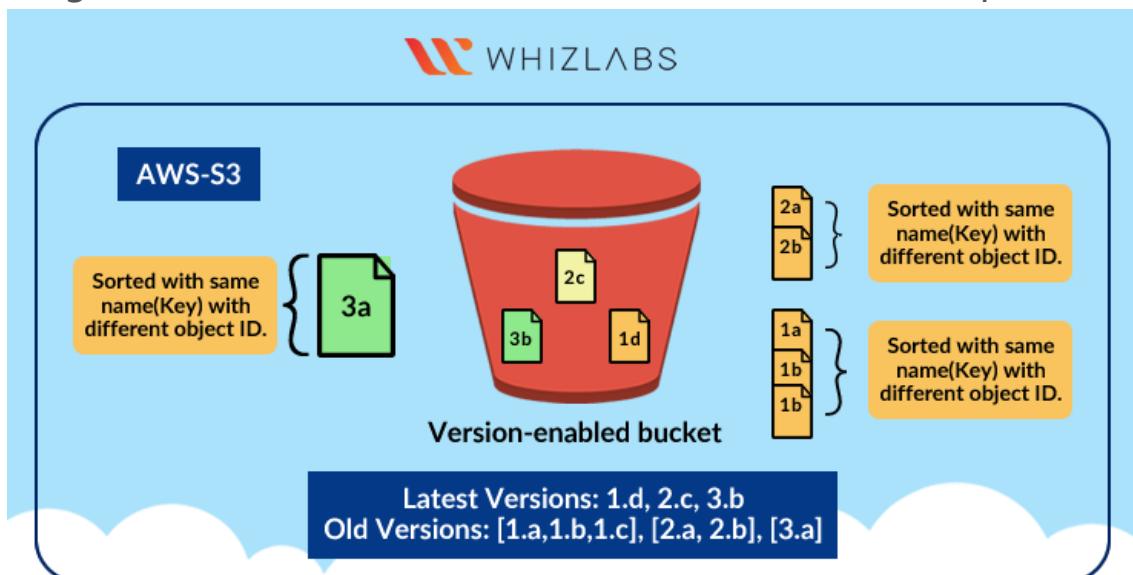
Detalles del laboratorio

1. Esta práctica de laboratorio lo guiará a través de los pasos sobre cómo habilitar el control de versiones en un AWS S3 Bucket. El control de versiones le permite mantener varias versiones de un objeto en un depósito.

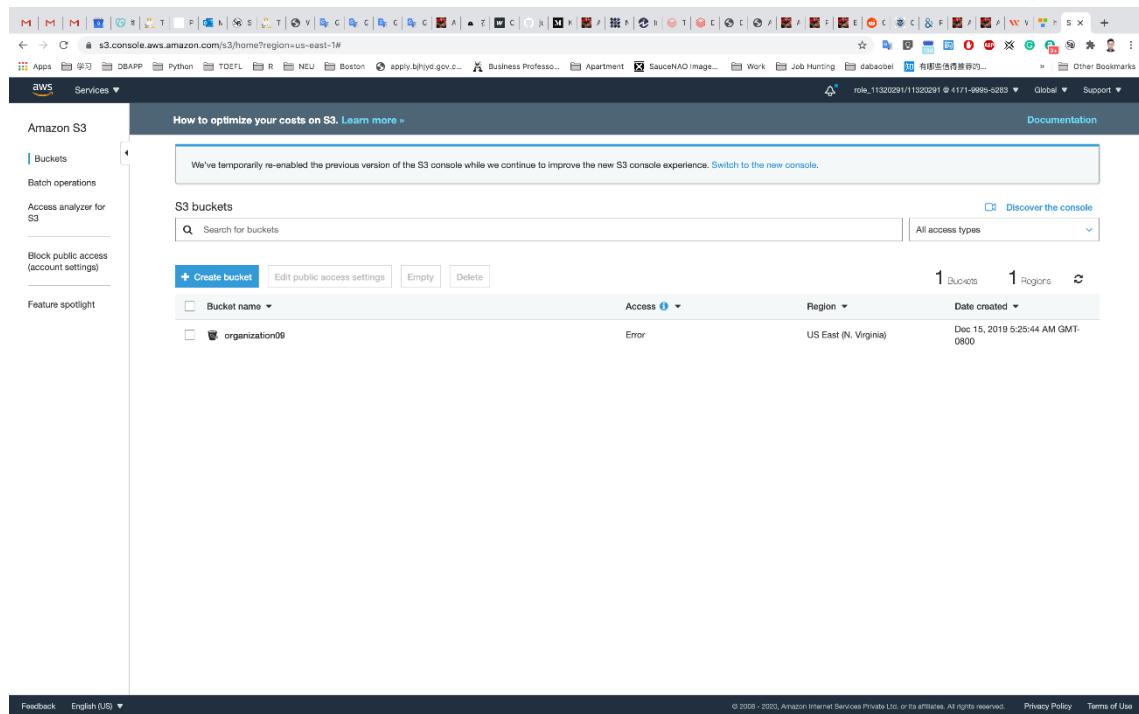
Detalles de la tarea

1. Inicie sesión en la Consola de administración de AWS.
2. Cree un depósito S3.
3. Habilite el control de versiones de objetos en el depósito.
4. Cargue un archivo de texto en S3 Bucket.
5. Pruebe el control de versiones del objeto cambiando el archivo de texto y volviéndolo a cargar.

Diagrama de arquitectura



En el panel de S3, haga clic en Create bucket y complete los detalles del depósito.



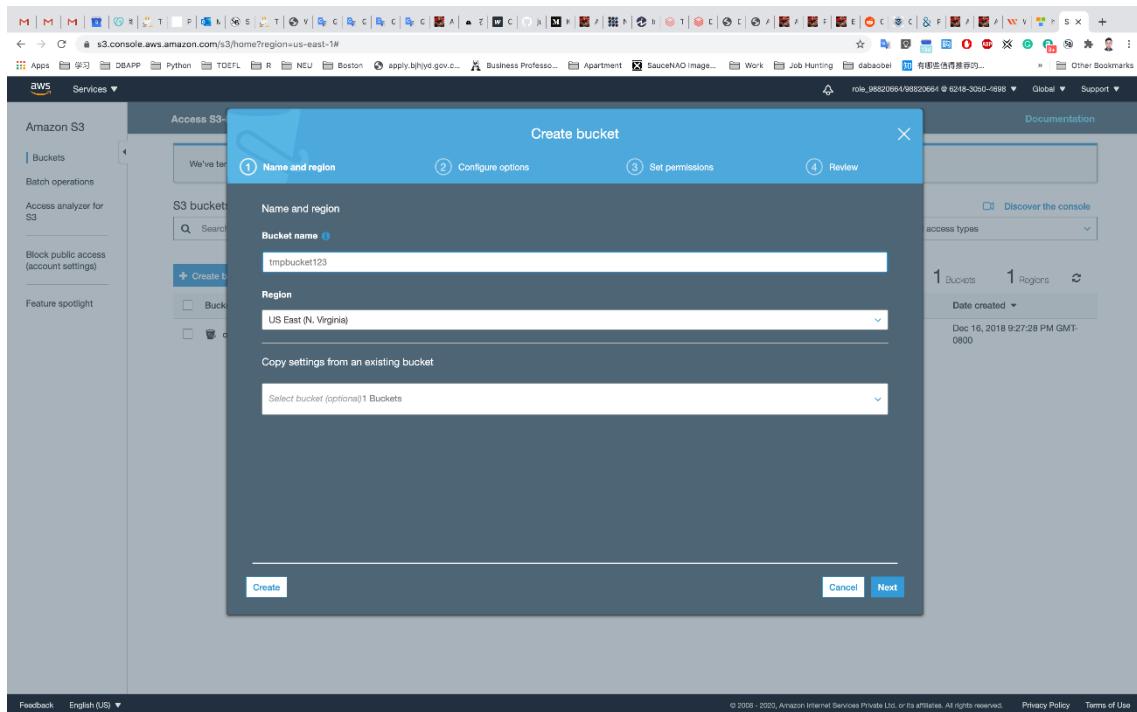
The screenshot shows the AWS S3 console interface. On the left, there's a sidebar with links like 'Buckets', 'Batch operations', 'Access analyzer for S3', and 'Block public access (account settings)'. The main area is titled 'How to optimize your costs on S3. Learn more »' with a note about temporarily re-enabling the previous version of the console. Below this is a search bar labeled 'Search for buckets' and a dropdown menu for 'All access types'. A button '+ Create bucket' is visible. The main table lists one bucket: 'organization09' (Bucket name), 'Error' (Access), 'US East (N. Virginia)' (Region), and 'Dec 15, 2019 5:25:44 AM GMT-0800' (Date created). At the bottom, there are links for 'Feedback', 'English (US)', 'Privacy Policy', and 'Terms of Use'.

- Nombre del depósito: Ingresar `yourBucketName`
 - Nota: Los nombres de los depósitos de S3 son únicos a nivel mundial; elija un nombre que esté disponible.
- Región: Seleccionar `US East (N. Virginia)`
- Deje otras configuraciones por defecto.

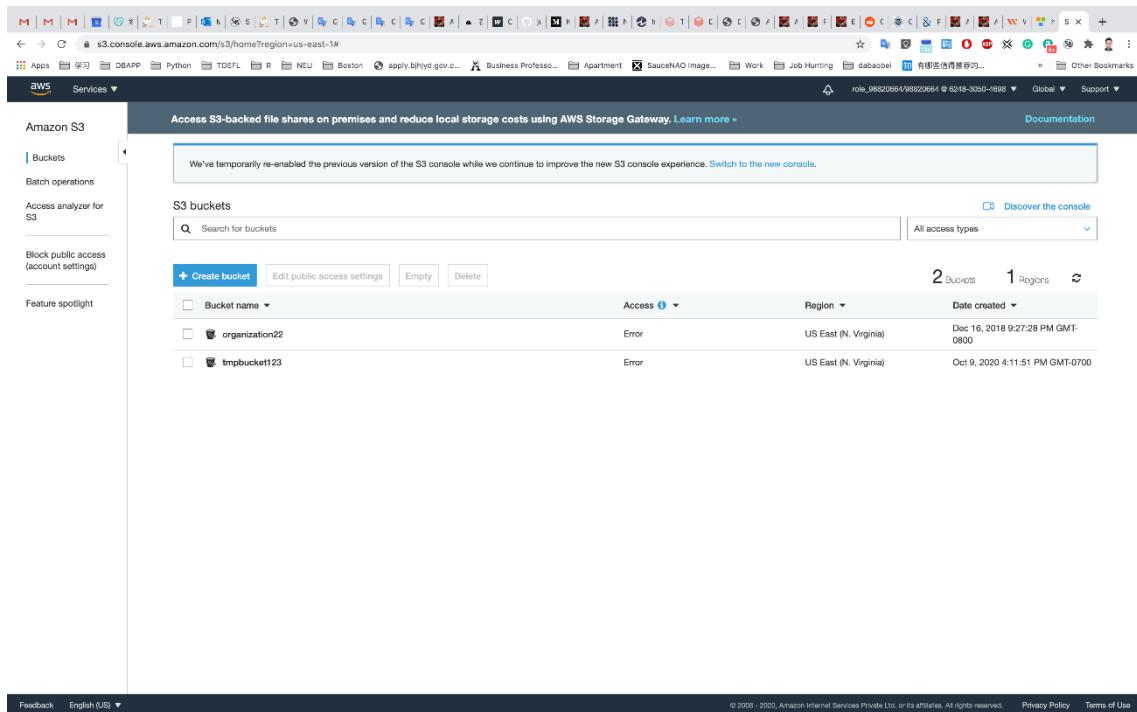
Haga

clic

enCreate



Cierra la ventana emergente si todavía está abierta.



Habilite el control de versiones en el depósito S3

Vaya a la lista de deseos y haga clic en el nombre de su depósito.`whizlabs234`

This screenshot shows the AWS S3 console for the bucket 'wangjing123'. The 'Overview' tab is selected. The interface is designed to help users get started with their new bucket. It features three main sections: 'Upload an object' (with an icon of a bucket), 'Set object properties' (with an icon of two people), and 'Set object permissions' (with an icon of a database). Each section includes a brief description, a 'Learn more' link, and a 'Get started' button.

This screenshot shows the 'Properties' tab for the 'wangjing123' bucket. It lists several configuration options:

- Versioning:** Keep multiple versions of an object in the same bucket. Status: Disabled.
- Server access logging:** Set up access log records that provide details about access requests. Status: Disabled.
- Static website hosting:** Host a static website, which does not require server-side technologies. Status: Disabled.
- Object-level logging:** Record object-level API activity using the CloudTrail data events feature (additional cost). Status: Access denied.
- Default encryption:** Automatically encrypt objects when stored in Amazon S3. Status: Access denied.

Below these, there's an 'Advanced settings' section with five more options:

- Object lock:** Prevent objects from being deleted. Status: Access denied.
- Tags:** Use tags to track your cost against projects or other criteria. Status: 0 Tags.
- Transfer acceleration:** Enable fast, easy and secure transfers of files to and from your bucket. Status: Suspended.
- Events:** Receive notifications when specific events occur in your bucket. Status: 0 Active notifications.
- Requester pays:** The requester (instead of the bucket owner) will pay for requests and data transfer. Status: Disabled.

Elegir Versioning.

The screenshot shows the AWS S3 console with the 'Properties' tab selected for the bucket 'wangjing123'. The 'Versioning' section is open, showing the 'Enable versioning' option is selected. Other options like 'Suspend versioning' and 'Default encryption' are also listed. The 'Save' button is visible at the bottom of the modal. The rest of the page includes sections for 'Server access logging', 'Static website hosting', and 'Object-level logging', all of which are currently disabled.

Elige Enable versioning haz clic en Save.

This screenshot is identical to the one above, showing the 'Versioning' configuration page for the 'wangjing123' bucket. The 'Enable versioning' option is selected, and the 'Save' button is visible. The other features listed (Server access logging, Static website hosting, and Object-level logging) are all marked as 'Disabled'.

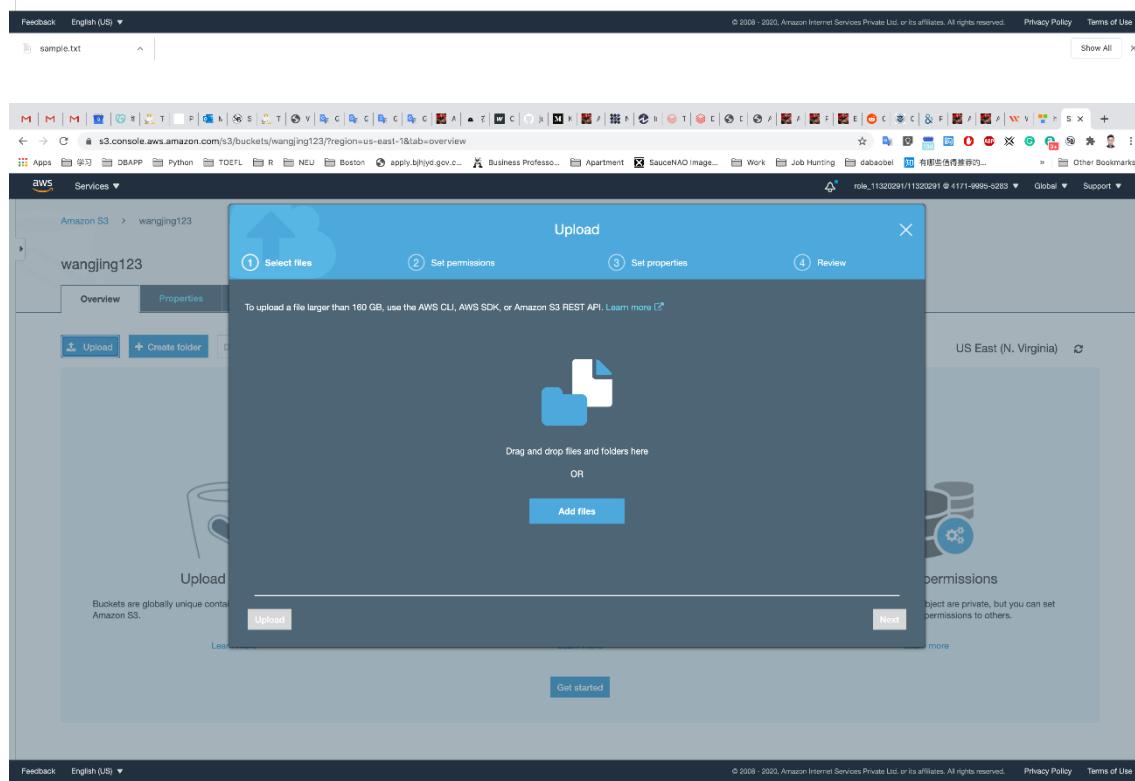
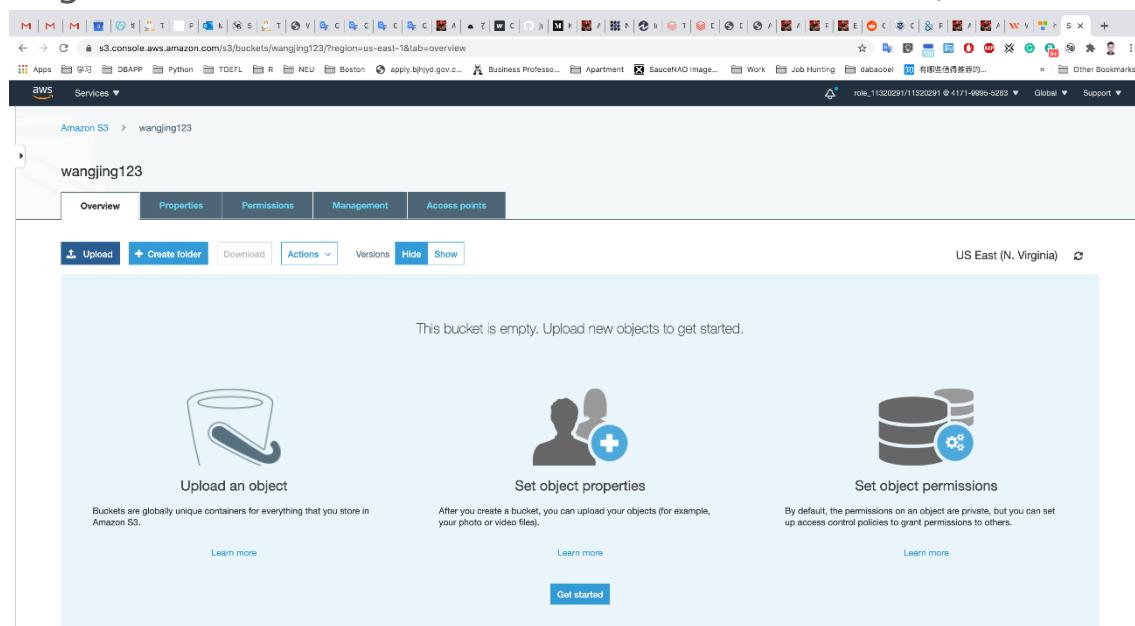
Ahora el control de versiones en el depósito S3 está habilitado.

The screenshot shows the AWS S3 console for a bucket named 'wangjing123'. The 'Properties' tab is selected. Under the 'Advanced settings' section, the 'Versioning' feature is listed as 'Enabled'. Other features shown include 'Server access logging' (disabled), 'Static website hosting' (disabled), 'Object-level logging' (access denied), and 'Default encryption' (access denied). Advanced settings like 'Object lock', 'Tags', 'Transfer acceleration', 'Events', and 'Requester pays' are also listed with their current status.

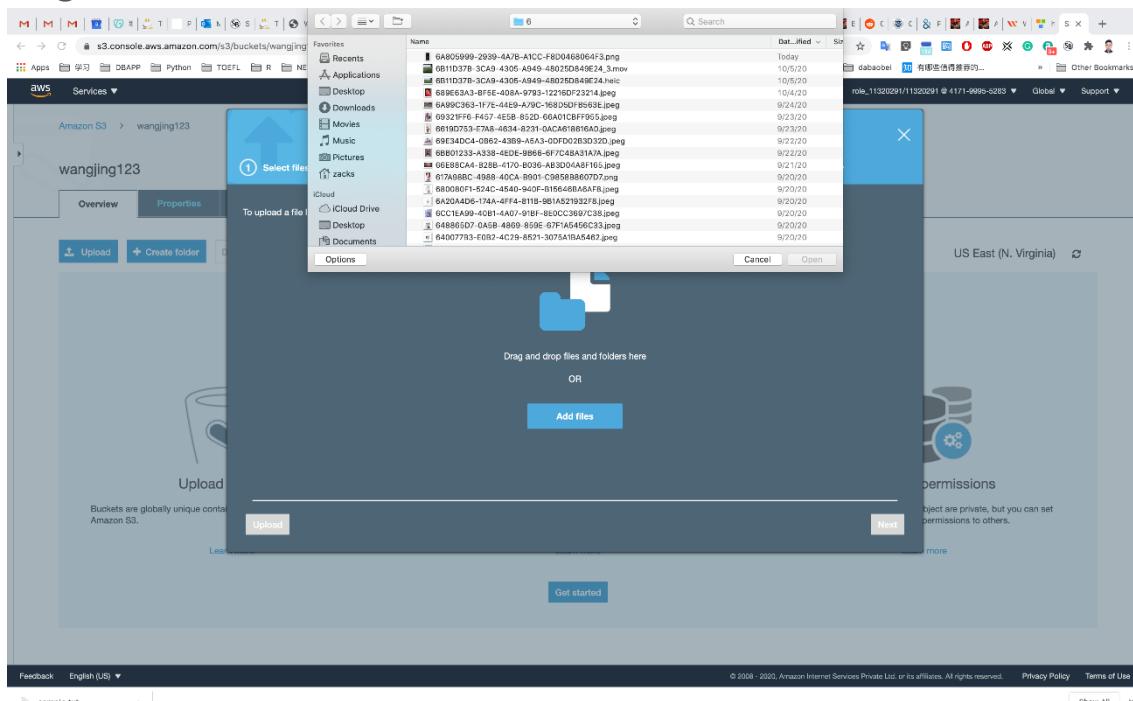
Subir un objeto

Cargue cualquier archivo desde su máquina local. En la página de lista de S3 Buck, haga clic en youBucketName Haga clic en Overview la pestaña.

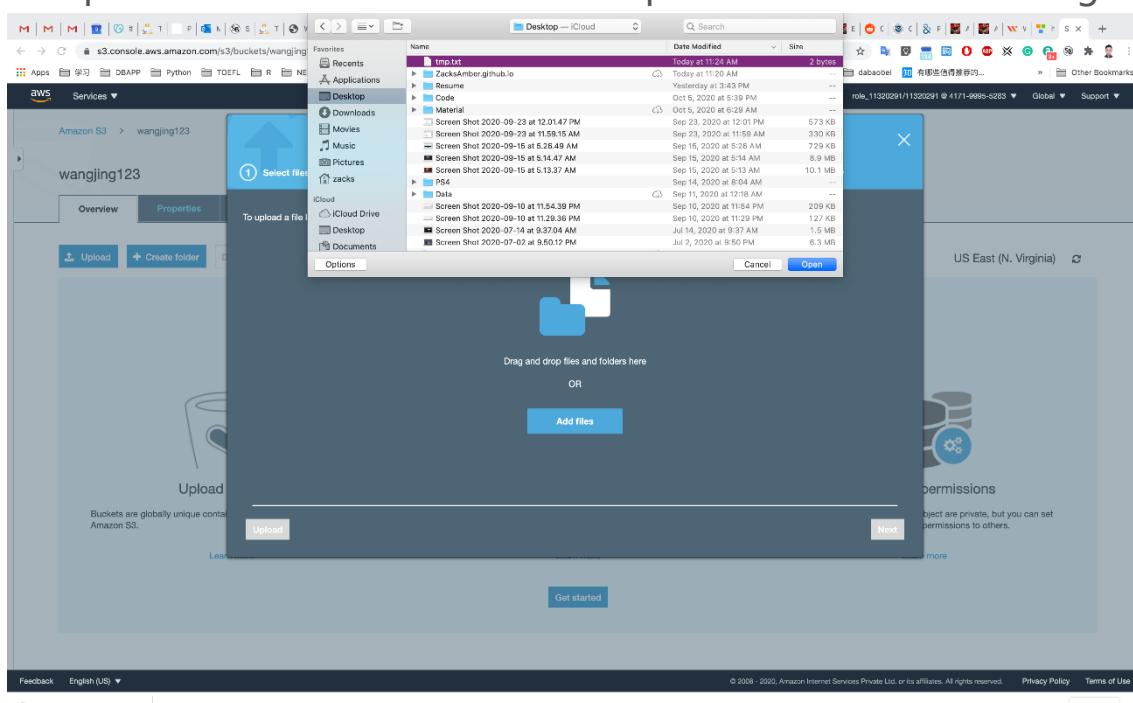
Haga clic en el Uploadbotón.



Haga clic en el Add files botón.

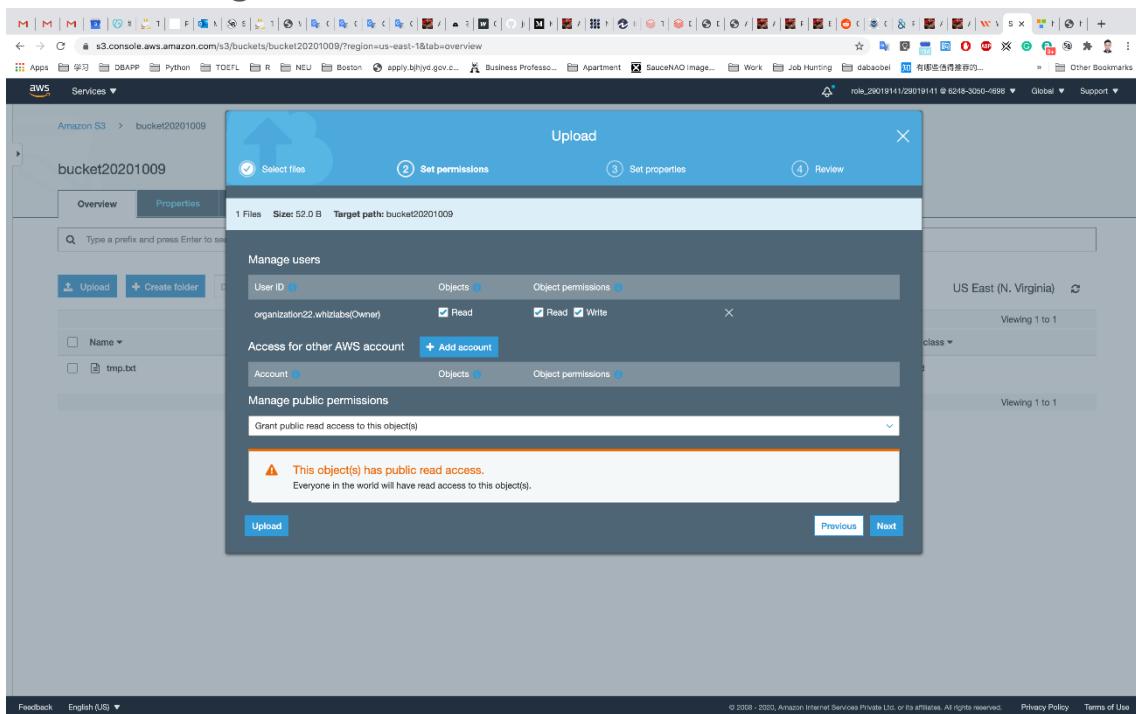


Busque el archivo que desea cargar.

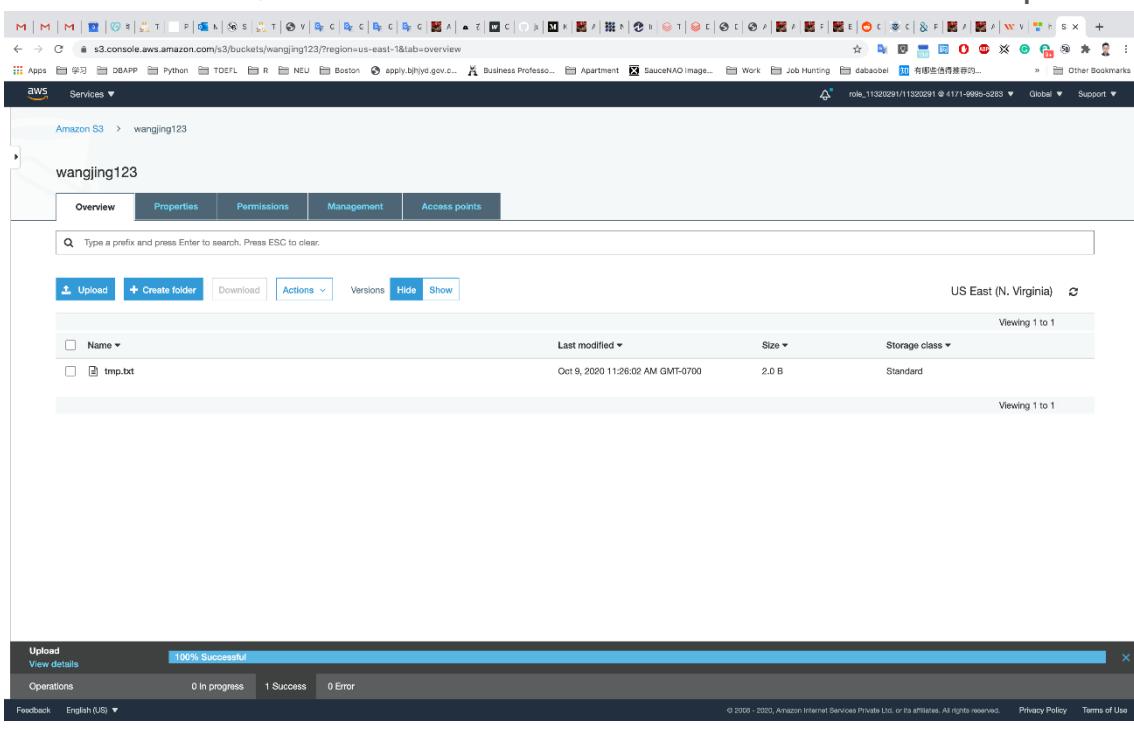


Haga clic en **Next** y otorgue acceso público de lectura a este(s) proyecto(s)

. Haga clic en el Uploadbotón.

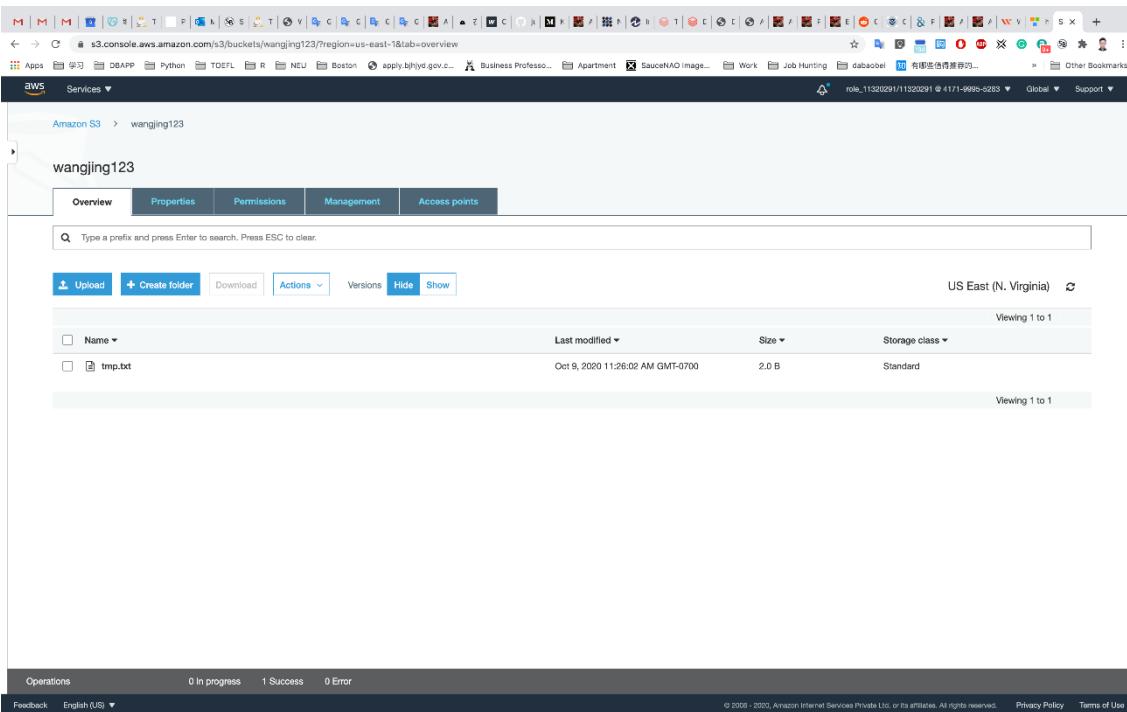


Puedes ver el progreso de la carga desde el panel de transferencia en la parte inferior de la pantalla. Si es un archivo pequeño, es posible que no veas la transferencia. Una vez que se haya cargado su archivo, se mostrará en el depósito.



Hacer público el depósito con una política de depósito

Vaya a la lista de deseos y haga clic en el nombre de su depósito.



The screenshot shows the AWS S3 console interface. At the top, there's a navigation bar with various links like App, 学习, DBAPP, Python, TOEFL, R, NEU, Boston, apply.bjhyd.gov.c... Business Professo..., Apartment, SauceNAO Image..., Work, Job Hunting, database1, 有那些值得推荐的... and Other Bookmarks. Below that is the AWS logo and Services dropdown. The main area shows the bucket 'wangjing123'. On the left, there are tabs: Overview (selected), Properties, Permissions, Management, and Access points. Below these tabs is a search bar with placeholder text 'Type a prefix and press Enter to search. Press ESC to clear.' Underneath the search bar are buttons for Upload, + Create folder, Download, Actions (with dropdown options Versions, Hide, Show), and a status indicator 'US East (N. Virginia)' with a refresh icon. The main content area displays a table of files. The table has columns: Name, Last modified, Size, and Storage class. One file is listed: 'tmp.txt' (Last modified: Oct 9, 2020 11:26:02 AM GMT-0700, Size: 2.0 B, Storage class: Standard). At the bottom of the table, it says 'Viewing 1 to 1'. At the very bottom of the page, there's a footer with 'Operations' (0 In progress, 1 Success, 0 Error), 'Feedback' (English (US)), and links to Privacy Policy and Terms of Use, along with a copyright notice: '© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.'

Haga clic en la Permissions pestaña para configurar su depósito:

- En la Permissions pestaña, haga clic en Bucket Polity
- Se muestra un **editor de políticas de depósito en blanco**.
- Antes de crear la política, deberá copiar el ARN (nombre del recurso de Amazon) de su depósito.
- Copie el ARN de su depósito al portapapeles. Se muestra en la parte superior del editor de políticas. se parece a ARN: **arn:aws:s3:::your-bucket-name**

Operations 0 In progress 1 Success 0 Error

Feedback English (US) ▾

s3.console.aws.amazon.com/s3/buckets/wangjing123?region=us-east-1&tab=permissions

AWS Services ▾

Amazon S3 > wangjing123

wangjing123

Overview Properties Permissions Management Access points

Block public access Access Control List Object Ownership Bucket Policy CORS configuration

Block public access (bucket settings)

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 all your S3 buckets and 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 your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

You don't have access to view this configuration. Contact your account administrator to request access.

Operations 0 In progress 1 Success 0 Error

Feedback English (US) ▾

s3.console.aws.amazon.com/s3/buckets/wangjing123?region=us-east-1&tab=permissions

AWS Services ▾

Amazon S3 > wangjing123

wangjing123

Overview Properties Permissions Bucket Policy CORS configuration

Bucket policy use JSON-based access policy language to manage advanced permission to your Amazon S3 resources.

Bucket policy editor ARN: arn:aws:s3:::wangjing123

Type to add a new policy or edit an existing policy in the text area below.

Delete Cancel Save

Documentation Policy generator

Operations 0 In progress 1 Success 0 Error

Feedback English (US) ▾

En la política siguiente, actualice el ARN de su depósito en el valor de la clave de recurso y copie el código de la política.

- Pegue la política del depósito en el editor de políticas del depósito.

{

"Id":"Policy1",

"Version":"2012-10-17",

"Statement":[

{

"Sid":"Stmt1",

"Action":[

"s3:GetObject"

],

"Effect":"Allow",

"Resource": "replace-this-string-from-your-bucket-
arn/*",

"Principal": "*"

}

]

}

The screenshot shows the AWS S3 Bucket Policy editor for the bucket 'wangjing123'. The policy is defined as follows:

```
1 {
2     "Id": "Policy1",
3     "Version": "2012-10-17",
4     "Statement": [
5         {
6             "Sid": "Stmt1",
7             "Action": [
8                 "s3:GetObject"
9             ],
10            "Effect": "Allow",
11            "Resource": "arn:aws:s3:::wangjing123/*",
12            "Principal": "*"
13        }
14    ]
15}
```

The policy editor interface includes tabs for Overview, Properties, Permissions, Management, Access points, Block public access, Access Control List, Object Ownership, Bucket Policy (which is selected), and CORB configuration. At the bottom right are Delete, Cancel, and Save buttons.

Haga clic en Save

The screenshot shows the AWS S3 Bucket Policy editor for the bucket 'wangjing123'. The policy is defined as follows:

```
1 {
2     "Id": "Policy1",
3     "Version": "2012-10-17",
4     "Statement": [
5         {
6             "Sid": "Stmt1",
7             "Action": [
8                 "s3:GetObject"
9             ],
10            "Effect": "Allow",
11            "Resource": "arn:aws:s3:::wangjing123/*",
12            "Principal": "*"
13        }
14    ]
15 }
```

Below the policy editor, there is a note: "Type to add a new policy or edit an existing policy in the text area below." At the bottom right of the editor are three buttons: Delete, Cancel, and Save.

At the very bottom of the page, there is a footer bar with links for Operations, Feedback, English (US), Privacy Policy, and Terms of Use.

Haga clic en Overview

The screenshot shows the AWS S3 Bucket Overview page for the bucket 'wangjing123'. The page displays a single file entry:

Name	Last modified	Size	Storage class
tmp.txt	Oct 9, 2020 11:26:02 AM GMT-0700	2.0 B	Standard

Below the table, there is a note: "Type a prefix and press Enter to search. Press ESC to clear." At the bottom right of the page, there is a link to "US East (N. Virginia)".

At the very bottom of the page, there is a footer bar with links for Operations, Feedback, English (US), Privacy Policy, and Terms of Use.

Ahora abra el enlace del archivo de texto en su navegador y debería ver el texto en el archivo.

The screenshot shows the AWS S3 console interface. At the top, there's a navigation bar with various icons and links. Below it, the main area displays the details for an object named 'tmp.txt'. The 'Overview' tab is selected. Key details shown include:

- Owner:** organization9.whizlabs
- Last modified:** Oct 9, 2020 11:26:02 AM GMT-0700
- Etag:** b026324c6904b2a9cb4b88d6d61c81d1
- Storage class:** Standard
- Server-side encryption:** None
- Size:** 2.0 B
- Key:** tmp.txt
- Object URL:** <https://wangjing123.s3.amazonaws.com/tmp.txt>

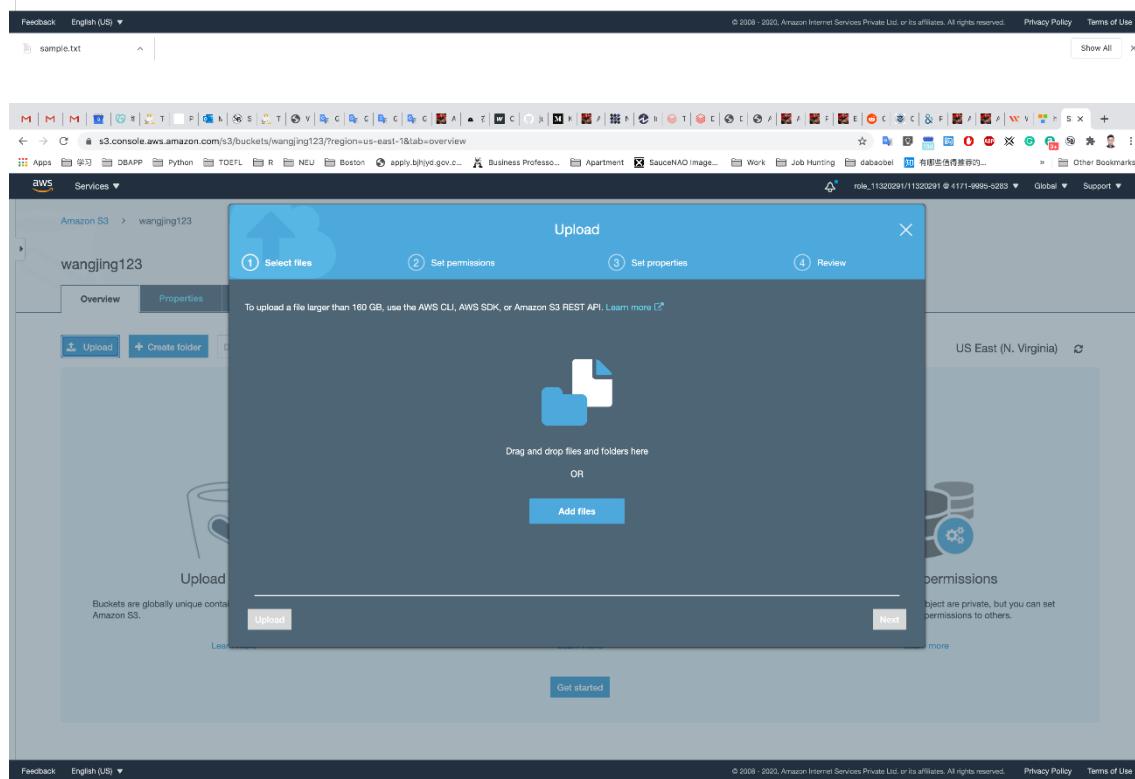
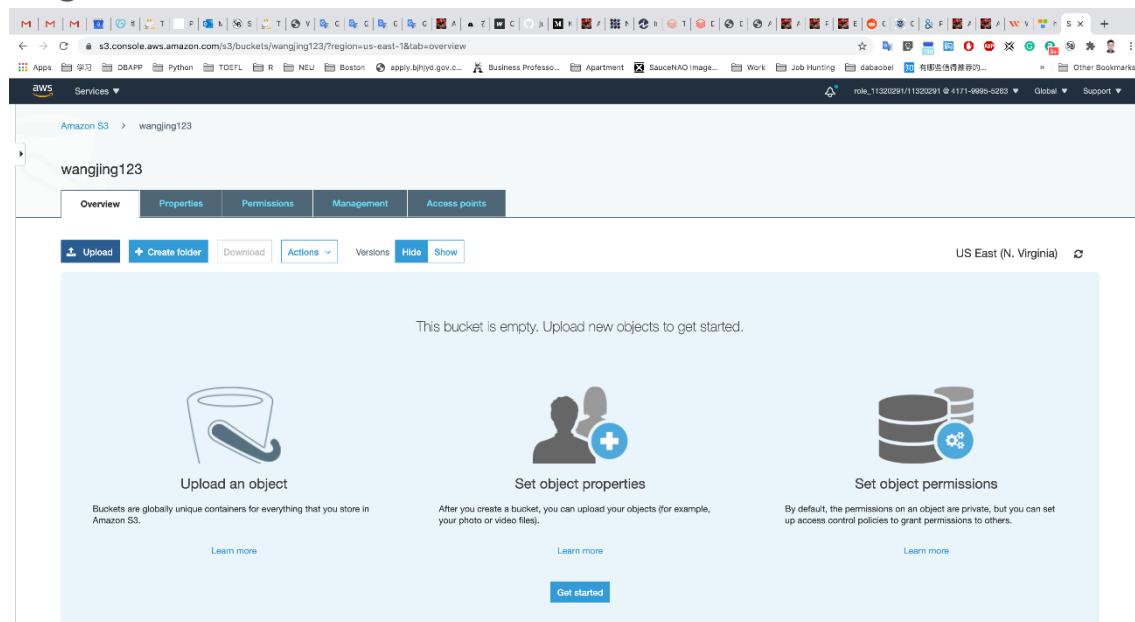
At the bottom of the page, there's a footer bar with links for Operations, Success, Error, and other AWS services like Lambda, CloudWatch, and SNS.

Sube el mismo objeto con contenido diferente

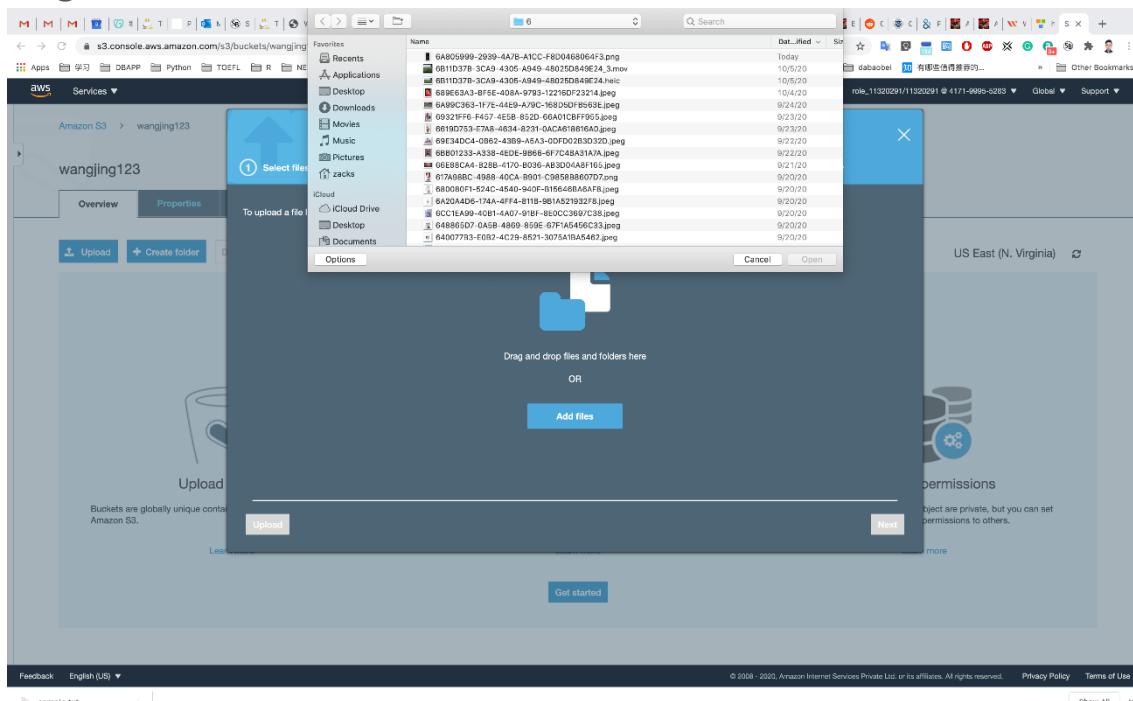
Cargue el mismo archivo con contenido diferente desde su máquina local.

En la página de lista de S3 Buck, haga clic en youBucketName. Haga clic en Overview la pestaña.

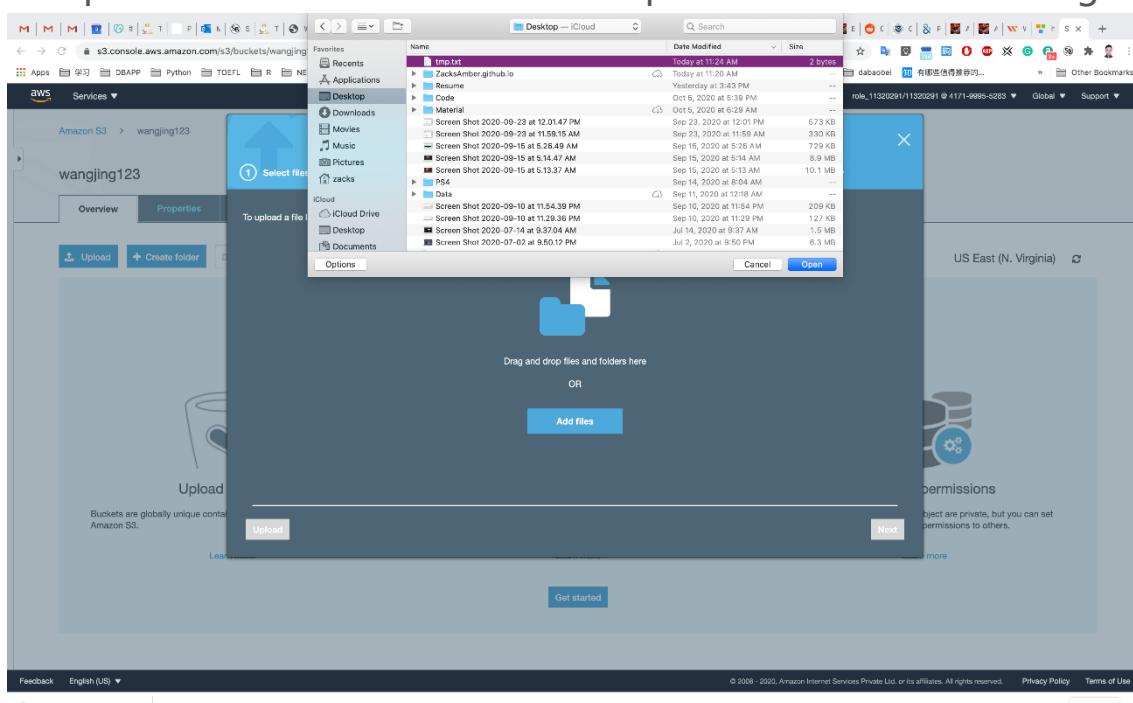
Haga clic en el Uploadbotón.



Haga clic en el Add files botón.



Busque el archivo que desea cargar.



Haga clic en **Next** Otorgue acceso público de lectura a este(s) proyecto(s)

. Haga clic en el Uploadbotón.

The screenshot shows the AWS S3 console with a bucket named 'bucket20201009'. A modal window titled 'Upload' is open, showing four steps: 'Select files', 'Set permissions', 'Set properties', and 'Review'. Step 1 shows 1 file (tmp.txt) selected. Step 2 shows 'organization22.whizlabsOwner' with 'Read', 'Read', and 'Write' permissions checked. Step 3 shows 'tmp.txt' with 'Object permissions' set to 'Grant public read access'. Step 4 shows a warning message: '⚠ This object(s) has public read access. Everyone in the world will have read access to this object(s.)'. At the bottom are 'Upload' and 'Next' buttons.

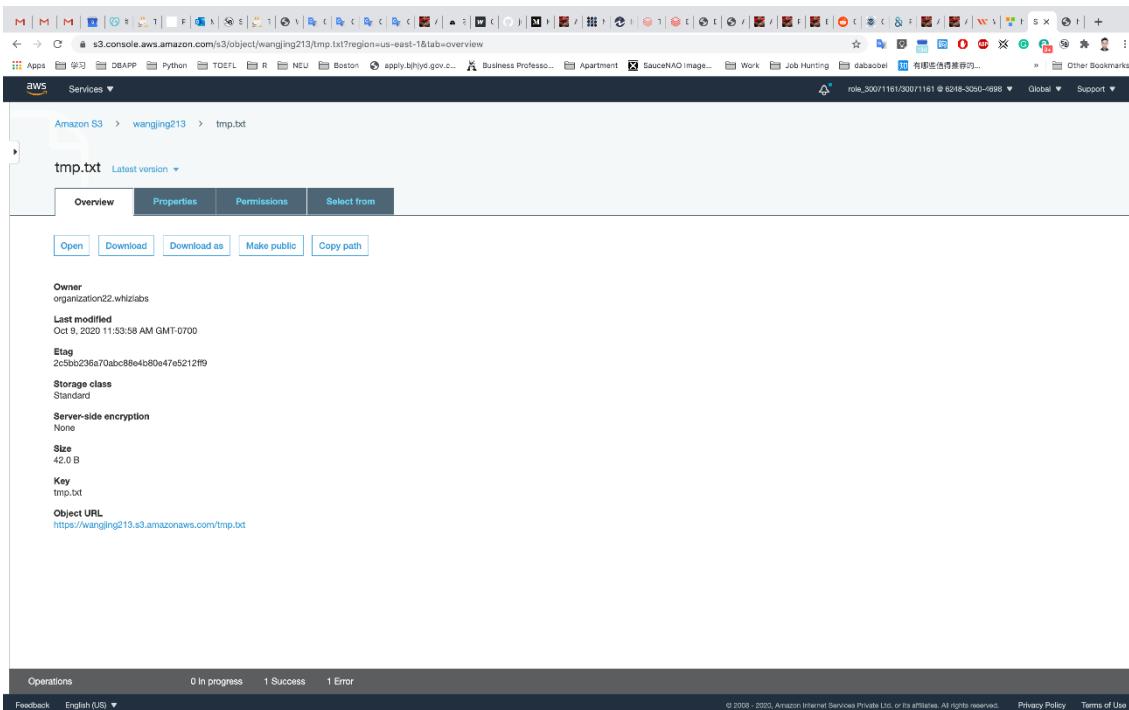
Deberías ver la última versión del archivo que subiste.

The screenshot shows the AWS S3 console with a bucket named 'wangjing213'. The 'Overview' tab is selected. A table lists one file: 'tmp.txt' (Last modified: Oct 9, 2020 11:48:47 AM GMT-0700, Size: 42.0 B, Storage class: Standard). Below the table, the 'Actions' dropdown menu is open, showing options like 'Upload', 'Create folder', 'Download', and 'Actions'. At the bottom of the page, there is an 'Operations' summary: 0 In progress, 1 Success, 0 Error.

Probando una versión anterior del archivo

Para habilitar la versión anterior del archivo, debemos eliminar la última versión del archivo.

Haga clic en el objetoURL



Haga clic en el nombre del archivo. En la sección superior (al lado del nombre del objeto) puede encontrar un menú desplegable de todas las versiones del archivo

llamadoLatest version

tmp.txt Latest version ▾

Oct 9, 2020 11:48:47 AM GMT-0700 (Latest version) Standard

Oct 9, 2020 11:39:18 AM GMT-0700 Standard

Owner
organization22.whizlabs

Last modified
Oct 9, 2020 11:48:47 AM GMT-0700

Etag
2c5b0b236a70abc88e4b80e47e5212ff

Storage class
Standard

Server-side encryption
None

Size
42.0 B

Key
tmp.txt

Object URL
<https://wangjing213.s3.amazonaws.com/tmp.txt>

Operations 0 In progress 1 Success 0 Error

Haga clic en el menú desplegable y elimine la última versión de su archivo.

tmp.txt Latest version ▾

Oct 9, 2020 11:39:18 AM GMT-0700 Standard

Open **Download** **Download as** **Make public** **Copy path**

Owner
organization22.whizlabs

Last modified
Oct 9, 2020 11:48:47 AM GMT-0700

Etag
2c5b0b236a70abc88e4b80e47e5212ff

Storage class
Standard

Server-side encryption
None

Size
42.0 B

Version ID
FZ7R0o1YkQn_DiWYH.pDDM121Td81xc_

Key
tmp.txt

Object URL
https://wangjing213.s3.amazonaws.com/tmp.txt?versionId=FZ7R0o1YkQn_DiWYH.pDDM121Td81xc_

Feedback English (US) ▾

Ahora actualice la URL de su objeto S3. Deberías ver la versión anterior del archivo que subiste.

Creación de una política de ciclo de vida de S3

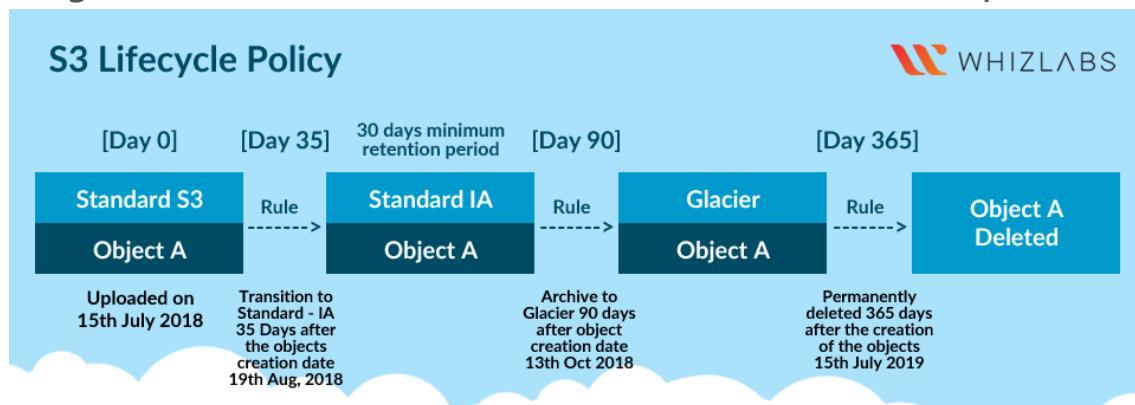
Detalles del laboratorio

1. Esta práctica de laboratorio lo guiará a través de los pasos sobre cómo crear una regla de ciclo de vida para un objeto en un depósito de S3.

Tareas de laboratorio

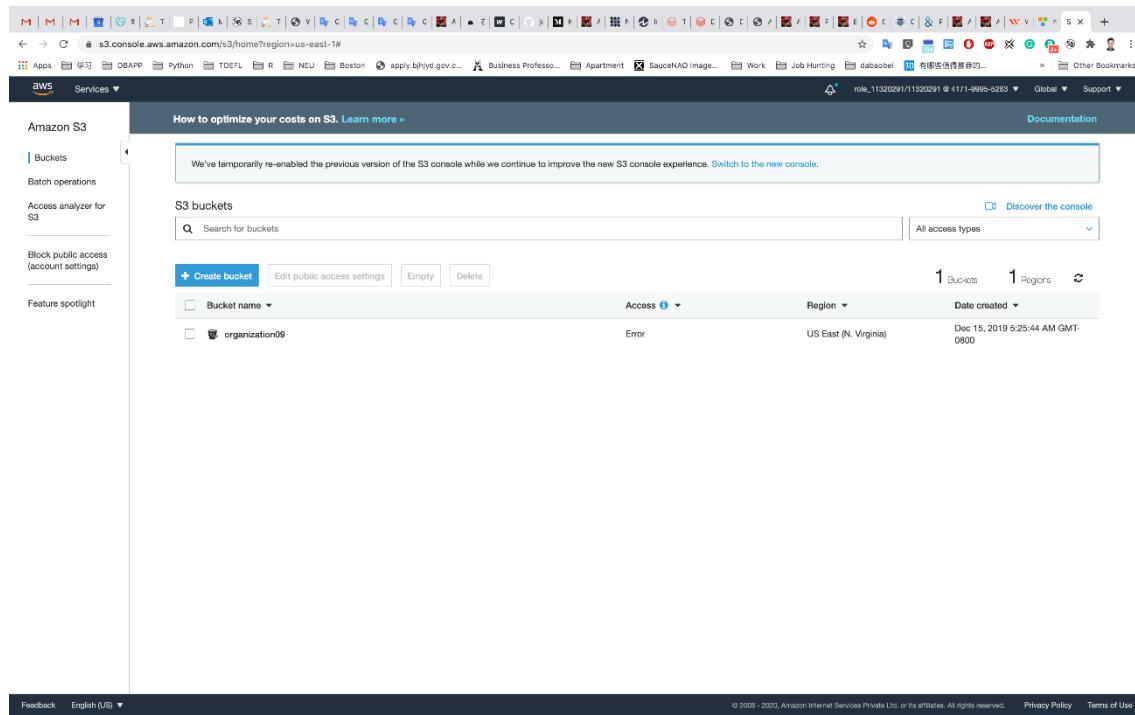
1. Inicie sesión en la Consola de administración de AWS.
2. Cree un depósito S3 y cargue un objeto en el depósito.
3. Cree una regla de ciclo de vida en el objeto.
4. Crear tipos de transición.
5. Crear vencimiento de transición.
6. Pruebe la regla del ciclo de vida en el objeto cargado.

Diagrama de arquitectura



Crear un depósito S3

En el panel de S3, haga clic en Create bucket y complete los detalles del depósito.



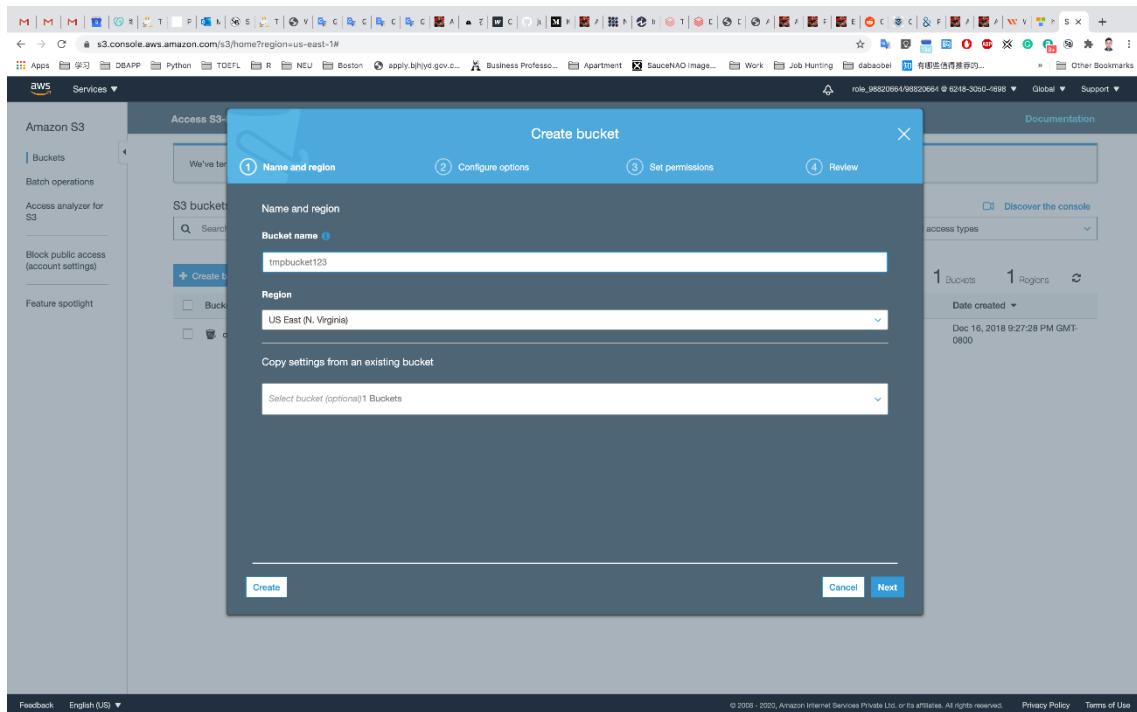
The screenshot shows the AWS S3 console interface. On the left, there's a sidebar with options like 'Buckets', 'Batch operations', 'Access analyzer for S3', 'Block public access (account settings)', and 'Feature spotlight'. The main area is titled 'How to optimize your costs on S3. Learn more ». It displays a message: 'We've temporarily re-enabled the previous version of the S3 console while we continue to improve the new S3 console experience. Switch to the new console.' Below this is a search bar labeled 'Search for buckets' and a button for 'Discover the console'. A table lists 'S3 buckets' with one entry: 'organization09' (Bucket name), 'Error' (Access), 'US East (N. Virginia)' (Region), and 'Dec 15, 2019 5:25:44 AM GMT-0800' (Date created). At the bottom, there are links for 'Feedback', 'English (US) ▾', 'Privacy Policy', and 'Terms of Use'.

- Nombre del depósito: Ingresar `inputYourBucketName`
 - Nota: Los nombres de los depósitos de S3 son únicos a nivel mundial; elija un nombre que esté disponible.
- Región: Seleccionar US East (N. Virginia)
- Deje otras configuraciones por defecto.

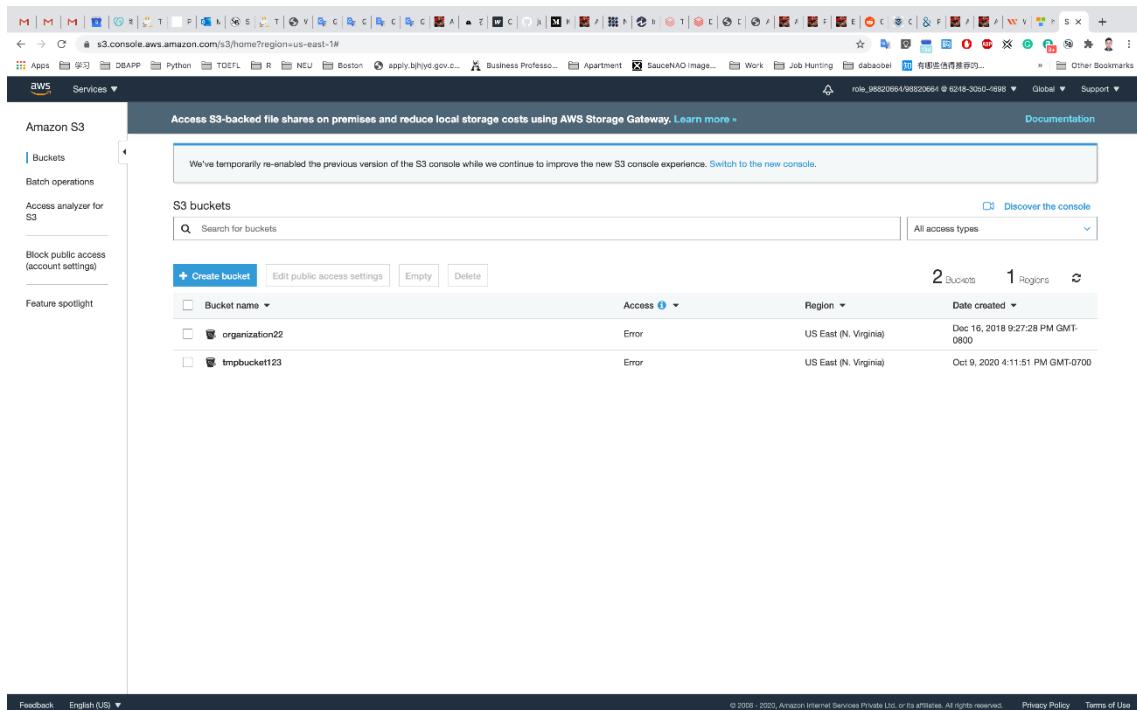
Haga

clic

enCreate



Cierra la ventana emergente si todavía está abierta.



Subir un objeto

Cargue cualquier archivo desde su máquina local.
En la página de lista de S3 Buck, haga clic en youBucketName

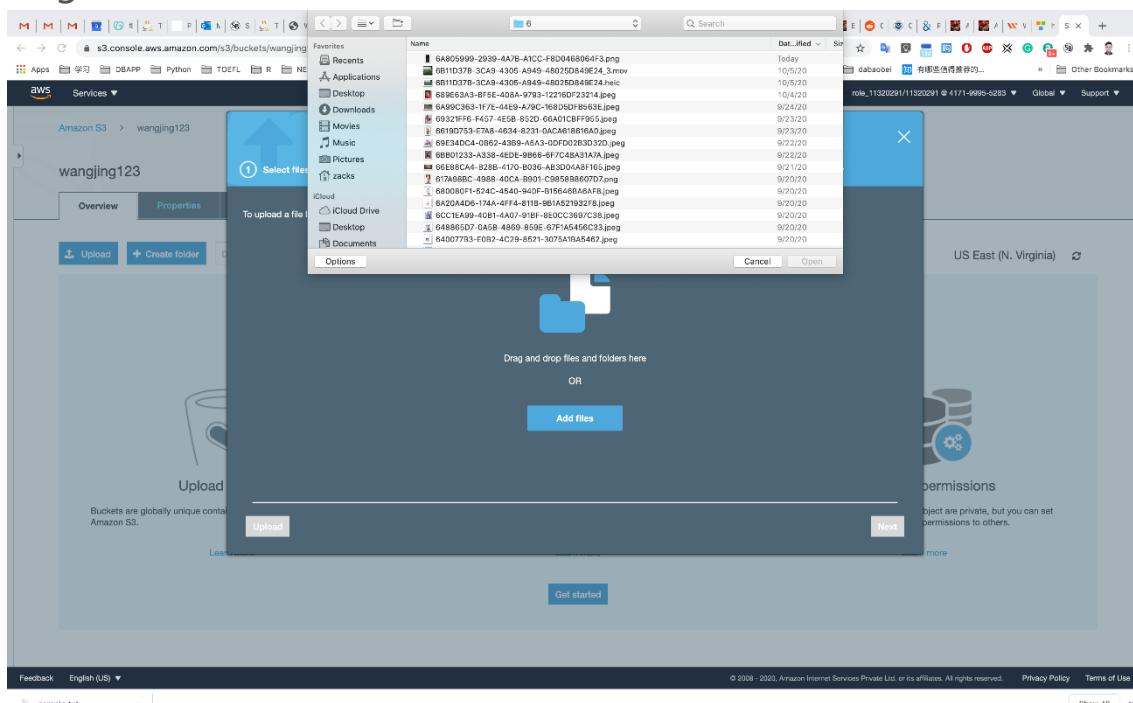
Haga clic en la pestaña Overview.

Haga clic en el Upload botón.

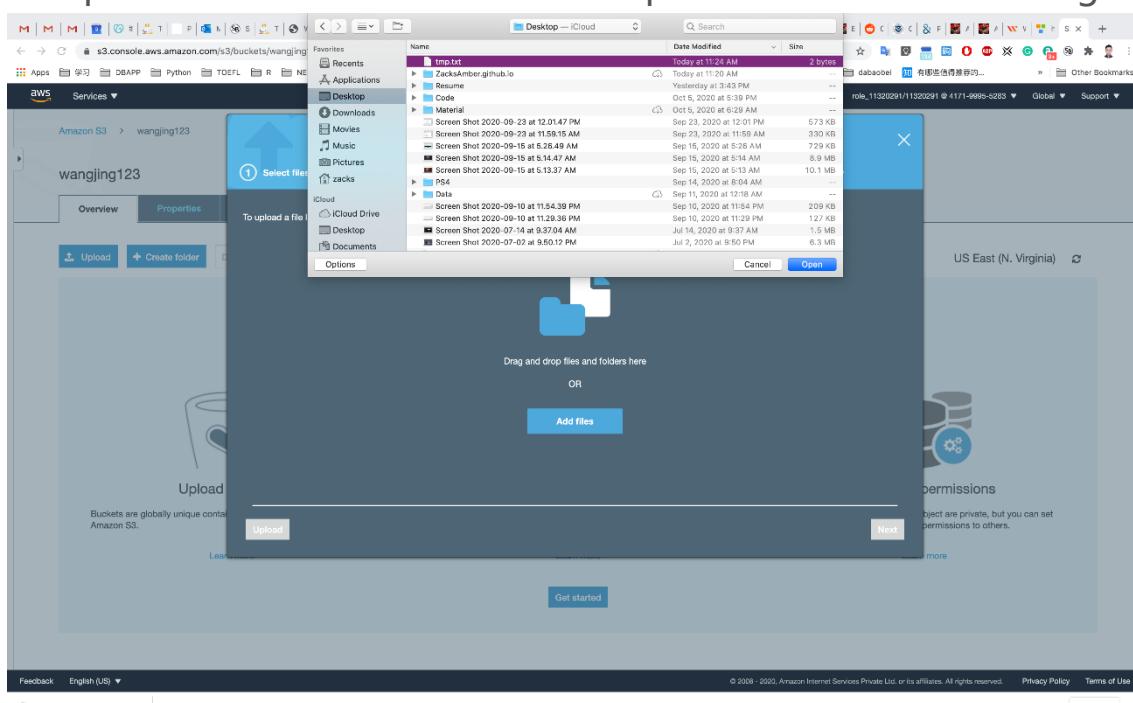
This screenshot shows the AWS S3 console interface. At the top, there's a navigation bar with various links like 'AWS Services', 'Amazon S3', and 'wangjing123'. Below the navigation bar, there's a toolbar with buttons for 'Upload', 'Create folder', 'Download', 'Actions', 'Versions', 'Hide', and 'Show'. The main area is titled 'wangjing123' and has tabs for 'Overview', 'Properties', 'Permissions', 'Management', and 'Access points'. The 'Overview' tab is selected. It features three main sections: 'Upload an object' (with a bucket icon), 'Set object properties' (with a user icon), and 'Set object permissions' (with a database icon). Each section has a 'Learn more' link and a 'Get started' button. The status bar at the bottom right says 'US East (N. Virginia)'.

This screenshot shows the 'Upload' wizard in the AWS S3 console. A modal window titled 'Upload' is open, divided into four steps: 1. Select files, 2. Set permissions, 3. Set properties, and 4. Review. Step 1 is active. It contains a large blue area with the text 'Drag and drop files and folders here' and a 'Add files' button below it. To the right, there's a sidebar with the heading 'permissions' and a note about object permissions being private by default. The background shows the 'Overview' tab of the S3 bucket 'wangjing123'.

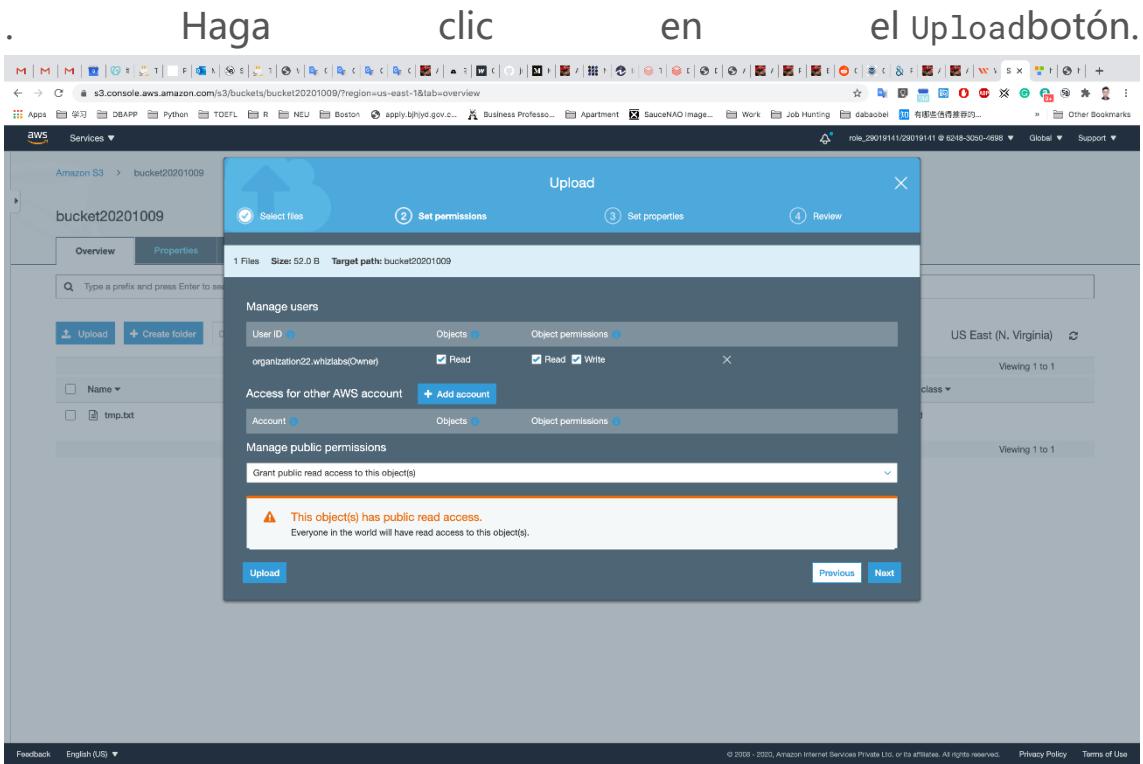
Haga clic en el Add files botón.



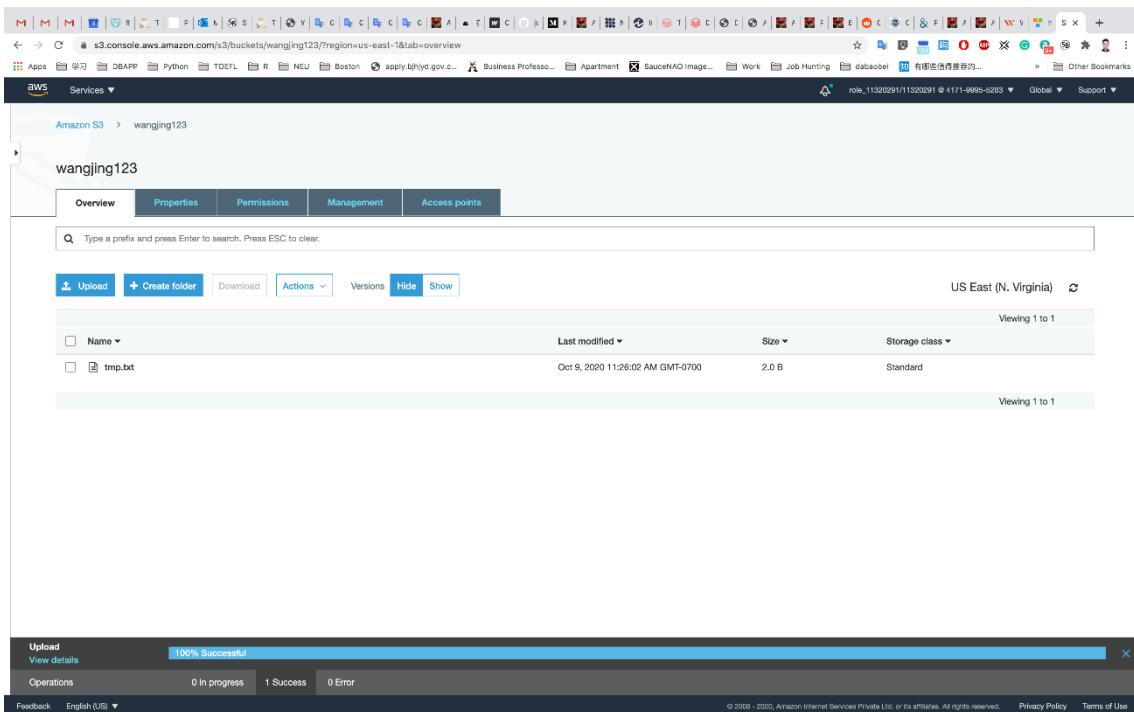
Busque el archivo que desea cargar.



Haga clic en **Next** y otorgue acceso público de lectura a este(s) proyecto(s)



Puedes ver el progreso de la carga desde el panel de transferencia en la parte inferior de la pantalla. Si es un archivo pequeño, es posible que no veas la transferencia. Una vez que se haya cargado su archivo, se mostrará en el depósito.



Crear una regla de ciclo de vida

Haga clic en la Management pestaña.

The screenshot shows the AWS S3 console interface. At the top, there's a navigation bar with various links like 'Amazon S3', 'tmpbucket123', 'Overview', 'Properties', 'Permissions', 'Management' (which is highlighted in blue), and 'Access points'. Below the navigation is a search bar with placeholder text 'Type a prefix and press Enter to search. Press ESC to clear.' Underneath are buttons for 'Upload', '+ Create folder', 'Download', and 'Actions'. To the right, it says 'US East (N. Virginia)' and 'Viewing 1 to 1'. A table lists the object 'tmp.txt' with columns for Name, Last modified, Size, and Storage class. The object was last modified on Oct 9, 2020 at 4:15:22 PM GMT-0700, has a size of 52.0 B, and is in the Standard storage class. At the bottom of the page, there's a footer with 'Operations' (0 In progress, 1 Success, 0 Error), 'Feedback', 'English (US)', and links to 'Privacy Policy' and 'Terms of Use'.

Haga clic en Add lifecycle rule para crear una regla de ciclo de vida para el objeto cargado.

The screenshot shows the AWS S3 console interface again, but this time the 'Lifecycle' tab is selected under the 'Management' section for the 'tmpbucket123' bucket. The page title is 'tmpbucket123'. Below the title, there are tabs for 'Lifecycle' (selected), 'Replication', 'Analytics', 'Metrics', and 'Inventory'. There are buttons for '+ Add lifecycle rule', 'Edit', 'Delete', and 'Actions'. A message states 'There is no lifecycle rule applied to this bucket. Here is how to get started.' Below this are three cards: 1) 'Use lifecycle rules to manage your objects' with an icon of a computer monitor and gear, and text explaining lifecycle rules manage object lifetimes. 2) 'Automate transition to tiered storage' with an icon of three stacked cylinders, and text explaining how lifecycle rules enable tiered storage. 3) 'Expire your objects' with an icon of a trash bin, and text explaining how lifecycle rules can automatically expire objects. Each card has a 'Learn more' button. At the bottom, there's a footer with 'Operations' (0 In progress, 1 Success, 0 Error), 'Feedback', 'English (US)', and links to 'Privacy Policy' and 'Terms of Use'.

Ingrese el nombre de la regla: tmpLifecycle
 agregue un filtro para limitar el alcance a prefijos/etiquetas: tmp
 elija el prefijo tmp en el menú desplegable y haga clic en Next.

The screenshot shows the AWS S3 console for a bucket named 'tmpbucket123'. In the 'Lifecycle' tab, a new rule is being created. Step 1: 'Name and scope' shows 'tmpLifecycle' entered in the rule name field and 'tmp' in the prefix filter dropdown. Step 2: 'Transitions' is the active step. Step 3: 'Expiration' is shown. Step 4: 'Review' is shown. A 'Next' button is visible at the bottom right of the dialog.

Transición de clase de almacenamiento: Seleccionar Current version

The screenshot shows the AWS S3 console for a bucket named 'tmpbucket123'. In the 'Lifecycle' tab, a new rule is being created. Step 1: 'Name and scope' shows 'tmpLifecycle' entered in the rule name field and 'tmp' in the prefix filter dropdown. Step 2: 'Transitions' is the active step, showing 'Storage class transition' with 'Current version' selected. Step 3: 'Expiration' is shown. Step 4: 'Review' is shown. A 'Next' button is visible at the bottom right of the dialog.

Para versiones actuales de objetos: haga clic en Add transition

- Nota: actualmente el control de versiones está deshabilitado, por lo que no podemos acceder a versiones anteriores del objeto.

Creación de objetos: seleccione **Transición a una zona-IA después** de la lista desplegable.

- Días después de la creación: Ingrese 35.

Haga clic en Add transition.

Seleccione **Transición al glaciar después** en la lista desplegable. Cuando se le solicite una cantidad de días antes de mudarse al Glaciar, ingrese 90.

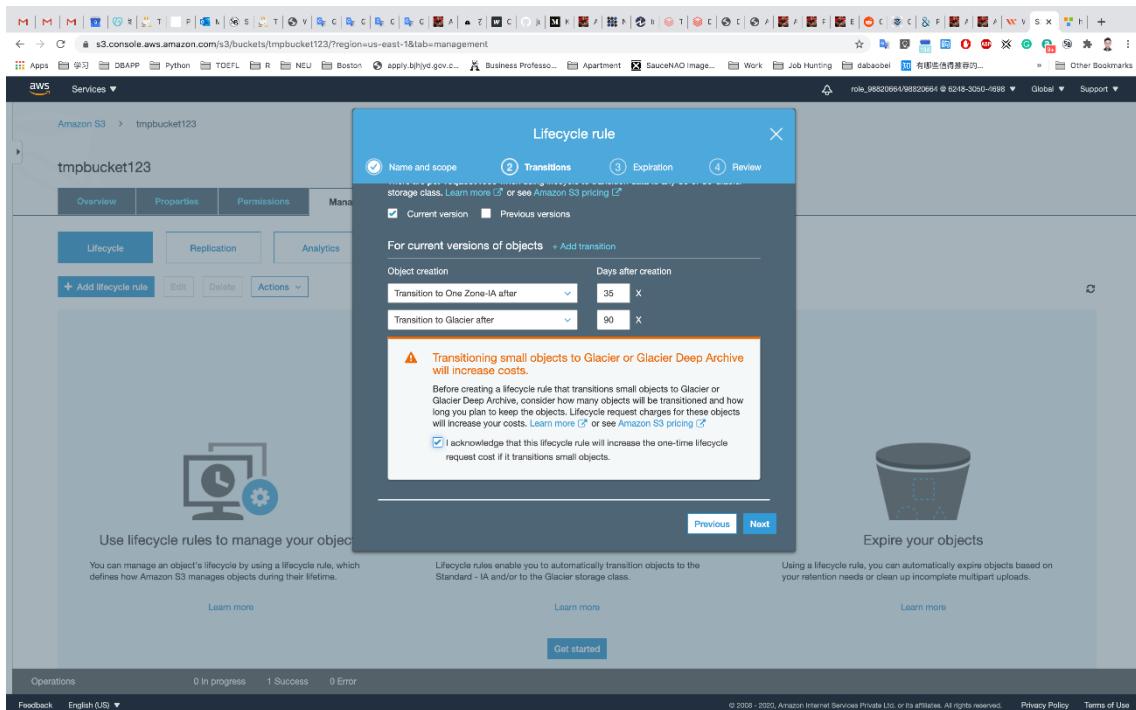
Haga clic en la casilla de verificación que dice **Reconozco que esta regla de ciclo de vida aumentará el costo único de la solicitud de ciclo de vida si pasa a objetos pequeños**.

Haga clic en Next.

Nota:

- Inicialmente, cuando se carga el objeto, estará en la clase de almacenamiento estándar.
- Cuando creamos una Política de ciclo de vida, el objeto cargado usando la regla de ciclo de vida se migrará a One Zone-IA después de 35 días. Esto significa que el objeto estará disponible solo en una zona de disponibilidad única después de 35 días.
- Despues de 90 días, nuestro objeto migrará a Glacier. Esto significa que nuestro objeto estará en estado archivado.

Tendrías que recuperar el objeto de Glacier antes de acceder a él.



Crear vencimiento: seleccionar Current version

Caducar la versión actual de un objeto: Ingrese 120.

Seleccione la Clean up incomplete multipart uploads casilla de verificación.

Nota : Deje el número de días en 7(valor predeterminado). Esto significa que los objetos que no se hayan cargado correctamente se eliminarán después de 7 días.

Lifecycle rule

Name and scope Transitions Expiration Review

Configure expiration

Current version Previous versions

Expire current version of object 1

After days from object creation

Clean up expired object delete markers and incomplete multipart uploads

Clean up expired object delete markers 1

You cannot enable clean up expired object delete markers if you enable Expiration.

Clean up incomplete multipart uploads 1

After days from start of upload

Previous Next

Use lifecycle rules to manage your objects

You can manage an object's lifecycle by using a lifecycle rule, which defines how Amazon S3 manages objects during their lifetime.

Operations 0 In progress 1 Success 0 Error

Feedback English (US) ▾

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Antes de guardar, verifique las configuraciones (puede regresar y editar más tarde si necesita cambiar algo). Haga clic Edit.

Haga clic en Save.

Lifecycle rule

Name and scope Transitions Expiration Review

Name and scope

Name tmpLifecycle

Scope tmp

Transitions

For current version of objects

Transition to One Zone-IA after 35 days

Transition to Glacier after 90 days

Expiration

Expire after 120 days

Clean up incomplete multipart uploads after 7 days

Previous Save

Use lifecycle rules to manage your objects

You can manage an object's lifecycle by using a lifecycle rule, which defines how Amazon S3 manages objects during their lifetime.

Operations 0 In progress 1 Success 0 Error

Feedback English (US) ▾

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La regla del ciclo de vida para nuestro objeto ahora se creará y habilitará.

The screenshot shows the AWS S3 console interface. The top navigation bar includes links for Overview, Properties, Permissions, Management, and Access points. Under Management, the Lifecycle tab is selected. A sub-menu bar below shows Lifecycle, Replication, Analytics, Metrics, and Inventory. A button labeled '+ Add lifecycle rule' is visible. Below this, a table lists a single lifecycle rule:

Lifecycle rule	Applied to	Actions for current version	Actions for previous version(s)
tmpLifecycle	prefix : tmp	One Zone-IA / Glacier / Expire	-

At the bottom of the page, there is an Operations summary: 0 In progress, 1 Success, 0 Error. The footer contains links for Feedback, English (US), Privacy Policy, and Terms of Use.

Finalización y conclusión

1. Ha utilizado con éxito la consola de administración de AWS para crear una regla de ciclo de vida para el objeto en el depósito de S3.
2. Ha configurado los detalles de una regla de ciclo de vida.