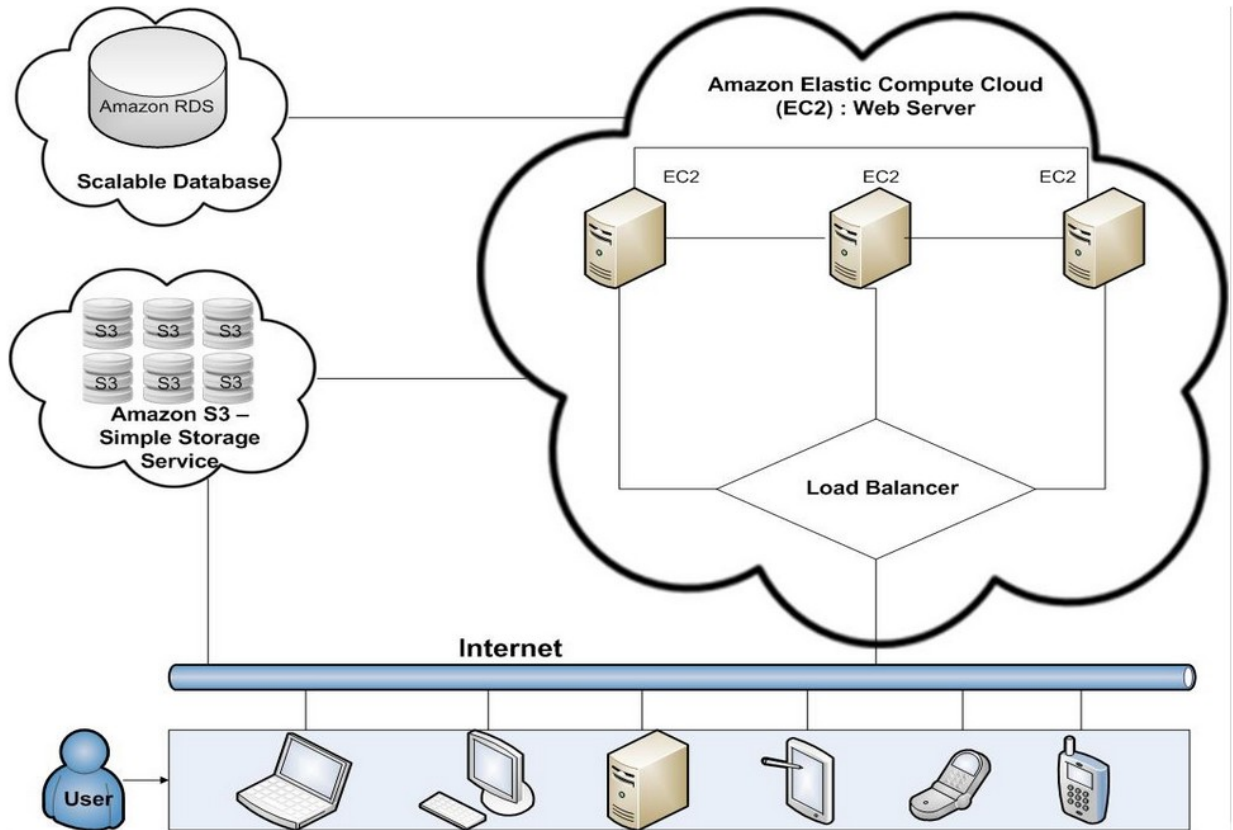
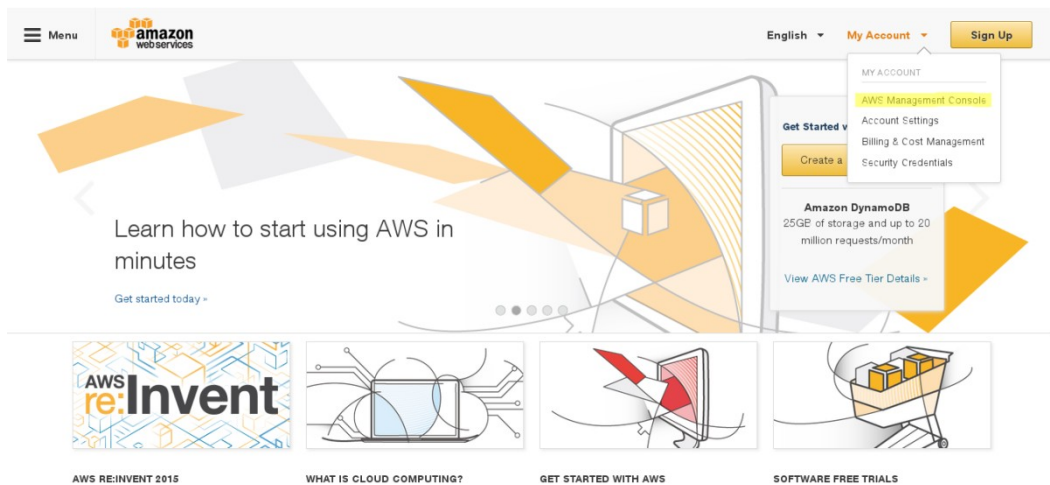


Chapter 1: Know-How about S3





Chapter 2: S3 using the AWS Management Console





Sign In or Create an AWS Account

You may sign in using your existing Amazon.com account or you can create a new account by selecting "I am a new user."

My e-mail address is:

- I am a new user.
- I am a returning user and my password is:

[Sign in using our secure server](#)

[Forgot your password?](#)

[Has your e-mail address changed?](#)

Learn more about [AWS Identity and Access Management](#) and [AWS Multi-Factor Authentication](#), features that provide additional security for your AWS Account. View full [AWS Free Usage Tier](#) offer terms.

AWS re:Invent

Registration now open

October 6 – 9, 2015
The Venetian, Las Vegas, NV

[Register Now](#)

The screenshot shows the AWS Services console interface. At the top, there is a navigation bar with the AWS logo, a dropdown menu for 'Services', and an 'Edit' button. On the right side of the navigation bar, the user's name 'Sunil Gulabani', location 'Singapore', and a 'Support' link are visible. The main content area is titled 'Amazon Web Services' and is organized into several columns of service categories:

- Compute:** EC2 (Virtual Servers in the Cloud), Lambda (Run Code in Response to Events), EC2 Container Service (Run and Manage Docker Containers).
- Storage & Content Delivery:** S3 (Scalable Storage in the Cloud), Elastic File System (Fully Managed File System for EC2), Storage Gateway (Integrates On-Premises IT Environments with Cloud Storage), Glacier (Archive Storage in the Cloud), CloudFront (Global Content Delivery Network).
- Database:** RDS (MySQL, Postgres, Oracle, SQL Server, and Amazon Aurora), DynamoDB (Predictable and Scalable NoSQL Data Store), ElastiCache (In-Memory Cache), Redshift (Managed Petabyte-Scale Data Warehouse Service).
- Networking:** VPC (Isolated Cloud Resources), Direct Connect (Dedicated Network Connection to AWS), Route 53 (Scalable DNS and Domain Name Registration).
- Administration & Security:** Directory Service (Managed Directories in the Cloud), Identity & Access Management (Access Control and Key Management), Trusted Advisor (AWS Cloud Optimization Expert), CloudTrail (User Activity and Change Tracking), Config (Resource Configurations and Inventory), CloudWatch (Resource and Application Monitoring).
- Deployment & Management:** Elastic Beanstalk (AWS Application Container), OpsWorks (Dev-Ops Application Management Service), CloudFormation (Templated AWS Resource Creation), CodeDeploy (Automated Deployments).
- Analytics:** EMR (Managed Hadoop Framework), Kinesis (Real-time Processing of Streaming Big Data), Data Pipeline (Orchestration for Data-Driven Workflows), Machine Learning (Build Smart Applications Quickly and Easily).
- Application Services:** SQS (Message Queue Service), SWF (Workflow Service for Coordinating Application Components), AppStream (Low Latency Application Streaming), Elastic Transcoder (Easy-to-use Scalable Media Transcoding), SES (Email Sending Service), CloudSearch (Managed Search Service).
- Mobile Services:** Cognito (User Identity and App Data Synchronization), Mobile Analytics (Understand App Usage Data at Scale), SNS (Push Notification Service).
- Enterprise Applications:** WorkSpaces (Desktops in the Cloud), WorkDocs (Secure Enterprise Storage and Sharing Service), WorkMail (Secure Email and Calendaring Service).

On the right side of the console, there are sections for 'Resource Groups' (with 'Create a Group' and 'Tag Editor' buttons), 'Additional Resources' (including 'Getting Started', 'AWS Console Mobile App', 'AWS Marketplace', and 'AWS Summit - San Francisco'), and 'Service Health' (showing 'All services operating normally' and a 'Service Health Dashboard' link).

Welcome to Amazon Simple Storage Service

Amazon S3 is storage for the Internet. It is designed to make web-scale computing easier for developers.

Amazon S3 provides a simple web services interface that can be used to store and retrieve any amount of data, at any time, from anywhere on the web. It gives any developer access to the same highly scalable, reliable, secure, fast, inexpensive infrastructure that Amazon uses to run its own global network of web sites. The service aims to maximize benefits of scale and to pass those benefits on to developers.

You can read, write, and delete objects ranging in size from 1 byte to 5 terabytes each. The number of objects you can store is unlimited. Each object is stored in a bucket with a unique key that you assign.

Get started by simply creating a bucket and uploading a test object, for example a photo or .txt file.

[Create Bucket](#)

Additional Information

- [Getting Started Guide](#)
- [Documentation](#)
- [All S3 Resources](#)

S3 at a glance



Welcome to Amazon Simple Storage Service

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Amazon S3 provides a simple web services interface that can be used to store and retrieve any amount of data, at any time, from anywhere on the web. It gives any developer access to the same highly scalable, reliable, secure, fast, inexpensive infrastructure that Amazon uses to run its own global network of web sites. The service aims to maximize benefits of scale and to pass those benefits on to developers.

You can read, write, and delete objects ranging in size from 1 byte to 5 terabytes each. The number of objects you can store is unlimited. Each object is stored in a bucket with a unique key that you assign.

Get started by simply creating a bucket and uploading a test object, for example a photo or .txt file.

[Create Bucket](#)

Additional Information

S3 at a glance



Create a Bucket - Select a Bucket Name and Region Cancel x

A bucket is a container for objects stored in Amazon S3. When creating a bucket, you can choose a Region to optimize for latency, minimize costs, or address regulatory requirements. For more information regarding bucket naming conventions, please visit the [Amazon S3 documentation](#).

Bucket Name:

Region:

[Set Up Logging >](#) [Create](#) [Cancel](#)

Create a Bucket - Select a Bucket Name and Region

Cancel

A bucket is a container for objects stored in Amazon S3. When creating a bucket, you can choose a Region to optimize for latency, minimize costs, or address regulatory requirements. For more information regarding bucket naming conventions, please visit the [Amazon S3 documentation](#).

Bucket Name:

Region:

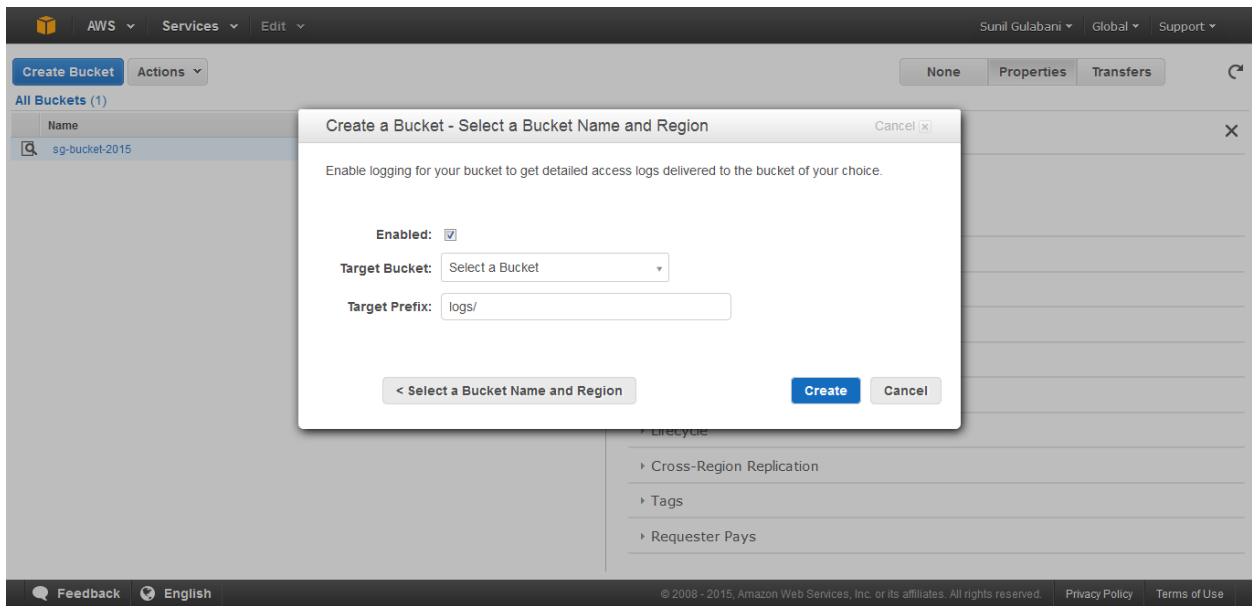
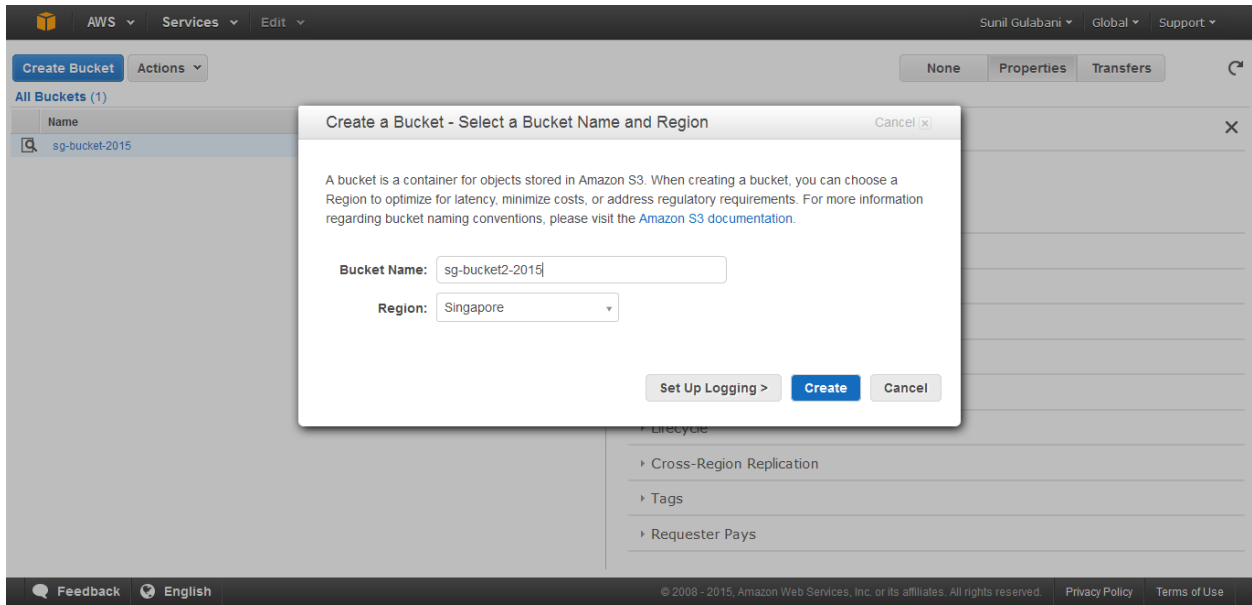
- Singapore ▲
- US Standard
- Oregon
- Northern California
- Ireland
- Singapore
- Tokyo
- Sydney
- Sao Paulo
- Frankfurt

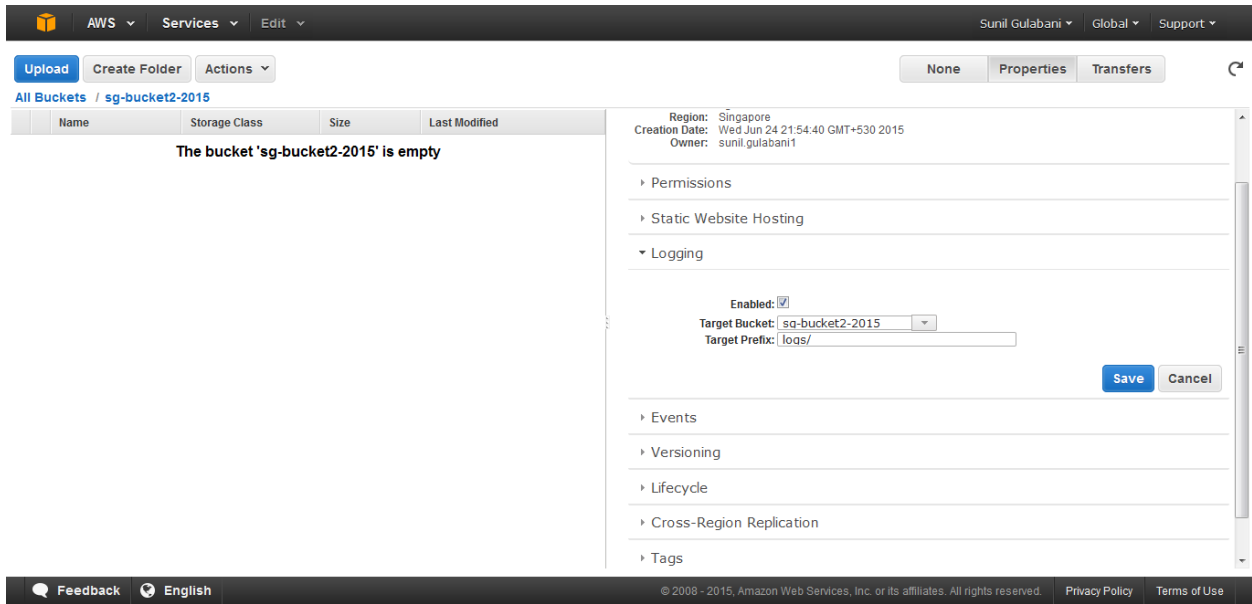
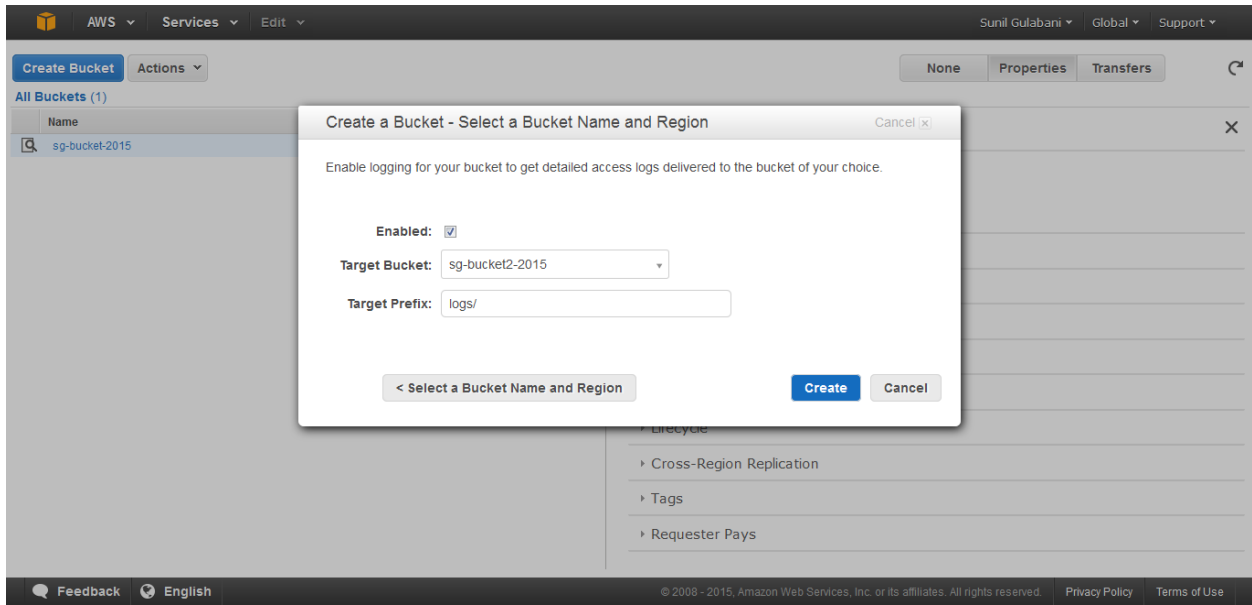
Set Up Logging >

Create

Cancel

The screenshot shows the AWS Management Console interface. At the top, there is a navigation bar with the AWS logo, 'AWS', 'Services', and 'Edit' menus. On the right, it shows the user 'Sunil Gulabani', 'Global', and 'Support' options. Below the navigation bar, there is a 'Create Bucket' button and an 'Actions' dropdown menu. The main content area is divided into two sections. On the left, under 'All Buckets (1)', there is a table with one entry: 'sg-bucket-2015'. On the right, a detailed view for the bucket 'sg-bucket-2015' is shown. This view includes a close button (X) and the following information: Bucket: sg-bucket-2015, Region: Singapore, Creation Date: Mon Jun 15 18:06:54 GMT+530 2015, and Owner: sunil.gulabani1. Below this information is a list of configuration options, each with a right-pointing arrow: Permissions, Static Website Hosting, Logging, Events, Versioning, Lifecycle, Cross-Region Replication, Tags, and Requester Pays. At the bottom of the console, there is a footer with 'Feedback', 'English', and copyright information: '© 2008 - 2015, Amazon Web Services, Inc. or its affiliates. All rights reserved.' along with links for 'Privacy Policy' and 'Terms of Use'.





Upload Create Folder Actions

None Properties Transfers

All Buckets / sg-bucket2-2015

Name	Storage Class	Size	Last Modified
logs			

Upload Create Folder Actions

None Properties Transfers

All Buckets / sg-bucket2-2015 / logs

Name	Storage Class	Size	Last Modified
2015-06-24-17-22-14-35A3D202B74BDF90	Standard	298 bytes	Wed Jun 24 22:52:15 GMT+530 2015
2015-06-24-17-22-59-D79BE38C8A4D125B	Standard	666 bytes	Wed Jun 24 22:53:00 GMT+530 2015
2015-06-24-17-24-16-C167E64FC13DEF1A	Standard	923 bytes	Wed Jun 24 22:54:17 GMT+530 2015
2015-06-24-17-24-33-AF508A1A315B9C67	Standard	298 bytes	Wed Jun 24 22:54:34 GMT+530 2015
2015-06-24-17-27-24-8363A7E07A3AC548	Standard	5.5 KB	Wed Jun 24 22:57:25 GMT+530 2015
2015-06-24-17-27-33-E9185F1E91A4AC5C	Standard	4.3 KB	Wed Jun 24 22:57:34 GMT+530 2015
2015-06-24-17-32-28-AC6A4DA4181484AD	Standard	4.6 KB	Wed Jun 24 23:02:29 GMT+530 2015
2015-06-24-17-36-53-D811D2DC2DE42D85	Standard	1.2 KB	Wed Jun 24 23:06:54 GMT+530 2015
2015-06-24-18-20-53-1F203184B3CA4244	Standard	379 bytes	Wed Jun 24 23:50:54 GMT+530 2015
2015-06-24-18-22-13-035835E53010879	Standard	377 bytes	Wed Jun 24 23:52:14 GMT+530 2015
2015-06-24-18-23-35-1B7A6B1ABA144841	Standard	379 bytes	Wed Jun 24 23:53:36 GMT+530 2015
2015-06-24-18-25-19-8D18C2C8884000E0	Standard	376 bytes	Wed Jun 24 23:55:20 GMT+530 2015
2015-06-24-18-25-42-03D01CA3F0BF39C6	Standard	378 bytes	Wed Jun 24 23:55:44 GMT+530 2015
2015-06-24-18-32-43-F580F7543C6A3E20	Standard	1.1 KB	Thu Jun 25 00:02:44 GMT+530 2015
2015-06-24-19-23-08-B1514A0468B45000	Standard	378 bytes	Thu Jun 25 00:53:09 GMT+530 2015
2015-06-24-19-24-35-8A0908D80B3F6D4C	Standard	377 bytes	Thu Jun 25 00:54:36 GMT+530 2015
2015-06-24-19-32-51-347D5D24416C63D0	Standard	754 bytes	Thu Jun 25 01:02:52 GMT+530 2015
2015-06-24-19-35-42-F7A4A096449A855D	Standard	756 bytes	Thu Jun 25 01:05:44 GMT+530 2015

AWS Services Edit Sunil Gulabani Global Support

Upload Create Folder Actions

None Properties Transfers

All Buckets / sg-bucket-2015

Name	Storage Class	Size	Last Modified
------	---------------	------	---------------

The bucket 'sg-bucket-2015' is empty

- Create Folder...
- Upload
- Paste

S3 Management Console

https://console.aws.amazon.com/s3/home?region=ap-southeast-1&bucket=sg-bucket-2015&prefix=

AWS Services Edit Sunil Gulabani Global Support

Upload Create Folder Actions

None Properties Transfers

All Buckets / sg-bucket-2015

Name	Storage Class	Size	Last Modified
sq-folded			

The bucket 'sg-bucket-2015' is empty

AWS Services Edit Sunil Gulabani Global Support

Upload Create Folder Actions

All Buckets / sg-bucket-2015 / sg-folder

Name	Storage Class	Size	Last Modified
The folder 'sg-folder' is empty			

Create Folder...
Upload
Paste

Folder: sg-folder

Bucket: sg-bucket-2015
Name: sg-folder

Details

For all selected items:

Storage Class: Standard Reduced Redundancy
Existing values will remain unchanged

Server Side Encryption: None AES-256
Existing values will remain unchanged

Save Cancel

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AWS Services Edit Sunil Gulabani Global Support

Upload Create Folder Actions

All Buckets / sg-bucket-2015

Name	Storage Class	Size	Last Modified
sg-folder		--	--

Open
Make Public
Delete
Initiate Restore
Cut
Copy
Paste Into
Properties

Folder: sg-folder

Bucket: sg-bucket-2015
Name: sg-folder

Details

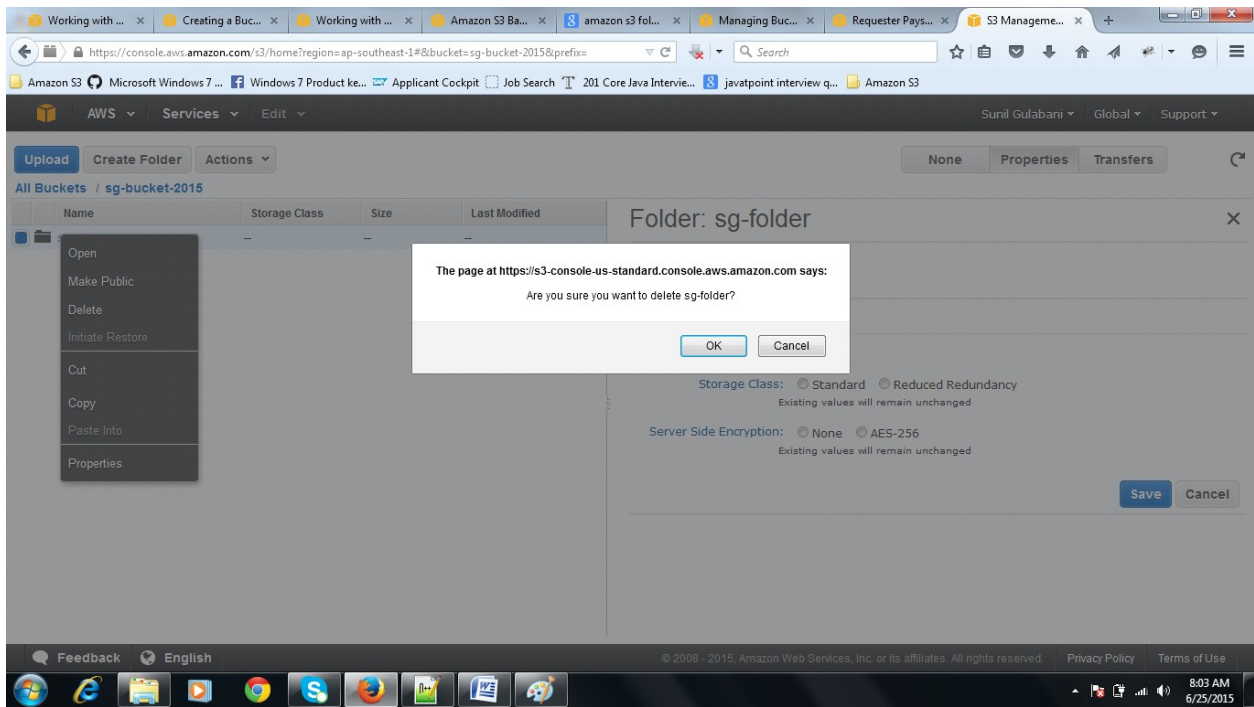
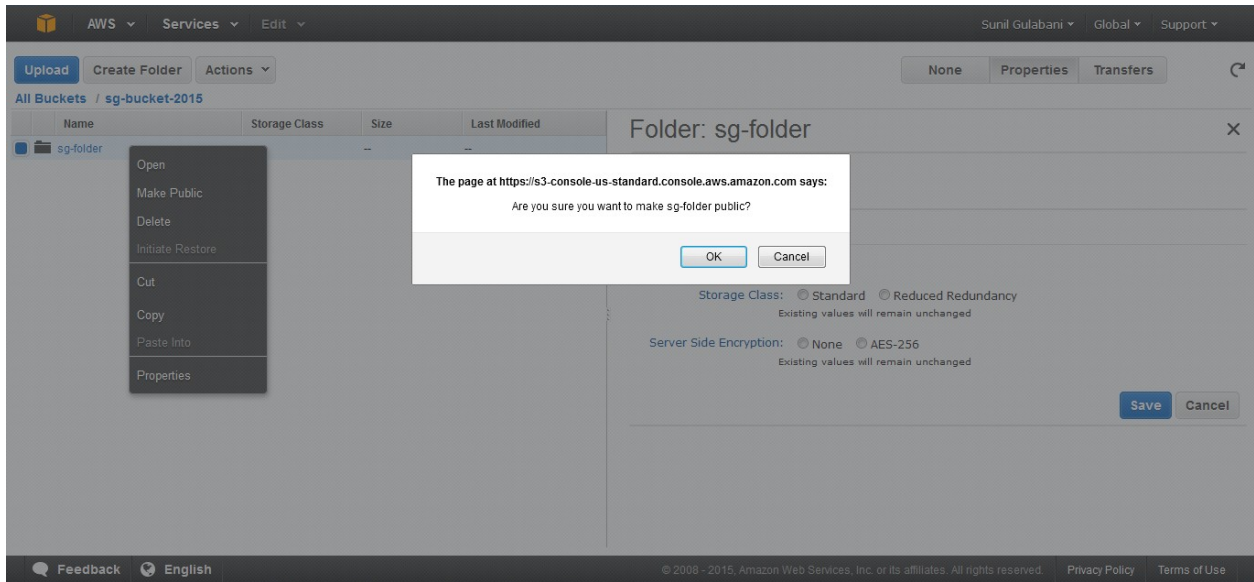
For all selected items:

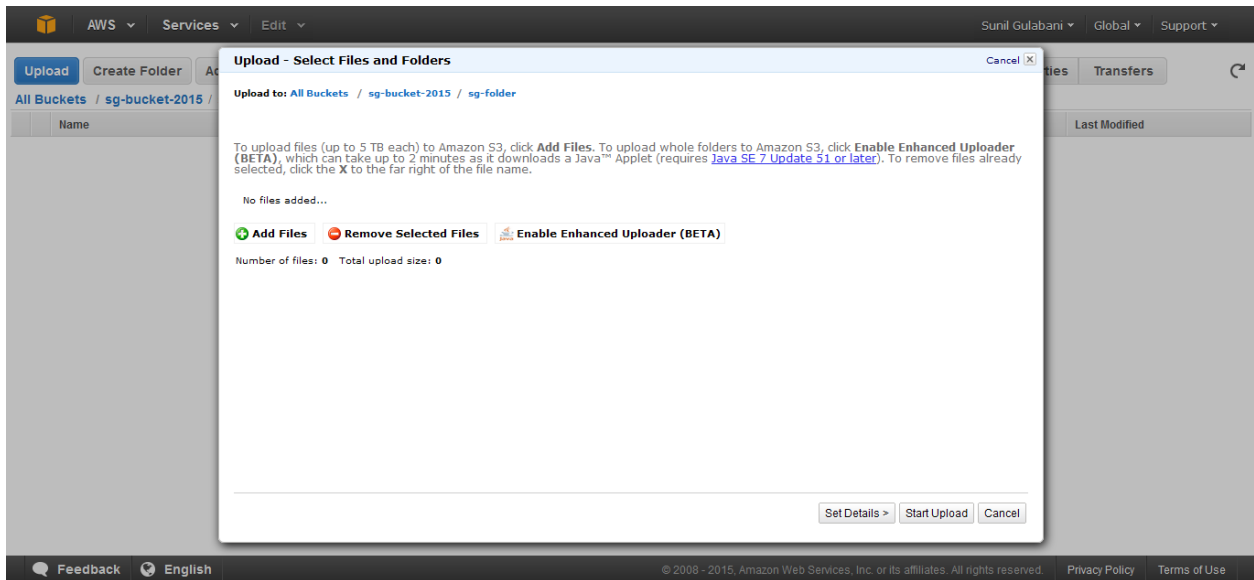
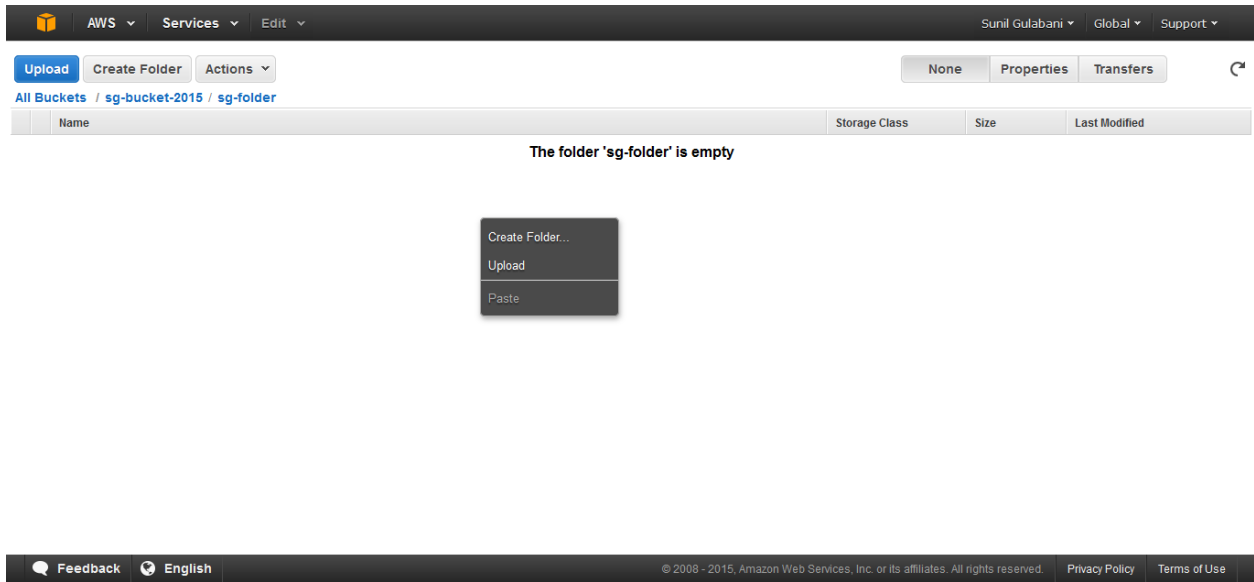
Storage Class: Standard Reduced Redundancy
Existing values will remain unchanged

Server Side Encryption: None AES-256
Existing values will remain unchanged

Save Cancel

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AWS Services Edit Sunil Gulabani Global Support

Upload Create Folder Actions None Properties Transfers

All Buckets / sg-bucket-2015 / sg-folder

Name	Storage Class	Size	Last Modified
<input type="checkbox"/> index - 1.html	Standard	58 bytes	Sun Jun 28 13:41:01 GMT+530 2
<input type="checkbox"/> index - 2.html	Standard	58 bytes	Sun Jun 28 13:41:01 GMT+530 2
<input type="checkbox"/> index.html	Standard	58 bytes	Sun Jun 28 13:40:59 GMT+530 2

Transfers

Automatically clear finished transfers

Done

Upload: Uploading 3 items to sg-bucket-2015

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Set Details Cancel

Upload to: All Buckets / sg-bucket-2015 / sg-folder

Details: Set additional details for all of the objects you upload. You can choose between Standard Storage and [Reduced Redundancy Storage](#). You can also choose whether or not to [encrypt your files](#).

Use Reduced Redundancy Storage

Use Server Side Encryption [Learn more](#)

- Use the Amazon S3 service master key
S3 will decrypt the object for anyone with permission to access this object.
- Use an AWS Key Management Service master key
S3 will decrypt the object for anyone with permission to access this object and permission to use the master key.

< Select Files Set Permissions > Start Upload Cancel

Set Permissions

Cancel 

Upload to: [All Buckets](#) / [sg-bucket-2015](#) / [sg-folder](#)

Permissions: Grant or remove permissions for specific accounts. By default, you are granted full control of all objects you upload to Amazon S3 using the AWS Management Console.

Grant me full control Make everything public

No permissions added...

 **Add more permissions**  **Remove selected permissions**

[< Set Details](#) [Set Metadata >](#) [Start Upload](#) [Cancel](#)

Set Permissions

Cancel 

Upload to: [All Buckets](#) / [sg-bucket-2015](#) / [sg-folder](#)

Permissions: Grant or remove permissions for specific accounts. By default, you are granted full control of all objects you upload to Amazon S3 using the AWS Management Console.

Grant me full control Make everything public

Grantee:	<input type="text"/>	<input type="checkbox"/> Open/Download	<input type="checkbox"/> View Permissions	<input type="checkbox"/> Edit Permissions	X
Grantee:	Everyone	<input type="checkbox"/> Open/Download	<input type="checkbox"/> View Permissions	<input type="checkbox"/> Edit Permissions	X
Grantee:	Authenticated Users	<input type="checkbox"/> Open/Download	<input type="checkbox"/> View Permissions	<input type="checkbox"/> Edit Permissions	X
Grantee:	Log Delivery	<input type="checkbox"/> Open/Download	<input type="checkbox"/> View Permissions	<input type="checkbox"/> Edit Permissions	X
Grantee:	Me	<input type="checkbox"/> Open/Download	<input type="checkbox"/> View Permissions	<input type="checkbox"/> Edit Permissions	X

 **Add more permissions**  **Remove selected permissions**

[< Set Details](#) [Set Metadata >](#) [Start Upload](#) [Cancel](#)

Set Metadata

Cancel 

Upload to: [All Buckets](#) / [sg-bucket-2015](#) / [sg-folder](#)

Metadata: Add metadata to all of the objects you upload. You can specify common HTTP headers, such as Content-Type and Content-Disposition, as well as custom metadata for these.

Figure out content types automatically

Key: Value: X



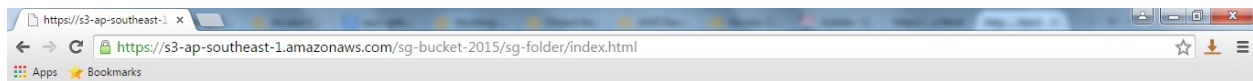
Add

- Cache-Control
 - Content-Disposition
 - Content-Type
 - Content-Language
 - Expires
 - Content-Encoding
 - Website Redirect Location
 - x-amz-meta-
- ve selected metadata

< Set Permissions

Start Upload

Cancel



This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Error>
  <Code>AccessDenied</Code>
  <Message>Access Denied</Message>
  <RequestId>C1647F5371F3426C</RequestId>
  <HostId>
    vzlWTT6quSF5UEUKT1Zjml8K/q1fUy5Zwswf+n7yQyFeyVnc7hqz8SD6u3rNq6iPkn5lV6xIDEY=
  </HostId>
</Error>
```

AWS Services Edit Sunil Gulabani Global Support

Upload Create Folder Actions

All Buckets / sg-bucket-2015 / sg-folder

Name	Storage Class	Size	Last Modified
<input type="checkbox"/> index - 1.html	Standard	58 bytes	Sun Jun 28 13:41:01 GMT+530 2015
<input type="checkbox"/> index - 2.html	Standard	58 bytes	Sun Jun 28 13:41:01 GMT+530 2015
<input checked="" type="checkbox"/> index.html	Standard	58 bytes	Sun Jun 28 18:09:59 GMT+530 2015

- Open
- Download
- Make Public
- Rename
- Delete
- Initiate Restore
- Cut
- Copy
- Properties

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https://s3-ap-southeast-1-x

← → ↻ <https://s3-ap-southeast-1.amazonaws.com/sg-bucket-2015/sg-folder/index.html> ☆ ⬇️ ☰

Apps Bookmarks

Hello World

AWS Services Edit Sunil Gulabani Global Support

Upload Create Folder Actions

All Buckets / sg-bucket-2015 / sg-folder

Name	Storage Class	Size	Last Modified
index - 1.html	Standard	58 bytes	Sun Jun 28 13:41:01 GMT+530 2015
index - 2.html	Standard	58 bytes	Sun Jun 28 13:41:01 GMT+530 2015
index.html	Standard	58 bytes	Sun Jun 28 18:09:59 GMT+530 2015

The page at https://s3-console-us-standard.console.aws.amazon.com says:
Are you sure you want to delete index.html?

OK Cancel

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AWS Services Edit Sunil Gulabani Global Support

Create Bucket Actions

All Buckets (2)

Name
sg-bucket-2015
sg-bucket2-2015

Static Website Hosting

Logging

Events

Versioning

Versioning allows you to preserve, retrieve, and restore every version of every object stored in this bucket. This provides an additional level of protection by providing a means of recovery for accidental overwrites or expirations. Versioning-enabled buckets store all versions of your objects by default.

You can use Lifecycle rules to manage all versions of your objects as well as their associated costs. Lifecycle rules enable you to automatically archive your objects to the Glacier Storage Class and/or remove them after a specified time period.

Once enabled, Versioning cannot be disabled, only suspended.

Versioning is currently not enabled on this bucket.

Enable Versioning

Lifecycle

Cross-Region Replication

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The page at <https://s3-console-us-standard.console.aws.amazon.com> says:

Versioning-enabled buckets store all versions of your objects by default. You can control the costs using Lifecycle rules (e.g. by deleting older versions automatically).

Are you sure you want to enable Versioning for the selected bucket?

OK

Cancel

Chapter 3: S3 using AWS SDK – Java (Part 1)

The screenshot shows the AWS console interface for the AWS SDK for Java. The top navigation bar includes the Amazon logo, a menu icon, and links for AWS re:Invent, Products, Solutions, Pricing, and More. On the right, there are options for English, My Account, and a Sign In to the Console button. The main content area is titled "AWS SDK for Java" and features a descriptive paragraph: "Get started quickly using AWS with the AWS SDK for Java. The SDK helps take the complexity out of coding by providing Java APIs for many AWS services including Amazon S3, Amazon EC2, DynamoDB, and more. The single, downloadable package includes the AWS Java library, code samples, and documentation." Below this text are four icons with corresponding links: a large number 1 for "Getting Started", a document icon for "Developer Guide", a document icon for "API Documentation", and a cube icon for "Developer Blog". To the right, a "Downloads" section contains two yellow buttons: "AWS SDK for Java" and "AWS Toolkit for Eclipse", each with a "Get the source on GitHub" link below it. A "Follow @awsforjava on Twitter" button is also present. The bottom of the page features two promotional banners: "AWS SUMMIT - NEW YORK" with a drawing of a person and a laptop, and "AWS WEBINAR | JULY SERIES" with a drawing of a laptop and a person.

Amazon Web Services

Compute

- EC2**
Virtual Servers in the Cloud
- Lambda**
Run Code in Response to Events
- EC2 Container Service**
Run and Manage Docker Containers

Storage & Content Delivery

- S3**
Scalable Storage in the Cloud
- Elastic File System** PREVIEW
Fully Managed File System for EC2
- Storage Gateway**
Integrates On-Premises IT Environments with Cloud Storage
- Glacier**
Archive Storage in the Cloud
- CloudFront**
Global Content Delivery Network

Database

- RDS**
MySQL, Postgres, Oracle, SQL Server, and Amazon Aurora
- DynamoDB**
Predictable and Scalable NoSQL Data Store
- ElastiCache**
In-Memory Cache

Administration & Security

- Directory Service**
Managed Directories in the Cloud
- Identity & Access Management**
Access Control and Key Management
- Trusted Advisor**
AWS Cloud Optimization Expert
- CloudTrail**
User Activity and Change Tracking
- Config**
Resource Configurations and Inventory
- CloudWatch**
Resource and Application Monitoring
- Service Catalog**
Personalized Catalog of AWS Resources

Deployment & Management

- Elastic Beanstalk**
AWS Application Container
- OpsWorks**
DevOps Application Management Service
- CloudFormation**
Templated AWS Resource Creation
- CodeDeploy**
Automated Deployments
- CodeCommit**
Managed Git Repositories
- CodePipeline**
Continuous Delivery

Application Services

- SQS**
Message Queue Service
- SWF**
Workflow Service for Coordinating Application Components
- AppStream**
Low Latency Application Streaming
- Elastic Transcoder**
Easy-to-use Scalable Media Transcoding
- SES**
Email Sending Service
- CloudSearch**
Managed Search Service
- API Gateway**
Build, Deploy and Manage APIs

Mobile Services

- Cognito**
User Identity and App Data Synchronization
- Mobile Analytics**
Understand App Usage Data at Scale
- SNS**
Push Notification Service

Enterprise Applications

- WorkSpaces**
Desktops in the Cloud
- WorkDocs**
Secure Enterprise Storage and Sharing Service

Resource Groups

A resource group is a collection of resources that share one or more tags. Create a group for each project, application, or environment in your account.

[Create a Group](#) [Tag Editor](#)

Additional Resources

Getting Started
See our documentation to get started and learn more about how to use our services.

AWS Console Mobile App
View your resources on the go with our AWS Console mobile app, available from Amazon Appstore, Google Play, or iTunes.

AWS Marketplace
Find and buy software, launch with 1-Click and pay by the hour.

AWS re:Invent - Register Now
Join us for keynote announcements, technical sessions, bootcamps and more.

https://console.aws.amazon.com/iam/home?region=ap-southeast-1

- Dashboard
- Details
- Groups
- Users
- Roles
- Policies
- Identity Providers
- Account Settings
- Credential Report
- Encryption Keys

Note
The **Password Policy** page has been renamed to **Account Settings**. Click [Account Settings](#) to find your account's password policy and other configuration options.

Welcome to Identity and Access Management

IAM users sign-in link:
[https://\[redacted\].signin.aws.amazon.com/console](https://[redacted].signin.aws.amazon.com/console) [Customize](#) | [Copy Link](#)

IAM Resources

Users: 3 Roles: 0
 Groups: 1 Identity Providers: 0
 Customer Managed Policies: 0

Security Status

2 out of 5 complete.

- ⚠ Delete your root access keys ▼
- ⚠ Activate MFA on your root account ▼
- ✔ Create individual IAM users ▼

Feature Spotlight

Introduction to AWS IAM

0:00 / 2:16

Additional Information

- [IAM documentation](#)
- [Web Identity Federation Playground](#)
- [Policy Simulator](#)
- [Videos, IAM release history and additional resources](#)

AWS Services Edit Sunil Gulabani Global Support

Dashboard

Details

Groups

Users

Roles

Policies

Identity Providers

Account Settings

Credential Report

Encryption Keys

Create New Users User Actions

Search

Showing 3 results

<input type="checkbox"/>	User Name ↕	Groups	Password	Password Last Used ↕	Access Keys	Creation Time ↕
<input type="checkbox"/>	sgulabani	0		N/A	1 active	2015-07-08 18:25 UTC...
<input type="checkbox"/>	slgulabani	0		N/A	1 active	2015-07-08 18:25 UTC...
<input type="checkbox"/>	sunilgulabani	1		N/A	1 active	2015-07-08 18:25 UTC...

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AWS Services Edit Sunil Gulabani Global Support

Create User

Enter User Names:

1. sunilg1
2. sunilg2
3. sunilg3
- 4.
- 5.

Maximum 64 characters each

Generate an access key for each user

Users need access keys to make secure REST or Query protocol requests to AWS service APIs.
 For users who need access to the AWS Management Console, create a password in the Users panel after completing this wizard.

Cancel Create

Create User

✔ Your 3 User(s) have been created successfully.
This is the last time these User security credentials will be available for download.
 You can manage and recreate these credentials any time.

▼ Hide User Security Credentials

sunilg1

Access Key ID: [REDACTED]

Secret Access Key: [REDACTED]

sunilg2

Access Key ID: [REDACTED]

Secret Access Key: [REDACTED]

sunilg3

Access Key ID: [REDACTED]

Secret Access Key: [REDACTED]

Close Download Credentials

- Dashboard
- Details
- Groups
- Users**
- Roles
- Policies
- Identity Providers
- Account Settings
- Credential Report
- Encryption Keys

Create New Users User Actions

Showing 6 results

<input type="checkbox"/>	User Name ↕	Groups	Password	Password Last Used ↕	Access Keys	Creation Time ↕
<input type="checkbox"/>	sgulabani	0		N/A	1 active	2015-07-08 18:25 UTC...
<input type="checkbox"/>	slgulabani	0		N/A	1 active	2015-07-08 18:25 UTC...
<input type="checkbox"/>	sunilg1	0		N/A	1 active	2015-07-11 13:42 UTC...
<input type="checkbox"/>	sunilg2	0		N/A	1 active	2015-07-11 13:42 UTC...
<input type="checkbox"/>	sunilg3	0		N/A	1 active	2015-07-11 13:42 UTC...
<input type="checkbox"/>	sunilgulabani	1		N/A	1 active	2015-07-08 18:25 UTC...

AWS Services Edit Sunil Gulabani Global Support

Dashboard

Details

Groups

Users

Roles

Policies

Identity Providers

Account Settings

Credential Report

Encryption Keys

Create New Group Group Actions

Search Showing 0 results

<input type="checkbox"/>	Group Name ↕	Users	Inline Policy	Creation Time ↕
No records found.				

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Create New Group Wizard

Step 1: Group Name

Step 2: Attach Policy

Step 3: Review

Set Group Name

Specify a group name. Group names can be edited any time.

Group Name:

Example: Developers or ProjectAlpha
Maximum 128 characters

Cancel **Next Step**

- Create New Group Wizard
- Step 1: Group Name
- Step 2: Attach Policy**
- Step 3: Review

Attach Policy

Select up to two policies to attach to the group.

Filter: Policy Type S3 Showing 2 results

	Policy Name	Attached Entities	Creation Time	Edited Time
<input checked="" type="checkbox"/>	AmazonS3FullAccess	0	2015-02-07 00:10 UTC+0530	2015-02-07 00:10 UTC+0530
<input type="checkbox"/>	AmazonS3ReadOnlyAccess	0	2015-02-07 00:10 UTC+0530	2015-02-07 00:10 UTC+0530

Cancel Previous Next Step

- Create New Group Wizard
- Step 1: Group Name
- Step 2: Attach Policy
- Step 3: Review**

Review

Review the following information, then click **Create Group** to proceed.

Group Name Developers [Edit Group Name](#)
Policies arn:aws:iam::aws:policy/AmazonS3FullAccess [Edit Policies](#)

Cancel Previous Create Group

AWS Services Edit Sunil Gulabani Global Support

Dashboard

Details

Groups

Users

Roles

Policies

Identity Providers

Account Settings

Credential Report

Encryption Keys

Create New Group Group Actions

Search

Showing 1 results

<input checked="" type="checkbox"/>	Group Name	Users	Inline Policy	Creation Time
<input checked="" type="checkbox"/>	Developers			2015-07-11 13:53 UTC+0530

Group Actions:

- Add Users to Group
- Delete Group
- Edit Group Name
- Remove Users from Group

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Add Users to Group

Select users to add to the group **Developers**

Search

Showing 6 results

<input checked="" type="checkbox"/>	User Name	Groups	Password	Password Last Used	Access Keys	Creation Time
<input checked="" type="checkbox"/>	sgulabani	0		N/A	1 active	2015-07-08 18:25 U...
<input checked="" type="checkbox"/>	sigulabani	0		N/A	1 active	2015-07-08 18:25 U...
<input checked="" type="checkbox"/>	sunilg1	0		N/A	1 active	2015-07-11 13:42 U...
<input checked="" type="checkbox"/>	sunilg2	0		N/A	1 active	2015-07-11 13:42 U...
<input checked="" type="checkbox"/>	sunilg3	0		N/A	1 active	2015-07-11 13:42 U...
<input checked="" type="checkbox"/>	sunilgulabani	0		N/A	1 active	2015-07-08 18:25 U...

Cancel Add Users

AWS Services Edit Sunil Gulabani Global Support

Create Bucket Actions None Properties Transfers

All Buckets (5)

Name
sg-bucket-2015
sg-bucket-2015-1436623119693-with-versioning
sg-bucket-2015-using-java-api-1436622418887
sg-bucket2-2015
sg-logs-bucket

Permissions

Static Website Hosting

Logging

Events

Versioning

Versioning allows you to preserve, retrieve, and restore every version of every object stored in this bucket. This provides an additional level of protection by providing a means of recovery for accidental overwrites or expirations. Versioning-enabled buckets store all versions of your objects by default.

You can use Lifecycle rules to manage all versions of your objects as well as their associated costs. Lifecycle rules enable you to automatically archive your objects to the Glacier Storage Class and/or remove them after a specified time period.

Once enabled, Versioning cannot be disabled, only suspended.

Versioning is currently enabled on this bucket.

Suspend Versioning

Lifecycle

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Create Bucket Actions None Properties Transfers

All Buckets (6)

Name
sg-bucket-2015
sg-bucket-2015-1436623119693-with-versioning
sg-bucket-2015-using-java-api-1436622418887
sg-bucket-2015-using-java-api-143662357259-with-logging
sg-bucket2-2015
sg-logs-bucket

Bucket: sg-bucket-2015-using-java-api-14366235...

Bucket: sg-bucket-2015-using-java-api-143662357259-with-logging
 Region: Singapore
 Creation Date: Sat Jul 11 19:35:54 GMT+530 2015
 Owner: sunil.gulabani1

Permissions

Static Website Hosting

Logging

Enabled:

Target Bucket: sg-logs-bucket

Target Prefix: sg-logs-

Save Cancel

Events

Versioning

Lifecycle

Upload Create Folder Actions

None Properties Transfers

All Buckets / sg-bucket-2015-using-java-api-1436625200536

Name	Storage Class	Size	Last Modified
sg-folder-1436625200536	--	--	--

Upload Create Folder Actions

None Properties Transfers

All Buckets / sg-bucket-2015-using-java-api-1436626552596

Name	Storage Class	Size	Last Modified
admin.ico	Standard	213.9 KB	Sat Jul 11 20:25:49 GMT+530 2015

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Upload Create Folder Actions None Properties Transfers

All Buckets / sg-bucket-2015-using-java-api-1436627118349 / sg-folder-1436627118349

Name	Storage Class	Size	Last Modified
<input type="checkbox"/> admin.ico	Standard	213.9 KB	Sat Jul 11 20:35:18 GMT+530 2015

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Chapter 4: S3 using AWS SDK – Java (Part 2)

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Create Bucket Actions None Properties Transfers

All Buckets (2)

Name
<input type="checkbox"/> sg-copy-object
<input type="checkbox"/> sg-copy-object-copy-1

https://ap-southeast-1.console.aws.amazon.com/console/home?region=ap-southeast-1 © 2008 - 2015, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Upload Create Folder Actions

None Properties Transfers

All Buckets / sg-copy-object

Name	Storage Class	Size	Last Modified
<input type="checkbox"/> AmazonS3ClientInitializer.java	Standard	1.3 KB	Mon Aug 10 15:57:05 GMT+530 2015

Upload Create Folder Actions

None Properties Transfers

All Buckets / sg-copy-object-copy.1

Name	Storage Class	Size	Last Modified
<input type="checkbox"/> AmazonS3ClientInitializer-copy-1.java	Standard	1.3 KB	Mon Aug 10 15:57:07 GMT+530 2015
<input type="checkbox"/> AmazonS3ClientInitializer-copy-2.java	Standard	1.3 KB	Mon Aug 10 15:57:07 GMT+530 2015

AWS Services Edit Sunil Gulabani Global Support

Upload Create Folder Actions None Properties Transfers

All Buckets / sg-copy-object-copy-1

Name	Storage Class	Size	Last Modified
<input type="checkbox"/> AmazonS3ClientInitializer-copy-1.java	Standard	1.3 KB	Mon Aug 10 15:57:07 GMT+530 2015
<input type="checkbox"/> AmazonS3ClientInitializer-copy-2.java	Standard	1.3 KB	Mon Aug 10 15:57:07 GMT+530 2015

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Upload Create Folder Actions None Properties Transfers

All Buckets / sg-m-copy-object

Name	Storage Class	Size	Last Modified
<input type="checkbox"/> AmazonS3ClientInitializer.java	Standard	1.3 KB	Mon Aug 10 16:44:45 GMT+530 2015

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Upload Create Folder Actions None Properties Transfers

All Buckets / sg-m-copy-object-copy-1

Name	Storage Class	Size	Last Modified
AmazonS3ClientInitializer-copy-1.java	Standard	1.3 KB	Mon Aug 10 16:44:47 GMT+530 2015

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Create Bucket Actions None Properties Transfers

All Buckets (1)

Name
sg-lifecycle

Versioning

Lifecycle

You can manage the lifecycle of objects by using [Lifecycle rules](#). Rules enable you to automatically archive the objects to the [Glacier](#) Storage Class (lower cost) and/or remove the objects after a specified time period. Rules are applied to all the objects that share the specified prefix.

Versioning is not currently enabled on this bucket.

You can use Lifecycle rules to manage all versions of your objects. This includes both the Current version and Previous versions.

Enabled	Name	Rule Target
<input checked="" type="checkbox"/>	Archive in 0 days	archived/

[Add rule](#)

[Save](#) [Cancel](#)

Cross-Region Replication

Tags

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Create Bucket Actions

All Buckets (1)

Name
sg-cors

Bucket: sg-cors

Bucket: sg-cors
 Region: Singapore
 Creation Date: Wed Aug 12 21:42:15 GMT+530 2015
 Owner: sunil.gulabani1

Permissions

You can control access to the bucket and its contents using access policies. [Learn more.](#)

Grantee: sunil.gulabani1 List Upload/Delete View Permissions

Edit Permissions

[Add more permissions](#) [Add bucket policy](#) [Edit CORS Configuration](#)

Save Cancel

[Static Website Hosting](#)
[Logging](#)
[Events](#)

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Create Bucket Actions

All Buckets (1)

Name
sg-cors

CORS Configuration Editor

CORS Configuration for Bucket: "sg-cors"

Using [CORS](#) (Cross-Origin Resource Sharing) you can selectively allow web applications running on other domains to access content in your Amazon S3 bucket. Each CORS rule must contain the set of [origins/domains](#) and [HTTP methods](#) you want to allow for those origins. Optionally, you can also specify the headers users can [get in requests](#) or [access in responses](#) and the [duration](#) the preflight responses should be cached.

Edit the existing CORS configuration for this bucket in the text area below.

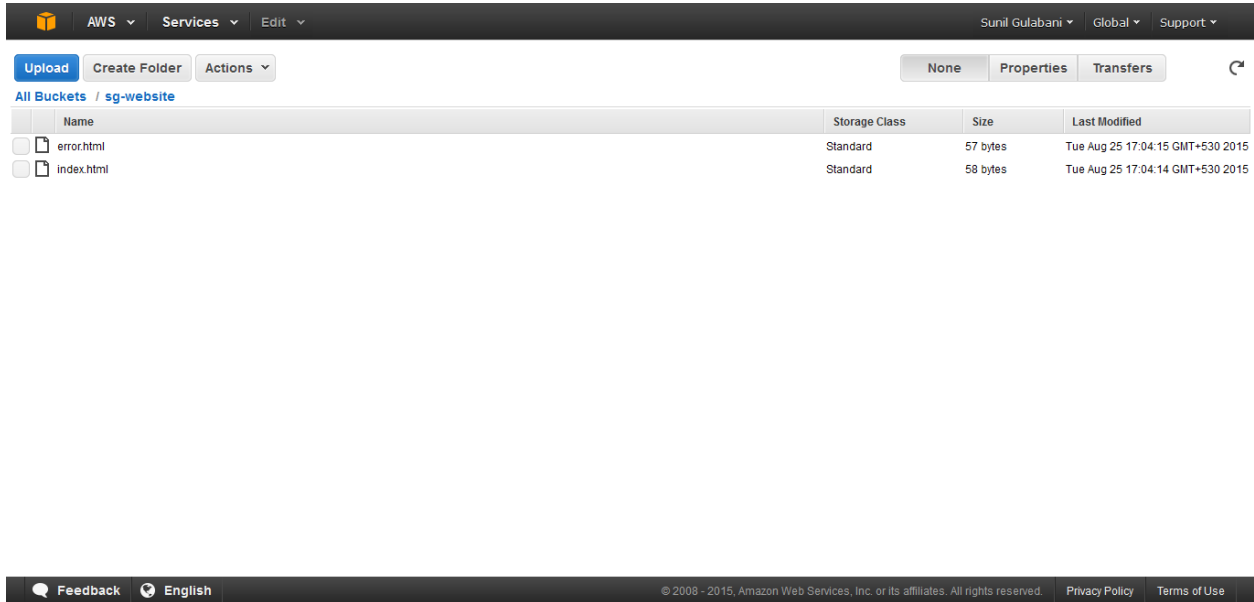
```
<?xml version="1.0" encoding="UTF-8"?>
<CORSConfiguration xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
  <CORSRule>
    <ID>Sunil Gulabani Website Rule</ID>
    <AllowedOrigin>http://*.sunilgulabani.com</AllowedOrigin>
    <AllowedMethod>GET</AllowedMethod>
    <AllowedMethod>PUT</AllowedMethod>
    <AllowedMethod>POST</AllowedMethod>
    <AllowedMethod>DELETE</AllowedMethod>
  </CORSRule>
  <CORSRule>
    <ID>Third Party Website Rule</ID>
    <AllowedOrigin>*</AllowedOrigin>
    <AllowedMethod>GET</AllowedMethod>
  </CORSRule>
</CORSConfiguration>
```

Sample CORS Configurations

Save Delete Close

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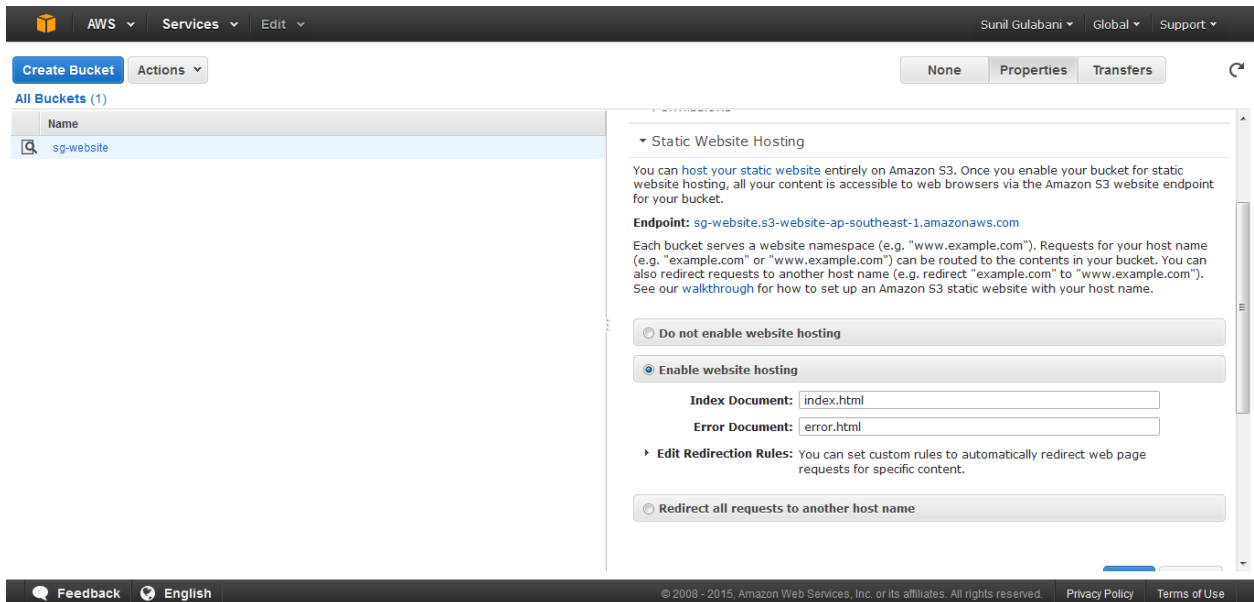
Chapter 5: Deploying a Website on S3



The screenshot shows the AWS S3 console interface. At the top, there's a navigation bar with 'AWS', 'Services', and 'Edit' menus. The user's name 'Sunil Gulabani' and 'Global' region are displayed. Below the navigation bar, there are buttons for 'Upload', 'Create Folder', and 'Actions'. The main content area shows 'All Buckets / sg-website'. A table lists the contents of the bucket:

Name	Storage Class	Size	Last Modified
error.html	Standard	57 bytes	Tue Aug 25 17:04:15 GMT+530 2015
index.html	Standard	58 bytes	Tue Aug 25 17:04:14 GMT+530 2015

At the bottom, there's a footer with 'Feedback', 'English', and copyright information: '© 2008 - 2015, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use'.



The screenshot shows the AWS S3 console interface with the 'Static Website Hosting' configuration panel open for the 'sg-website' bucket. The panel has three radio button options:

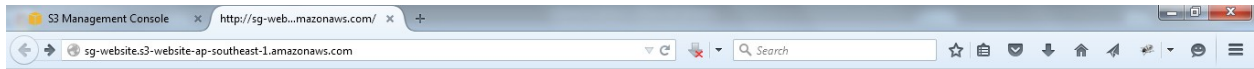
- Do not enable website hosting
- Enable website hosting
- Redirect all requests to another host name

When 'Enable website hosting' is selected, the following fields are visible:

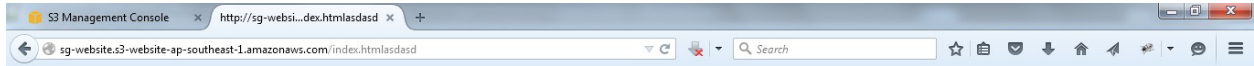
- Index Document:** index.html
- Error Document:** error.html

Below these fields, there's a section for 'Edit Redirection Rules' with a description: 'You can set custom rules to automatically redirect web page requests for specific content.'

The footer is identical to the previous screenshot, showing 'Feedback', 'English', and copyright information.



Hello World



Error Page

Dashboard

Hosted Zones

Health Checks

Domains

Registered Domains

Pending Requests

Create Hosted Zone

Go to Record Sets

Delete Hosted Zone

Search all fields

All Types

Displaying 1 to 1 out of 1 Hosted Zones

Domain Name	Type	Record Set Count	Comment	Hosted Zone ID
tweakings3.com	Public	2	HostedZone created by Route53 Registrar	[REDACTED]

Feedback English

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Upload Create Folder Actions

None Properties Transfers

All Buckets / tweakings3.com

Name	Storage Class	Size	Last Modified
<input type="checkbox"/> error.html	Standard	106 bytes	Wed Sep 16 23:22:40 GMT+530 2015
<input type="checkbox"/> index.html	Standard	126 bytes	Wed Sep 16 23:22:41 GMT+530 2015

Upload Create Folder Actions

None Properties Transfers

All Buckets / www.tweakings3.com

Name	Storage Class	Size	Last Modified
<input type="checkbox"/> error.html	Standard	106 bytes	Wed Sep 16 23:26:44 GMT+530 2015
<input type="checkbox"/> index.html	Standard	126 bytes	Wed Sep 16 23:26:45 GMT+530 2015

AWS Services Edit Sunil Gulabani Global Support

Create Bucket Actions

All Buckets (2)

Name
tweaking3.com
www.tweaking3.com

Permissions

Static Website Hosting

You can host your static website entirely on Amazon S3. Once you enable your bucket for static website hosting, all your content is accessible to web browsers via the Amazon S3 website endpoint for your bucket.

Endpoint: tweaking3.com.s3-website-ap-southeast-1.amazonaws.com

Each bucket serves a website namespace (e.g. "www.example.com"). Requests for your host name (e.g. "example.com" or "www.example.com") can be routed to the contents in your bucket. You can also redirect requests to another host name (e.g. redirect "example.com" to "www.example.com"). See our walkthrough for how to set up an Amazon S3 static website with your host name.

Do not enable website hosting
 Enable website hosting

Index Document:

Error Document:

Edit Redirection Rules: You can set custom rules to automatically redirect web page requests for specific content.

Redirect all requests to another host name

Save Cancel

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AWS Services Edit Sunil Gulabani Global Support

Create Bucket Actions

All Buckets (2)

Name
tweaking3.com
www.tweaking3.com

Permissions

Static Website Hosting

You can host your static website entirely on Amazon S3. Once you enable your bucket for static website hosting, all your content is accessible to web browsers via the Amazon S3 website endpoint for your bucket.

Endpoint: www.tweaking3.com.s3-website-ap-southeast-1.amazonaws.com

Each bucket serves a website namespace (e.g. "www.example.com"). Requests for your host name (e.g. "example.com" or "www.example.com") can be routed to the contents in your bucket. You can also redirect requests to another host name (e.g. redirect "example.com" to "www.example.com"). See our walkthrough for how to set up an Amazon S3 static website with your host name.

Do not enable website hosting
 Enable website hosting
 Redirect all requests to another host name

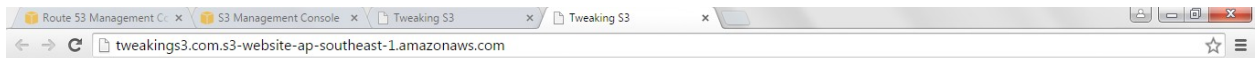
To redirect requests to another bucket, enter the name of the target bucket below. If you are redirecting to a root domain address (e.g. example.com), see our walkthrough for configuring root domain website hosting.

Redirect all requests to:

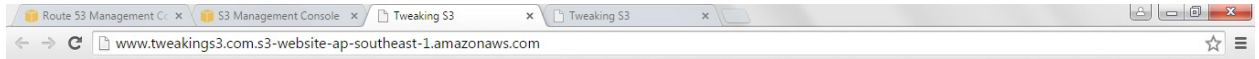
Save Cancel

Logging

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Welcome to Tweaking S3 Website



Welcome to Tweaking S3 Website

Edit Record Set

Name: tweakings3.com. 

Type: A – IPv4 address ▼

Alias: Yes No

Alias Target: s3-website-ap-southeast-1.amazonaws.com


Alias Hosted Zone ID: [REDACTED]

Routing Policy: Simple ▼

Route 53 responds to queries based only on the values in this record. [Learn More](#)

Evaluate Target Health: Yes No

Save Record Set

Name: www.tweakings3.com. 

Type: A – IPv4 address ▼

Alias: Yes No

Alias Target: s3-website-ap-southeast-1.amazonaws.com

Alias Hosted Zone ID: Z3O0J2DXBE1FTB

Routing Policy: Simple ▼

Route 53 responds to queries based only on the values in this record. [Learn More](#)

Evaluate Target Health: Yes No

Save Record Set



Welcome to Tweaking S3 Website