

ASSIGNMENT

Task-1: Complete the bucket policy assignment. If in your S3 bucket you have some .png files and some .pdf files, create a bucket policy to make the .png files accessible to all public users (without login). And restrict the .pdf files to the public users.

Solution:-

Stepwise solution

Step-1-> First of all we have to create s3 bucket and then select aws policy generator and then add the policy type and statement.

The screenshot shows the AWS Policy Generator web interface in a browser. The browser's address bar displays the URL `awspolicygen.s3.amazonaws.com/policygen.html`. The page title is "AWS Policy Generator". Below the title, there is a brief description: "The AWS Policy Generator is a tool that enables you to create policies that control access to Amazon Web Services (AWS) products and resources. For more information about creating policies, see [key concepts in Using AWS Identity and Access Management](#). Here are [sample policies](#)." The interface is divided into two main sections: "Step 1: Select Policy Type" and "Step 2: Add Statement(s)". In Step 1, the "Select Type of Policy" dropdown menu is set to "S3 Bucket Policy". In Step 2, the "Effect" is set to "Allow", the "Principal" field is empty, the "AWS Service" dropdown is set to "Amazon S3", and the "Actions" dropdown is set to "-- Select Actions --". The "Amazon Resource Name (ARN)" field is also empty. The browser's taskbar at the bottom shows various application icons and the system clock indicating 20:19.

Zoom meeting invitation x S3 Management Console x AWS Policy Generator x create bucket in aws - Google x How Do I Create an S3 Bucket x

awspolicygen.s3.amazonaws.com/policygen.html

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amazon web services

AWS Policy Generator

The AWS Policy Generator is a tool that enables you to create policies that control access to Amazon Web Services (AWS) products and resources. For more information about creating policies, see [key concepts in Using AWS Identity and Access Management](#). Here are [sample policies](#).

Step 1: Select Policy Type

A Policy is a container for permissions. The different types of policies you can create are an IAM Policy, an S3 Bucket Policy, an SNS Topic Policy, a VPC Endpoint Policy, and an SQS Queue Policy.

Select Type of Policy S3 Bucket Policy

Step 2: Add Statement(s)

A statement is the formal description of a single permission. See a [description of elements](#) that you can use in statements.

Effect ☒ Allow ☐ Deny

Principal

Use a comma to separate multiple values.

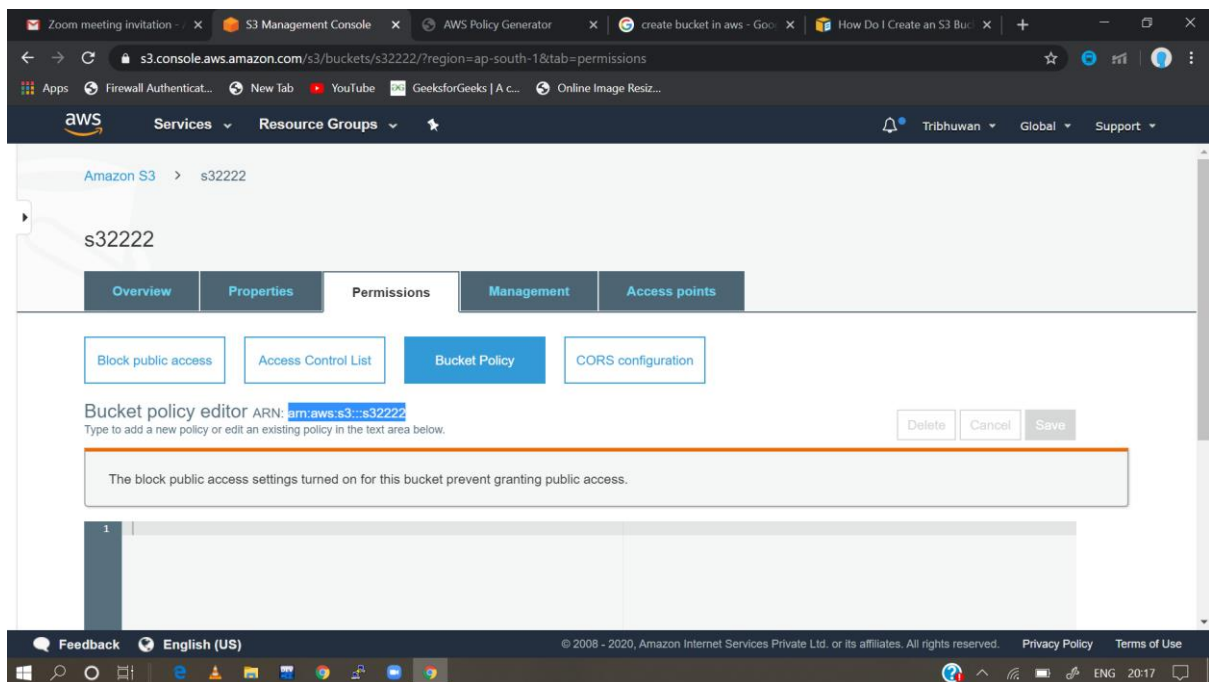
AWS Service Amazon S3 ☐ All Services (**)

Use multiple statements to add permissions for more than one service.

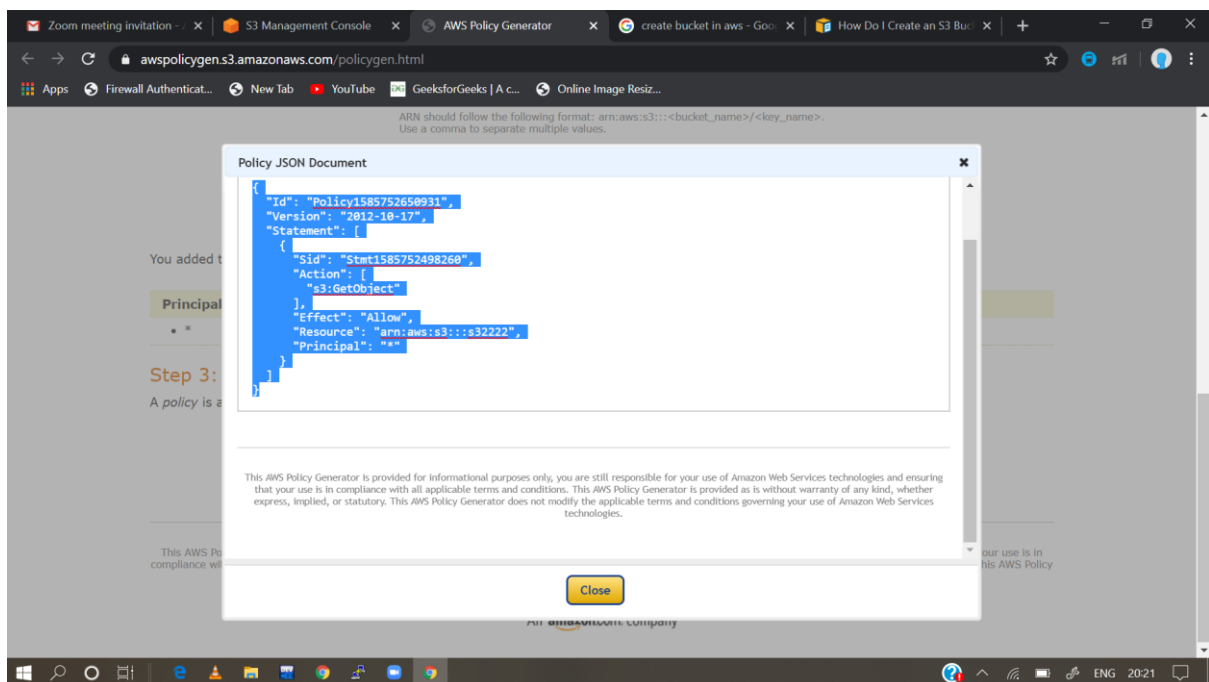
Actions -- Select Actions -- ☐ All Actions (**)

Amazon Resource Name (ARN)

Step 2:- then after configuring and adding statements then we have to generate the policy



Step 3 - Then copy the json document policy to the policy generator and then save the script.



Step-4 upload some png file and some jpg or other files and then check the url

For the public access



For the private access

