AWS Assignment

Create an IAM role with S3 full access.
- Search IAM in AWS Console.
- Under the Access Management section click on the Roles section.
- Click on Create Role and select AWS Service and EC2.
- Search AmazonS3FullAccess under the policies section and select it.
- Add your role name and click on create role.

put_object_role

Allows Lambda functions to call AWS services on your behalf.

| | Delete |

Summary

Edit

Creation date	ARN
May 05, 2023, 16:51 (UTC+05:30)	arn:aws:iam::003905319674:role/put_object_role
Last activity	Maximum session duration
✓ 10 days ago	1 hour

Permissions | Trust relationships | Tags | Access Advisor | Revoke sessions

Permissions policies (2) Info
You can attach up to 10 managed policies.

| ↻ | Simulate | Remove | Add permissions ▼ |

Q Filter policies by property or policy name and press enter.

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	Policy name ⬏	Type	Description
☐	⊞ lamda_s3_policy	Customer managed	
☐	⊞ 📦 AWSLambdaBasicExecutionRole	AWS managed	Provides write permissions to CloudWatch Logs.

Create an EC2 instance with the above role.
- Search EC2 in AWS Console and click on Launch Instance.
- Give the name of your instance and select the below configuration.
- Under advance details select the IAM role created and launch the instance.

Create a bucket from AWS CLI
- Open your terminal and type aws configure.
- Type your access key ID and password and type your region name.
- Type the following command and mention your unique bucket name and your region.

```
aws s3api create-bucket --bucket aayusss2101-aws-assignment --region us-east-1
```

Create custom role for Lambda Function
- Search IAM in AWS Console.
- Under the Access Management section click on the Roles section.
- Click on Create Role and select AWS Service and Lambda.
- Search CloudWatchLogsFullAccess under the policies section and select it.
- Add your role name and click on create role.

lambda-assignment

Allows Lambda functions to call AWS services on your behalf.

Delete

Summary

Edit

Creation date	ARN
May 06, 2023, 15:55 (UTC+05:30)	⧉ arn:aws:iam::003905319674:role/lambda-assignment

Last activity	Maximum session duration
✓ 9 days ago	1 hour

Permissions | Trust relationships | Tags | Access Advisor | Revoke sessions

Permissions policies (2) Info

You can attach up to 10 managed policies.

[↻] [Simulate] [Remove] [Add permissions ▼]

Filter policies by property or policy name and press enter.

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	Policy name ⧉	Type	Description
☐	⊞ putObjectPolicy	Customer managed	
☐	⊞ 🟧 CloudWatchLogsFullAccess	AWS managed	Provides full access to CloudWatch Logs