



Hands-on

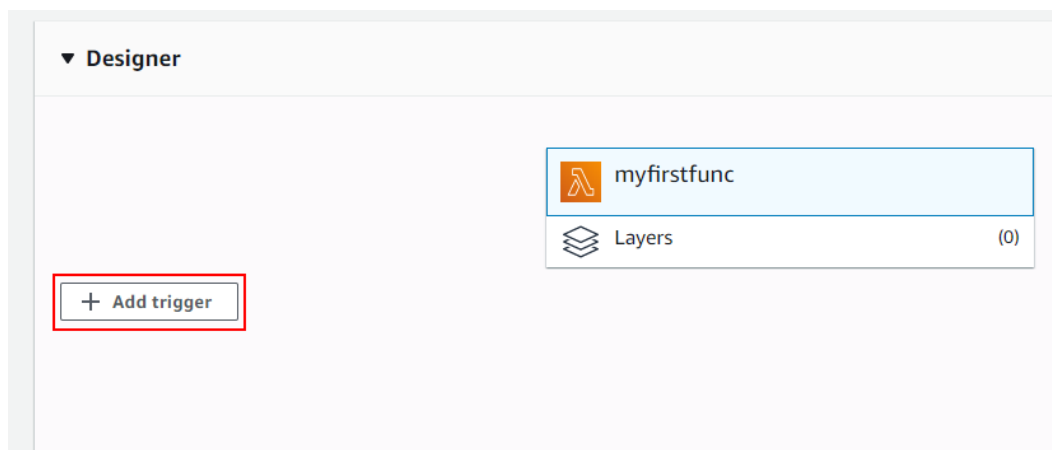
Adding a function trigger

UNIX/Linux Training

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Adding a function trigger


Step 1: Click on Add trigger



Step 2: Choose the trigger as S3 and fill in the other information. Choose your bucket and then choose the event type as All object create events. Then click on Add button.

Add trigger

Trigger configuration

 **S3**
aws storage

Bucket
Please select the S3 bucket that serves as the event source. The bucket must be in the same region as the function.

amazonaurorabucket

Event type
Select the events that you want to have trigger the Lambda function. You can optionally set up a prefix or suffix for an event. However, for each bucket, individual events cannot have multiple configurations with overlapping prefixes or suffixes that could match the same object key.

All object create events

Prefix
Enter a single optional prefix to limit the notifications to objects with keys that start with matching characters.

e.g. images/

Suffix
Enter a single optional suffix to limit the notifications to objects with keys that end with matching characters.

Lambda will add the necessary permissions for Amazon S3 to invoke your Lambda function from this trigger. [Learn more](#) about the Lambda permissions model.

☒ **Enable trigger**
Enable the trigger now, or create it in a disabled state for testing (recommended).

Cancel **Add**

Step 3: Now, whenever there is an object written into the bucket. The Lambda function will execute. Now, upload a file inside the mentioned bucket. Now this should have triggered your Lambda function, which would have invoked an execution of the code.


Upload

1 Select files 2 Set permissions 3 Set properties 4 Review

1 Files Size: 8.5 KB Target path: amazonaurorabucket

To upload a file larger than 160 GB, use the AWS CLI, AWS SDK, or Amazon S3 REST API. [Learn more](#)

+ Add more files

 paper.png
- 8.5 KB

Upload Next

Step 3: Go to the Monitoring tab in the Lambda console and scroll down to CloudWatch Log Insights. You will be able to see a log stream with all the information of the Lambda function. This shows that S3 PUT operation has triggered this Lambda function.

CloudWatch Logs Insights [Info](#)

CloudWatch Logs Insights provides a query language for analyzing log entries. The following tables list the most recent and most expensive function invocations.

[Add to dashboard](#)

 1h **3h** 12h 1d 3d 1w custom ▾


Recent invocations

#	Timestamp	RequestID	LogStream	DurationInMS	Billed
▼ 1	2020-01-07T12:00:23.342Z	ecf0f952-cfe5-4b04-9542-9398260844a5	2020/01/07/[\$LATEST]c35696ea664949a1a2954b77e5a8dfdb	13.03	100
	@billedDuration	100.0			
	@duration	13.03			
	@ingestionTime	1578398438389			
	@initDuration	114.23			
	@log	463413326815:/aws/lambda/myfirstfunc			
	@logStream	2020/01/07/[\$LATEST]c35696ea664949a1a2954b77e5a8dfdb			
	@maxMemoryUsed	7.0E7			
	@memorySize	1.28E8			