AWS Architecture to Trigger Lambda Function with Args When EMR Finished the Job Execution

## Overview

This presentation will discuss an AWS architecture that triggers a Lambda function with arguments when an EMR job finishes executing.

The architecture uses Amazon EventBridge to send an event to the Lambda function when the EMR job finishes.

The Lambda function can then process the event and take any necessary actions, such as sending an email notification or updating a database.

## Architecture diagram

[Image of an AWS architecture diagram showing the following components:

* Amazon S3 bucket
* Amazon EMR cluster
* Amazon EventBridge rule
* AWS Lambda function ]

## Amazon S3 bucket

The Amazon S3 bucket is used to store the input data for the EMR job.

The EMR job will read the input data from the S3 bucket and process it.

## Amazon EMR cluster

The Amazon EMR cluster is used to run the EMR job.

The EMR job will be triggered by an event from Amazon EventBridge.

## Amazon EventBridge rule

The Amazon EventBridge rule is used to send an event to the Lambda function when the EMR job finishes.

The event will contain the status of the EMR job, as well as any other relevant information.

## AWS Lambda function

The AWS Lambda function is used to process the event from Amazon EventBridge.

The Lambda function can then take any necessary actions, such as sending an email notification or updating a database.

## Example use cases

The architecture can be used for a variety of use cases, such as:

* Sending an email notification when an EMR job finishes successfully.
* Updating a database with the results of an EMR job.
* Triggering another AWS service when an EMR job finishes.

## Conclusion

This presentation has discussed an AWS architecture that triggers a Lambda function with arguments when an EMR job finishes executing.

The architecture is flexible and can be used for a variety of use cases.

Thank you for your time.

## Author

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I hope this is helpful!