**Roll No:** 20BCE204

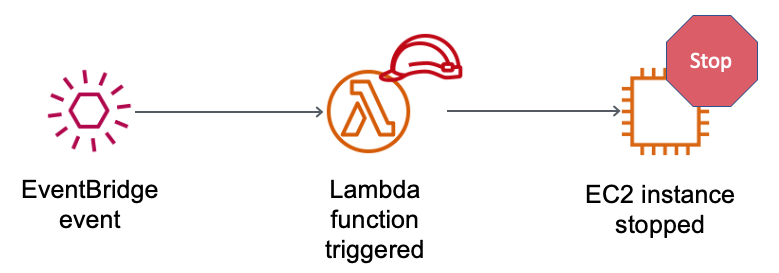
**Course:** 2CSDE67 Cloud Computing

**Practical No:** 4

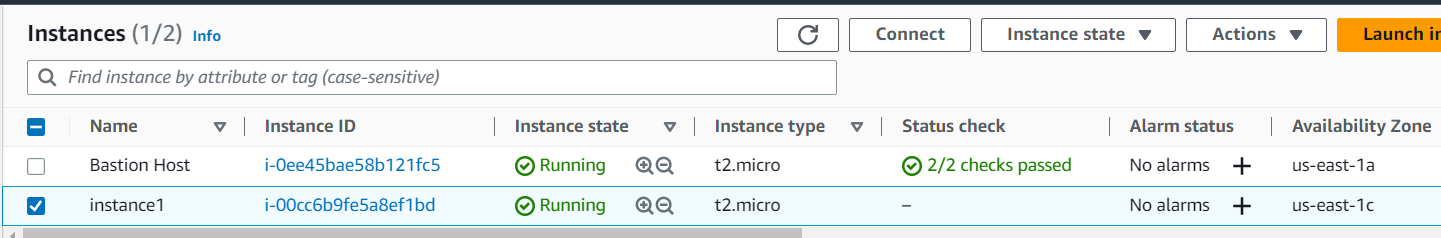
**Aim:** Working with an IaaS Cloud Computing: Using AWS (Amazon Web Services) to understating the following concept. Do load balancing in amazon EC2

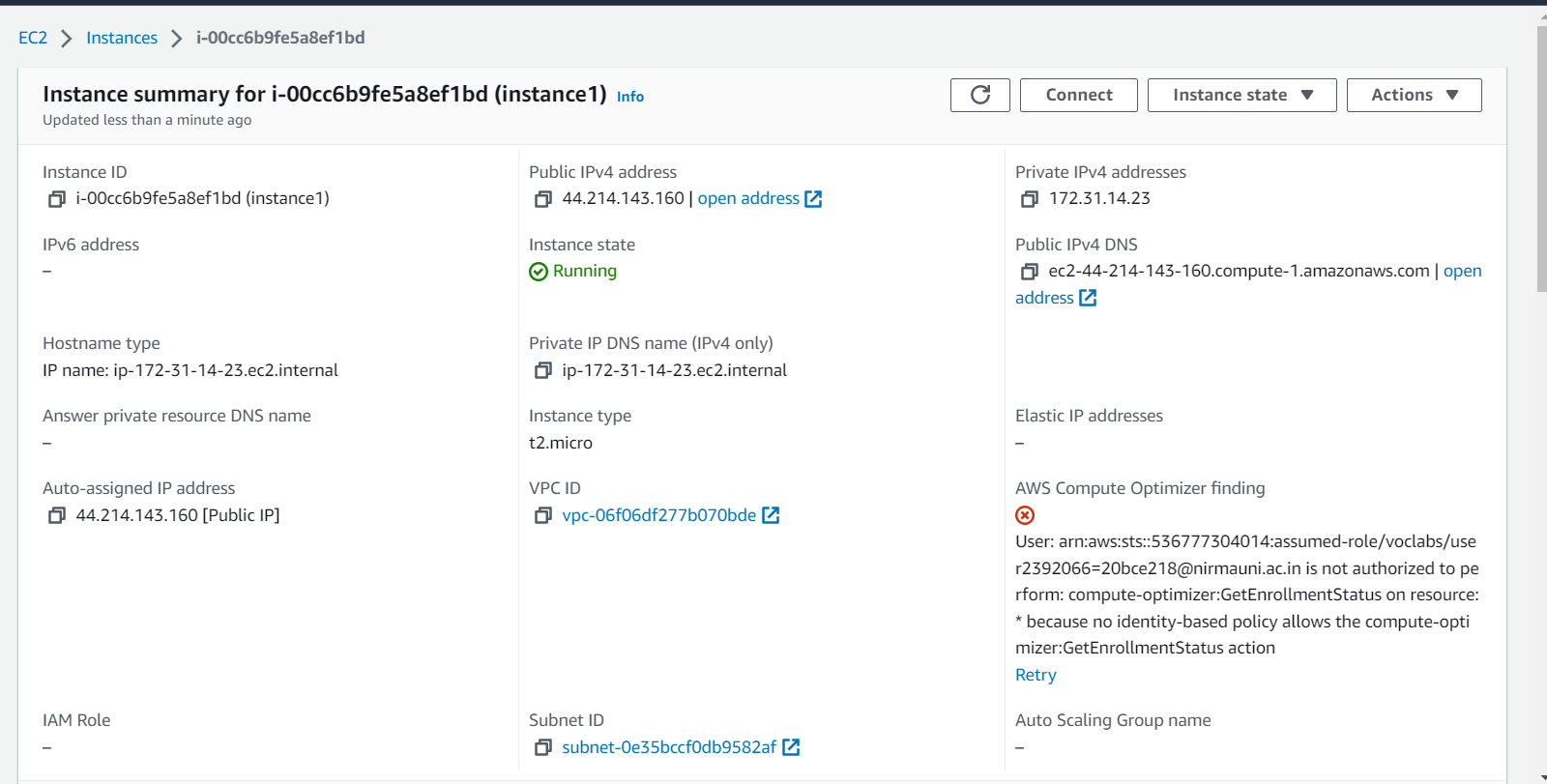
**Introduction:**

AWS Lambda is an event-driven, serverless computing platform provided by Amazon as a part of Amazon Web Services. It is a computing service that runs code in response to events and automatically manages the computing resources required by that code.

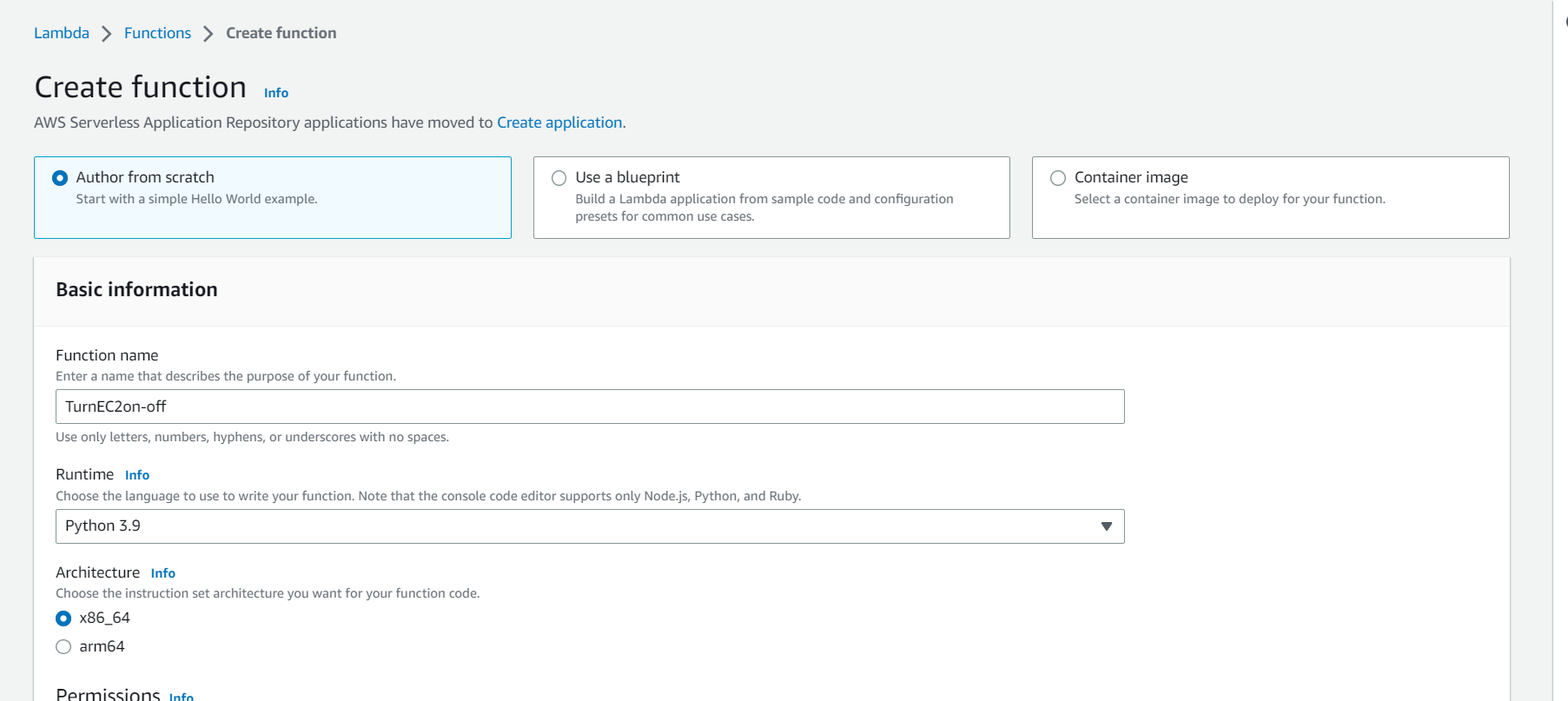


**Already running instances of EC2**

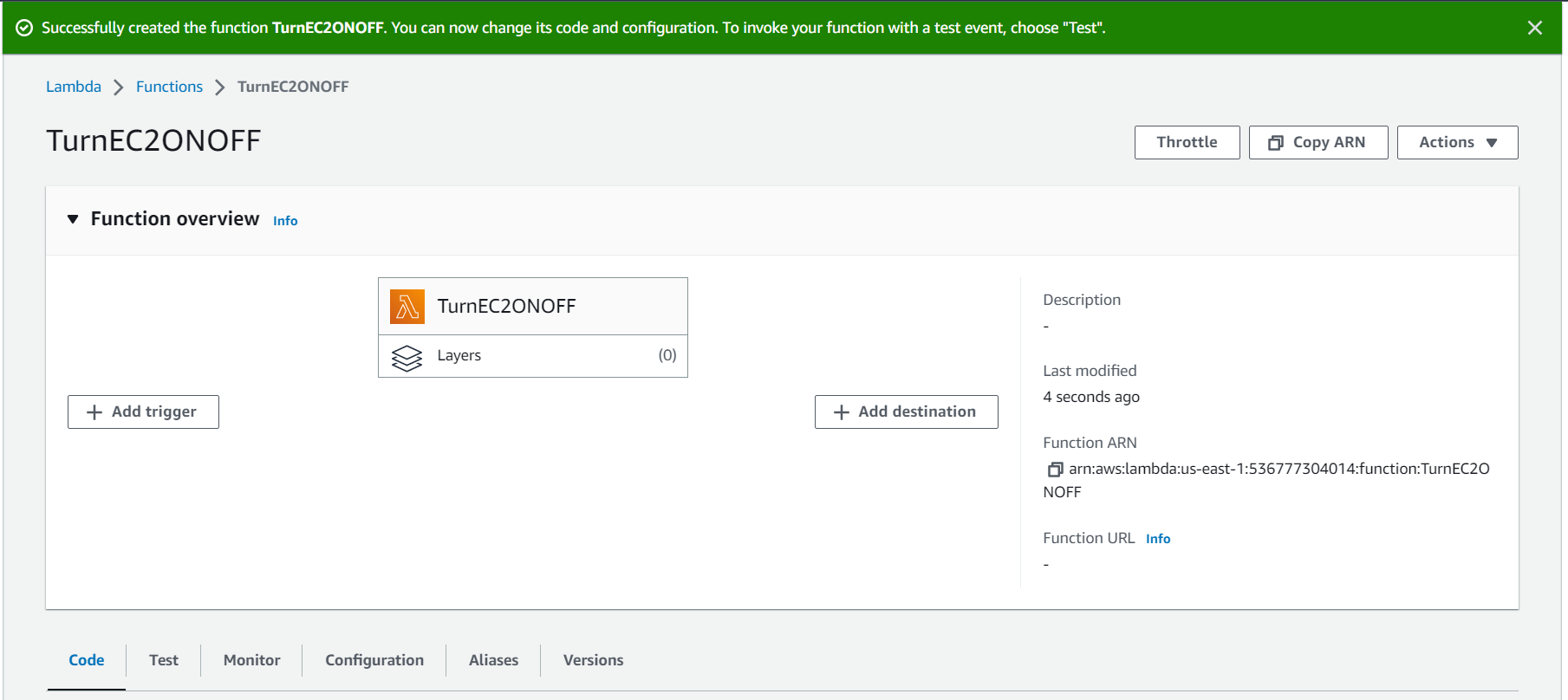




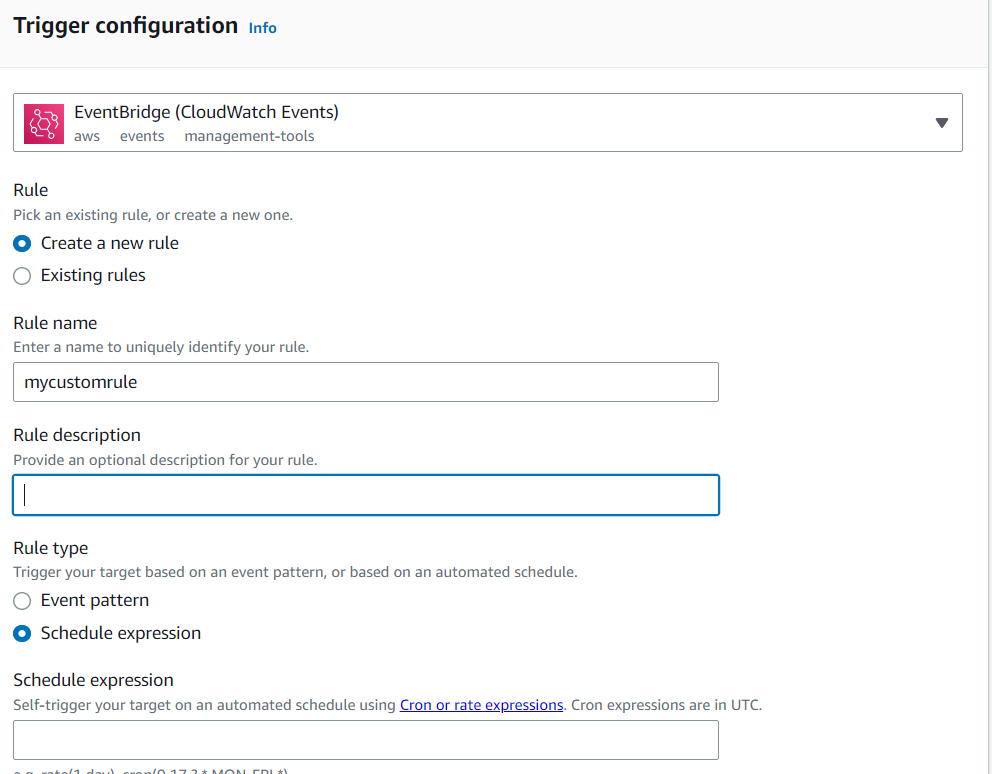
**Creating a Lambda function in AWS console**

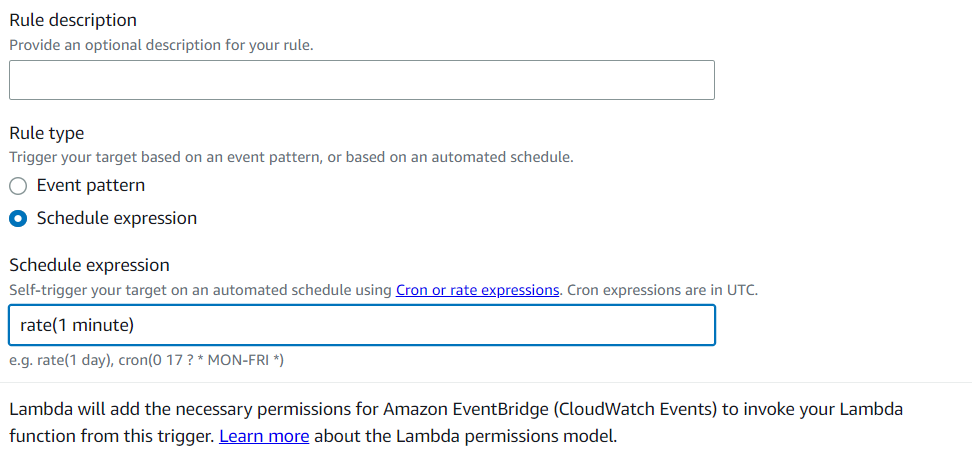


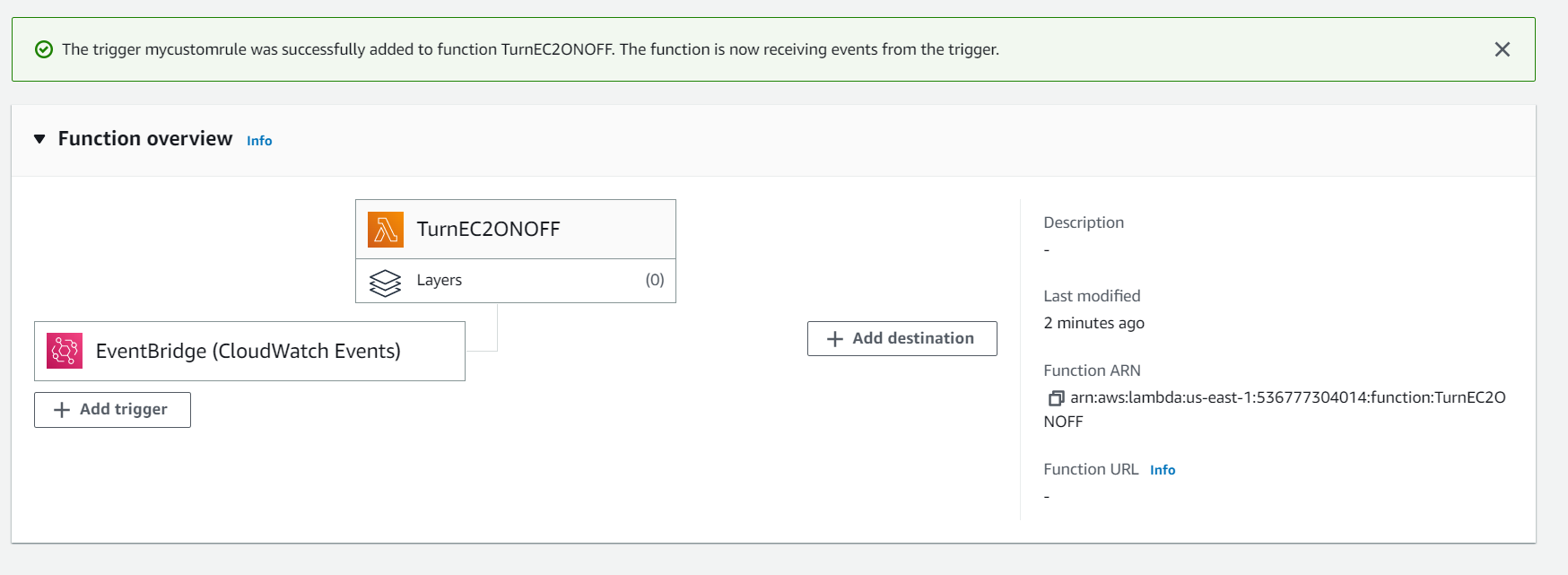
**Lambda function dashboard:**



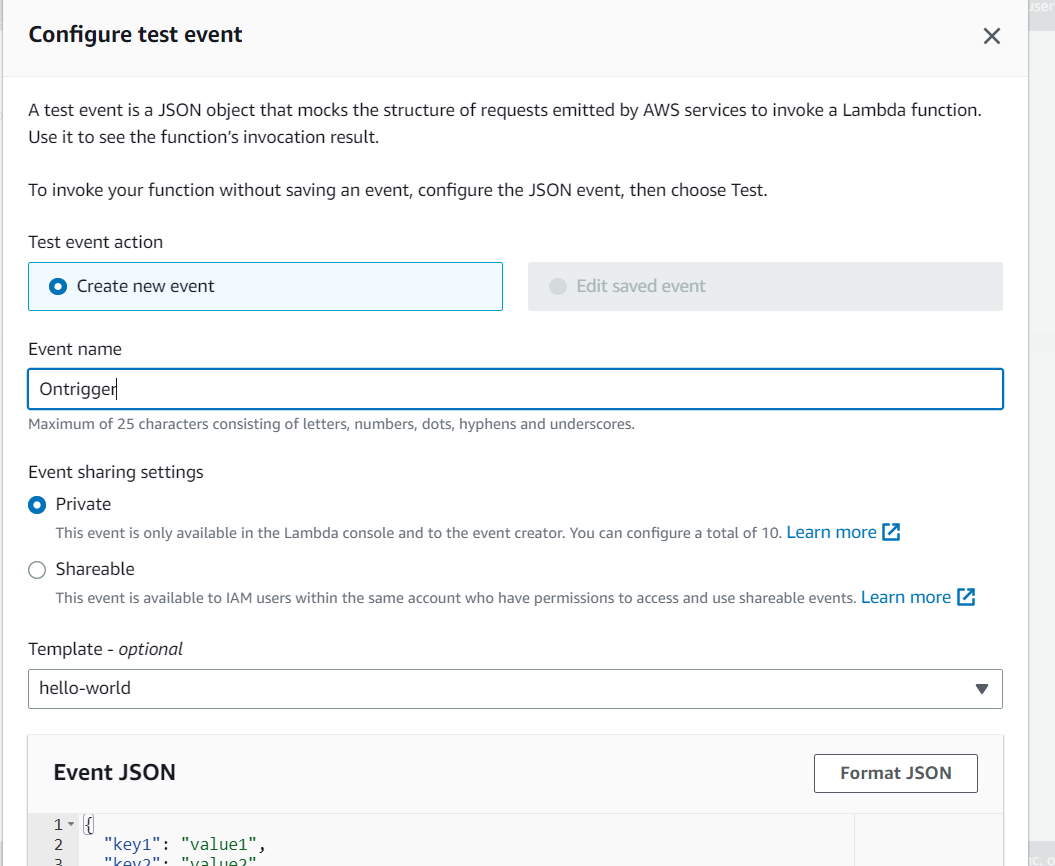
**Creating a trigger for the function to run:**

****

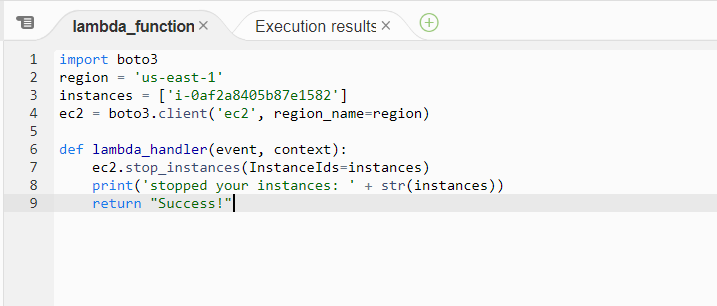
**Providing the rate of execution **

**Configured function**

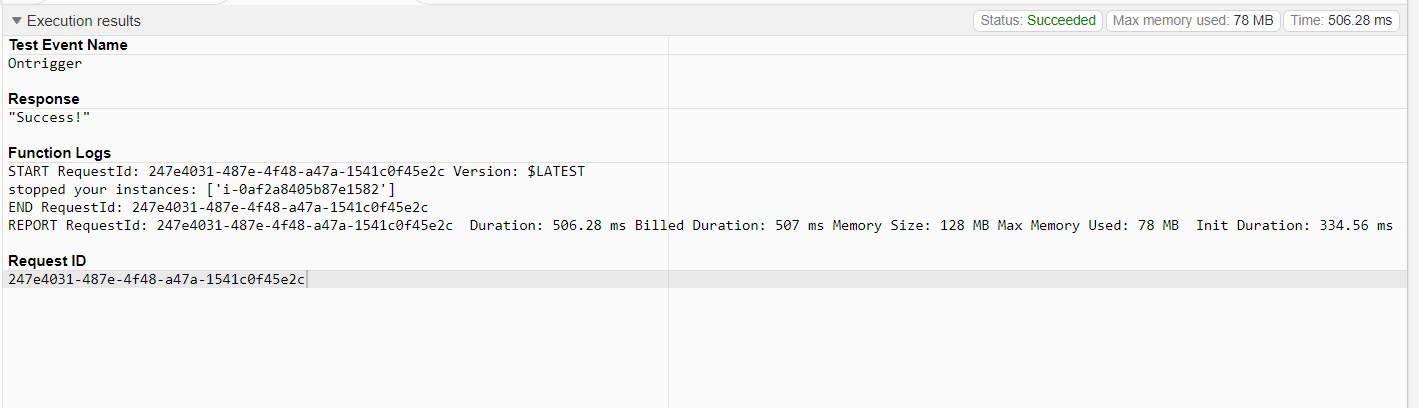
**Creating a custom test event to test the function:**

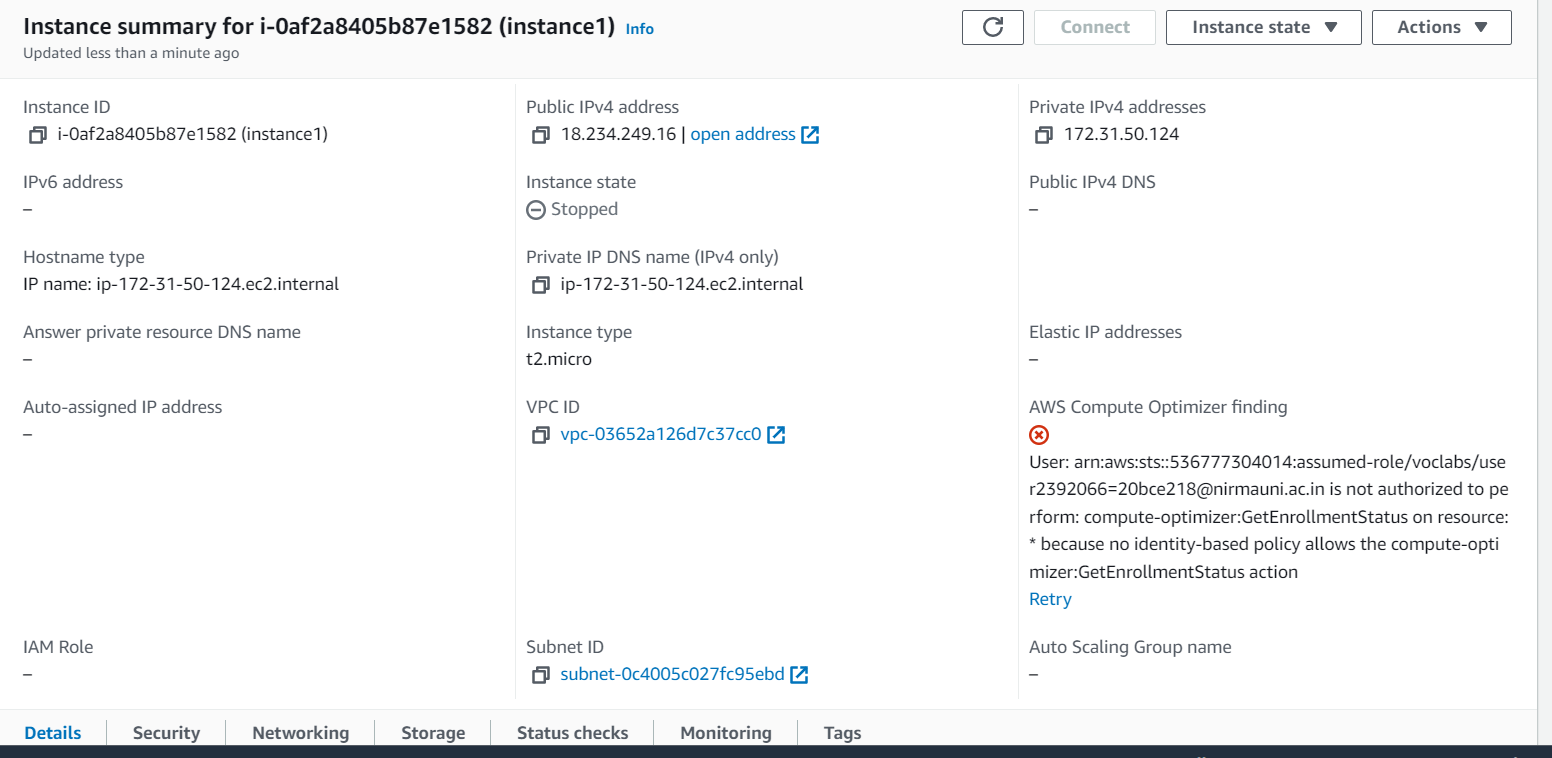
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**Function body:**

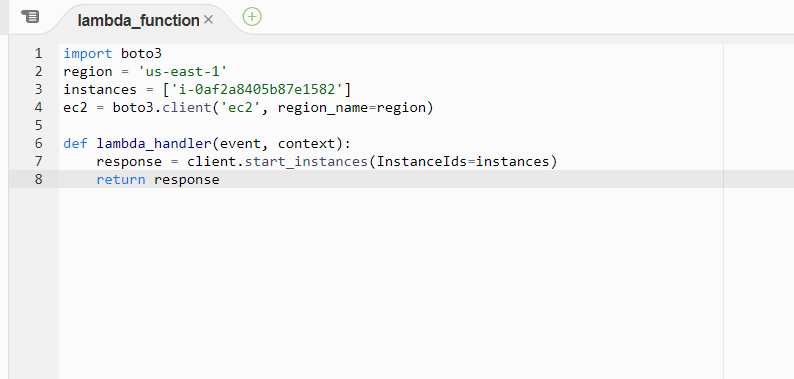
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**Execution result of the function:**

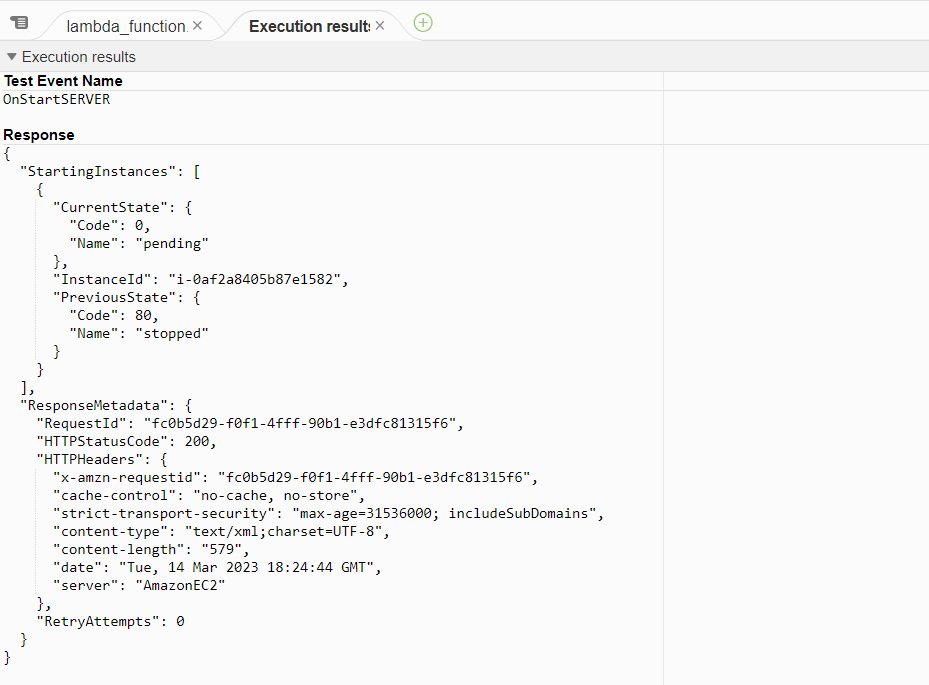
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**The VM instance is stopped by executing the Function**

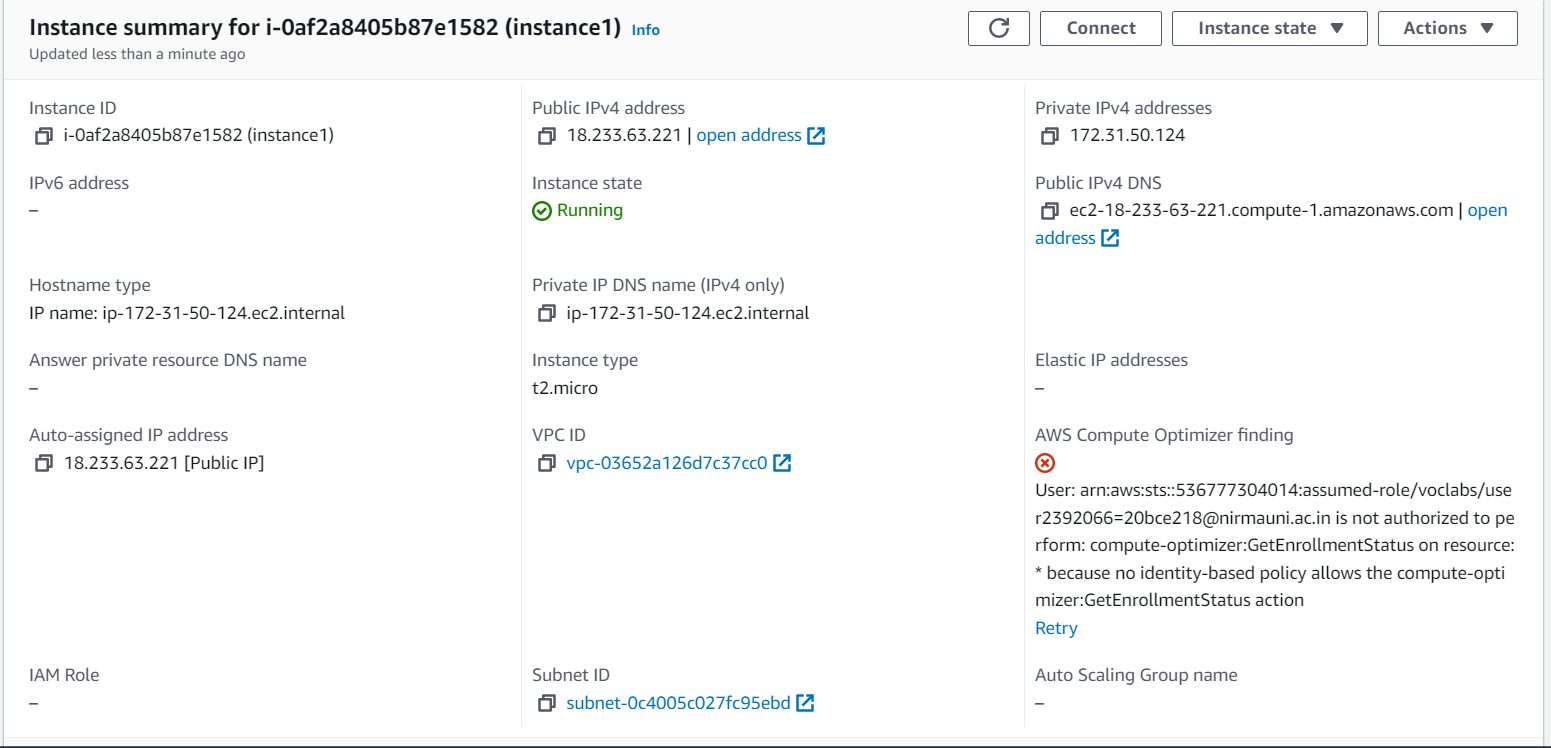
**Function body to turn the instance on:**

****

**Execution result:**

****

**The instance is started by executing the function:**

****

**Conclusion:**

In this practical I have learnt about the Amazon Lambda function service. I have created a Lambda function on the AWS cloud and configured it to start and stop the VM instance provided by AWS.