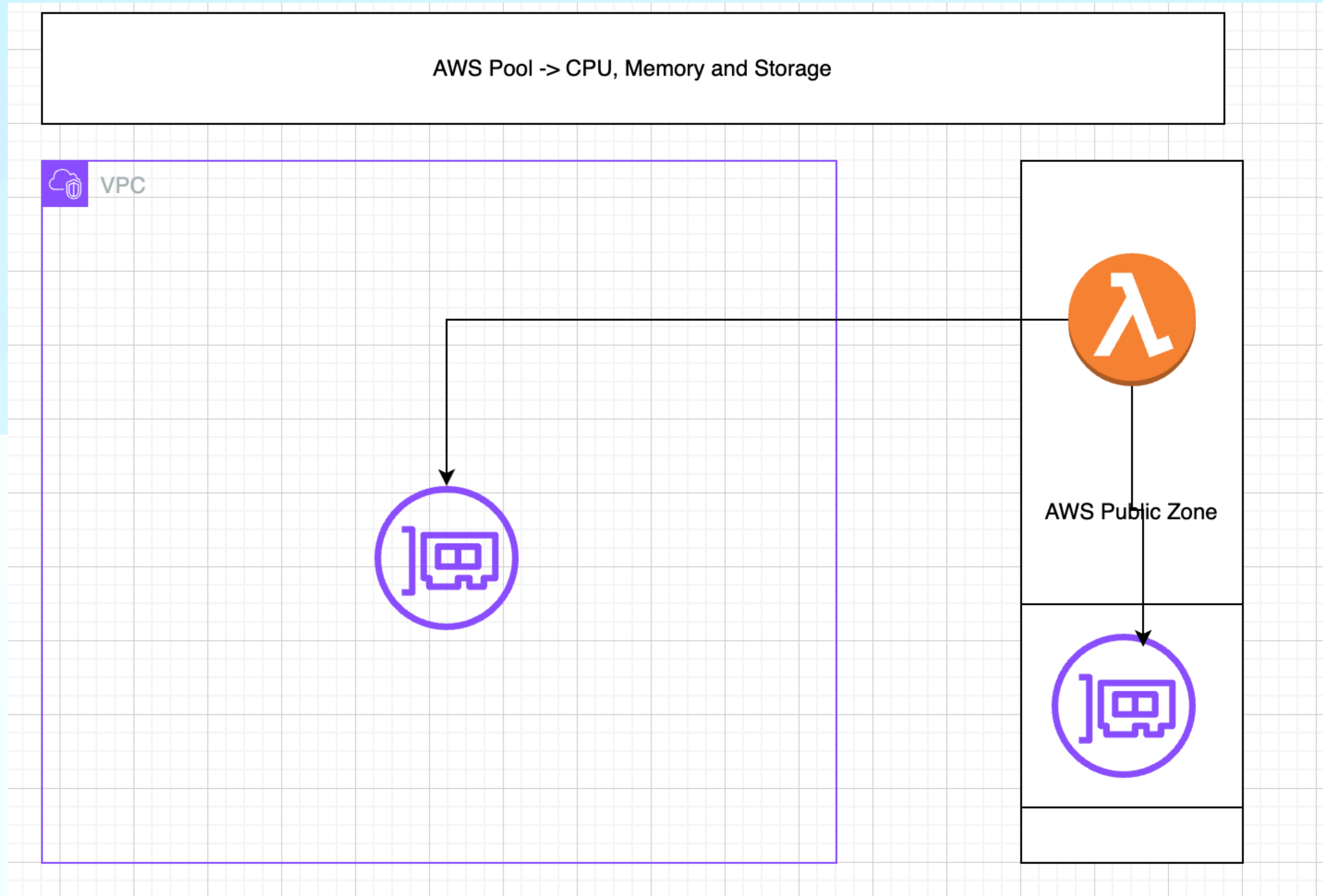# Lambda
Mini Project - S3 Events

Todays' Agenda

- What is Serverless concept?

- Introduction to Lambda

- Architecture of Lambda

- What is Lambda Function?

- Run a Sample Function from Blue Print

- Mini Project - S3 Events

Lambda

AWS Pool -> CPU, Memory and Storage

VPC

AWS Public Zone

Lambda Architecture

Deployment Package
50 MB zipped
250 MB unzipped

900s (15M)
function timeout

1MB Steps
128MB → 10240MB
1vCPU
1769 MB

Common Runtimes
Python
Ruby
Java
Go
C#

Function Code

Runtime Environment

Python 3.8 Runtime

Execution Role
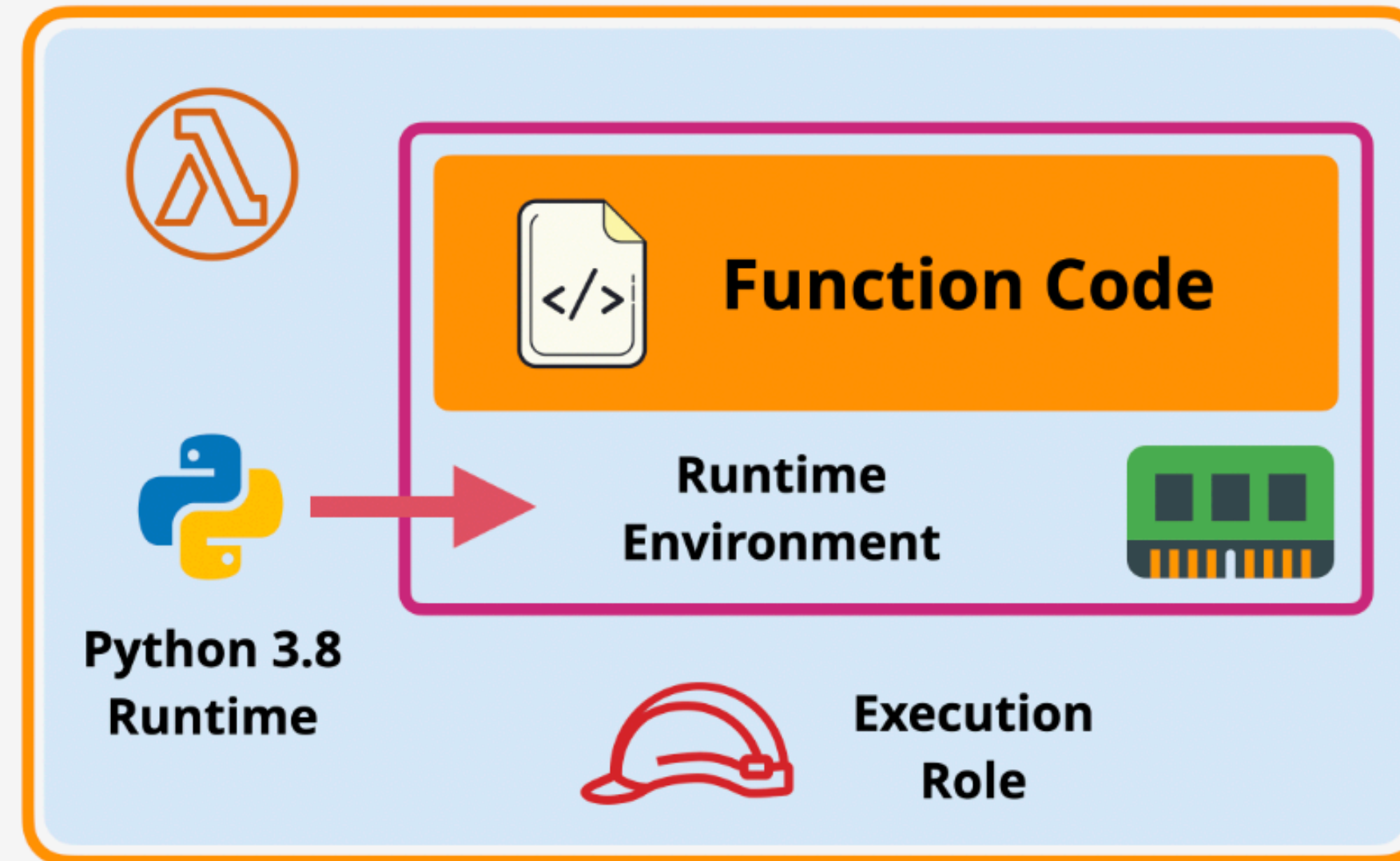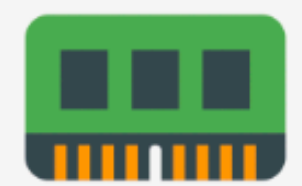
You **directly** control the **memory** allocated for Lambda functions whereas **vCPU** is allocated **indirectly**

512MB storage available as **/tmp**
Up to 10240MB

Docker **is not supported** (**anti pattern**) for the exam
Custom runtimes such as **Rust** are possible using **layers**

QUIZ TIME

Q & A