AWS X-Ray
How to enable it?

1) Your code (Java, Python, Go, Node.js, .NET) must import the AWS X-Ray SDK

- Very little code modification needed

- The application SDK will then capture:
  - Calls to AWS services
  - HTTP / HTTPS requests
  - Database Calls (MySQL, PostgreSQL, DynamoDB)
  - Queue calls (SQS)

2) Install the X-Ray daemon or enable X-Ray AWS Integration

- X-Ray daemon works as a low level UDP packet interceptor (Linux / Windows / Mac…)

- AWS Lambda / other AWS services already run the X-Ray daemon for you

- Each application must have the IAM rights to write data to X-Ray

EC2 Instance

Application Code + AWS X-Ray SDK

Send traces

X-Ray Daemon Running on machine

Send batch every 1 second to AWS X-Ray