Pre-workshop set up guide

Thank you for registering for the workshop on "**Deploy containerized applications with best practices"**. This workshop requires the following applications and tools properly configured. Please follow the instruction provided on the links for each applications/tools before joining us for the workshop. We look forward to having you!

1. AWS CLI

The AWS Command Line Interface (CLI) is a unified tool to manage your AWS services. With just one tool to download and configure, you can control multiple AWS services from the command line and automate them through scripts.
There are 2 versions of the AWS CLI, and we strongly recommend for you to use AWS CLI version 2. https://docs.aws.amazon.com/cli/latest/userguide/install-cliv2.html

2. AWS credentials

Once that you have your AWS CLI installed, you also need to configure the settings. The configurations that you need to configure includes your security credentials, the default output format, and the default AWS Region.
https://docs.aws.amazon.com/cli/latest/userguide/cli-chap-configure.html

3. Docker Desktop

Docker is required in this workshop as we are going to package the application using Docker and Amazon ECS will run the application using Docker engine.
https://docs.docker.com/engine/install/

4. Copilot CLI

The AWS Copilot CLI is a tool for developers to build, release and operate production ready containerized applications. At the point of building this workshop, AWS Copilot supports deployment to AWS AppRunner, Amazon ECS and AWS Fargate.
If you have homebrew installed on your platform, you can use following command to install AWS Copilot

brew install aws/tap/copilot-cli

Otherwise, you need to follow the instructions listed on this page https://github.com/aws/copilot-cli to install AWS Copilot for your platform.

5. cURL

cURL stands for "client URL" and is a command line tool you can use to make HTTP web requests. During the testing lab, this workshop uses cURL to test the application. You can use any other tools as long as that you can implement what the task requires you to complete.
If you want to use cURL, please refer to the documentation page to install.

6. Git

In this workshop, you will also learn how to build release pipeline. We are using Git to interact with source code repository and you need to have Git installed. Git is a free and open source distributed version control system. To install Git for your platform, please refer to this link: https://git-scm.com/downloads

Git should be by default installed in Mac and Linux. Just to play safe, in case there are few peeps running on Windows.