Containers F23

- Due Nov 5 at 11:59pm
- Points 25
- Questions 3
- Available Oct 29 at 12am - Nov 5 at 11:59pm
- Time Limit None
- Allowed Attempts 3

Instructions

As you have learned, you can run an application in a virtual machine or in a container, and container is more efficient.

From earlier chapters, you have learned how to deploy and run an application in a virtual machine (EC2). In this homework, you will deploy and run an application in a container.

You are to create a static website (**nginx**) that can be accessed from everywhere. You decide to use containers. Containers are to be deployed in an EC2 (default VPC is fine but you can create a customized VPC too). REMEMBER to set inbound rule of the Security Group appropriately.

The static website uses:

- Nginx (just like the in-class demo)
- Shall show "Hi there, this is *your first name and last name*" before the standard nginx print out.

Steps you need to do. If not specified, you can name/determine resource configurations whatever you want.

- Create an EC2 (with the latest ubuntu) and set the proper Security Group. Install the necessary software packages.
- Create index.html
- Create Dockerfile
- Build the **docker image** and name it **yourlastname_nginx**
- Create (run) a container.
- Call the EC2 public IP address from a browser.

This quiz was locked Nov 5 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	[Attempt 1](#)	68 minutes	25 out of 25

Quiz results are protected for this quiz and are not visible to students.

⚠ Correct answers are hidden.

Score for this attempt: 25 out of 25