Tryhackme: Virtualization and Containers

TH3B4ND1T · Follow

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Task 1: Introduction

Task 2: What is Virtualization

Is scalability a primary benefit of virtualization? (Y/N)

- Answer: Y

What is the operating system of a virtual machine often referred to as?

- Answer: Guest OS

Task 3: Hypervisors

What type of hypervisor is VirtualBox considered?

- Answer: Type 2

What are type 1 hypervisors also known as?

- Answer: Bare Metal Hypervisor

Task 4: Containers

Are containers completely abstracted from the host operating system? (Y/N)

- Answer: N

Task 5: Docker

What flag is obtained at MACHINE_IP:5000 after running the container?

We will start off with docker image to see what the docker container name is.

- Answer: THM{this_is_running_in_docker}

Task 6: Kubernetes

kubectl Cheat Sheet

This page contains a list of commonly used kubectl commands and flags. Note: These instructions are for Kubernetes… kubernetes.io

Before proceeding, ensure all clusters are started by running minikube start.

How many pods are running on the provided cluster?

- Answer: 1

How many system pods are running on the provided cluster?

- Answer: 7

What is the pod name on the provided cluster?

- Answer: hello-tryhackme-f79f667fd-lh87b

What is the deployment name on the provided cluster?

- Answer: hello-tryhackme

What port is exposed by the service in question 5?

- Answer: 8080

How many replica sets are deployed on the provided cluster?

- Answer: 1

What is the replica set name on the provided cluster?

- Answer: hello-tryhackme-f79f667fd

What command would be used to delete the deployment from question 5?

How to Use Kubectl Delete Deployment (With Examples)? Learn how to use the "kubectl delete deployment" command to delete Deployments from both default and specific… kodekloud.com

- Answer: kubectl delete deployment hello-tryhackme

Task 7: Conclusion

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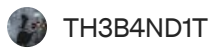
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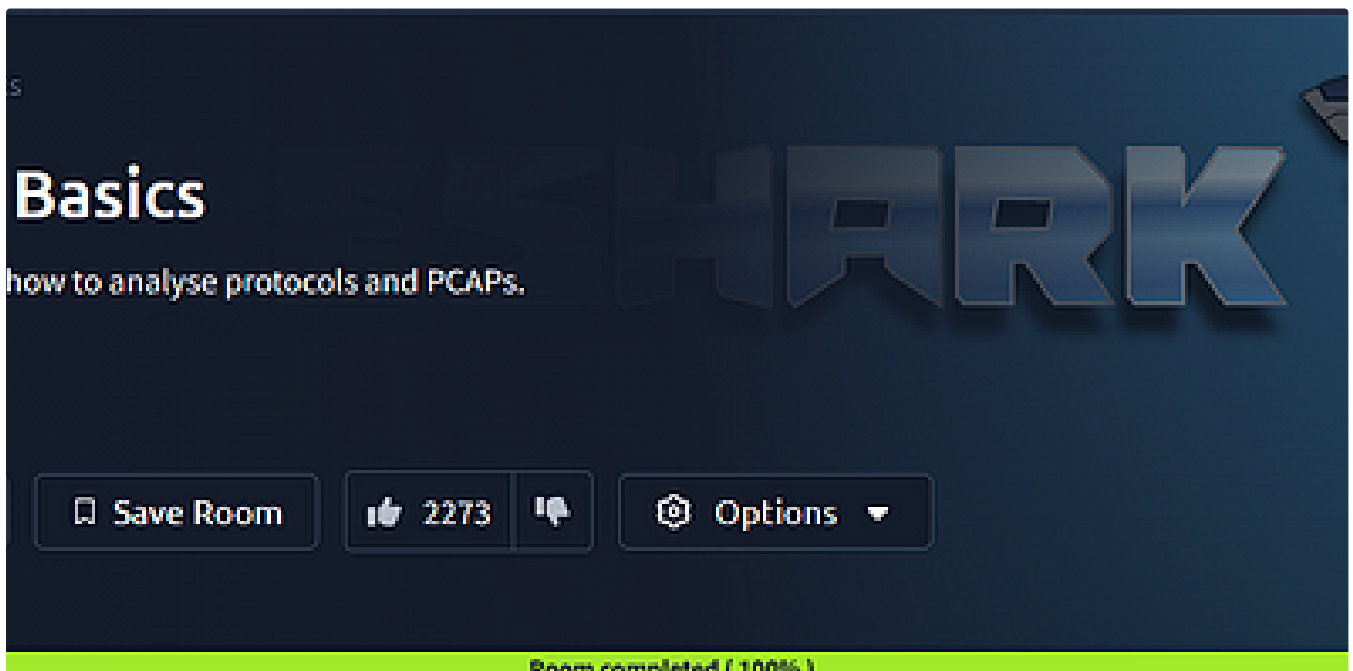
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