1) Which (Linux) command one can use to check if port is open

• On same machine

• On remote machine

Secure Shell, sometimes referred to as Secure Socket Shell, is a protocol which allows you to connect securely to a remote computer or a server by using a text-based interface.

sudo apt-get install openssh-client

2) What is docker image and Dockerfile ?

**DOCKERFILE:**

In order to build the application, we need to use a Dockerfile.

A Dockerfile is simply a text-based script of instructions that is used to create a container image.

**DOCKERIMAGE:**

A Docker image is a file used to execute code in a Docker container. Docker images act as a set of instructions to build a Docker container, like a template.

3) Which AWS service can you use to speed up loading time of applications ?

Use Amazon Cloudfront to speed delivery of your entire website or application, including dynamic, static, streaming, and interactive content.

4) Which Linux command can you use to log into a remote server ? Also how to access a specific port from that server to your local machine?

SSH, or Secure Shell, is a protocol used to securely log onto remote systems. It is the most common way to access remote Linux servers

$ sudo systemctl start ssh

$ sudo cp /etc/ssh/sshd\_config{,.bak}

$ sudo nano /etc/ssh/sshd\_config

5) What is CI/CD ? Name 3 tools which you can use for same?

CI stands for continuous integration, a fundamental DevOps best practice where developers frequently merge code changes into a central repository where automated builds and tests run. But CD can either mean continuous delivery or continuous deployment.

1. Argo CD
2. CircleCI
3. GoActions