# Technical Assessment Yahoo PE Team

Answer the below questions within this sheet with as much description as needed.

Time : 60 mins

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**Docker**

1. **How do you create a docker container from an image?**

**Answer:** Step 1 => create a base container by – docker create – name of container.

Step 2 => inspect image by using command docker image -a

Step 3 => inspect container => docker ps -a

Step4=> start the container docker nginx\_base

Step5 => modify the running container

Step6=> create an image from container

Step7=> tag that image

Step8=> create image with tag

Step9=> delete the original container

Step10=> look at running containers

1. **Suppose you have 3 containers running and out of these, you wish to access one of them. How do you access a running container?**

**Answer:** $docker exec -it <container id> bash

This exec command lets you get inside a container and work

With in it.

**Git**

1. **What is the process for reverting a commit that has already been pushed and made public?**

**Answer:** Step 1 => First, we will need to find the ID of the revision we want to see. By using git log command.

Step2 => then go to your main branch by using git branch , and git checkout master to move to main branch.

Step 3 => use git revert

**AWS (Amazon Web Services)**

1. **A Solutions Architect is designing a web application that will serve static content in an Amazon S3 (Service 3) bucket and dynamic content hosted on Amazon EC2 instances behind an Application Load Balancer (ALB). The application will use Amazon CloudFront to make the content available to the end users.**  
   **Explain in detail the services, Security, authentication, and other configurations that the solution architect must do to make the static/dynamic content available to the user.**

**Answer:** to make static content available to public users we have to uncheck the block public access setting. Then provide the desire bucket policy.

**Linux:**

1. **Do you know how the shell command ‘find’ works?  If you did not have access to this**

**how would you script this same functionality?**

**Answer:**

1. **What is shell script and list out types of Linux shell? To write a shell program to count no of characters, lines, and words in a file?**

**Answer:**

1. **Finally, you are also required to Upload your solutions to respective GitHub and make it public . Share the repository URL Below**

**Answer:**