

Technical Assessment Yahoo PE Team

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

Time : 60 mins

Name : Bhupendra pratap singh

Email: bhupendra.singh32@wipro.com

Docker

Answer:

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: using docker exec command we can run command inside a running container.

Git

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

Answer: we can do by git revert. Or change the file and commit it again using git commit.

AWS (Amazon Web Services)

3. 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: Amazon VPC:

Lambda:

Cloudfront

Amazon s3

ALB

Linux:

4. 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: Find searches a directory for files.

Find /temp -type d -print

If we cannot use find i would go with locate command. This commands helps you find the file from all the directories , it will search for all the dir. Whereas find is used when you the dir but not the exact location of file.

5. 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: A computer programme designed to be run by linux, it is a command line interpreter.

Few of linux shells are

The z shell

The Korn shell

The c shell.

Program in Bash

```
echo "Enter the file name"
```

```
read file
```

```
if [ -f $file]
```

```
then
```

```
echo "the number of lines in $file are"
```

```
echo $(wc -l $file | cut -d " " -f1)
```

```
fi
```

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

Answer: