sag interview role questions:

how can you push files in s3 bucket using cli.

txt files in dir.

#!/bin/bash

cd biken

aws s3 cp . s3://bucketname\ --recursive

signzy Interview questions:

How to check outbouned ports in linux?

Ans: sudo netstat -atn | tr -s ' ' | cut -f5 -d ' ' | grep -v localhost

netstat -atn: This displays all active TCP connections in a numerical format (no hostname resolution).

tr -s ' ': This replaces multiple spaces with a single space.

cut -f5 -d ' ': This extracts the fifth field (the destination IP address and port).

grep -v '127.0.0.1': This filters out any connections to the localhost IP address (127.0.0.1).

How to scale node and port in kubernetes?

Ans: Node Autoscaler:

Kubernetes offers a Cluster Autoscaler that dynamically adjusts the number of nodes in your cluster based on pod scheduling needs.

HPA and VPA

What is three archicture pls explain?

Ans: Good to check once if time permits

Types of network service in kubernetes?

Ans: Cluster IP: The default service type that creates a service within the cluster that can only be accessed from within the cluster. It's the most common service type and is used for simple internal networking

NodePort: Exposes a service on each node's IP at a static port. It's used to expose pods to the outside world. To contact the NodePort service, you can request <Node IP>:<Nodeport>

LoadBalancer: A standard load balancer service that runs on each pod and establishes a connection to the outside world.

Ingress: An advanced HTTP/HTTPS router that directs traffic based on specific rules. It's used for managing access to multiple services through a single external endpoint.

how to kill process in linux?

Ans: kill -9 processid

How to scan open ports in linux?

Ans: Use the command sudo nmap -n -PN -sT -sU -p- localhost

I have 5 log files under different directores . say for eg abc under /home/dir1 , xyz under home/dir2 . is there a script that i can run from say /home that searchers all these files for string or combination of strings and write to a file

eg search file by timestamp|keyword

o/p in a file

for i in /dir1 /dir2 /dir3;

do

grep "biken" "$i" /file\_name >> file.output

done

SRE Interview questions:

What happens when you type in ‘www.cnn.com’ in your browser?

Steps: url to study for quick refresh: https://medium.com/@tech\_18484/what-happens-when-you-type-a-url-into-your-browser-38ad7b100f0c

steps: You enter a URL in your browser and press Enter.

The browser searches for the IP address associated with the domain.

The browser establishes a TCP connection with the server.

The browser sends an HTTP request to the server.

The server processes the request and generates a response.

The browser renders the content received from the server.

<https://github.com/mxssl/sre-interview-prep-guide>

Git need to write all the commands

1. how do you pass message when you make a git commit

ans: we can use git commit -m "updated file"

2.how to change new machine type and check who made last change to that particular git code. and know about blame in git.

ans: git blame biken.txt

3.What is a branch protection in github?

ans:protecting a branch from direct commit by reviewing the change made to other branch and this is not enabled by default in github.