1.How to you upgrade the Kubernetes cluster from v1.18 to v1.19. A) Rolling update B) Force Update (Will not respect the POD distribution budget)

2. What is KEDA in kubernetes. KEDA- kubernetes event driven autoscaler.

3. What is the use of LivenessProbe and ReadinessProbe in kubernetes. Liveness and Readiness probes are used to control the health of an application running inside a Pod’s container. Both are very similar in functionality, and usage. Liveness Probe: Liveness probe checks the container health as we tell it do, and if for some reason the liveness probe fails, it restarts the container. Readiness Probe: The kubelet uses readiness probes to know when a container is ready to start accepting traffic. A Pod is considered ready when all of its containers are ready. 4. What is secret and configmap. secret - copy the data in encryptrd format. configmap - copy the data in plaintext format.

5. What is terraform taint. It us used to mark the resource created by terraform as tainted, forcing it to be destroyed and recreating it during the next terraform apply.

6. What is multi-stage DockerfileWith multi-stage builds, you use multiple FROM statements in your Dockerfile. Each FROM instruction can use a different base, and each of them begins a new stage of the build.

7. What is ingress controller. A Kubernetes Ingress controller is a specialized load balancer for Kubernetes, it is used to allow particular traffic into the cluster.

8. After patching the linux system, it is unable to boot, how do you troubleshoot. Enter the single user mode and regenerate inintramfs using dracut command.

9. Port Number for SAMBA, SFTP, telnet SAMBA -139/445 SFTP- 22 TELNET -23

10. What do you mean by Terragrunt? Terragrunt is a thin covering for Terraform that implements the practices advocated by the Terraform: Up and Running book. We've established Terragrunt obliging as it encourages versioned modules and reusability for diverse environments with some useful features, counting recursive code implementation in subdirectories