1. There are 2 vpcs, vpc-1 and vpc-2, and i have created a firewall rule to allow port 22 in vpc1, and now i have successfully established a connection to vpc2, can i login to vms created in vpc2, with the same firewall i created in VPC 1 ?

No, you **cannot** directly log in to the VMs in **VPC-2** using the firewall rule created in **VPC-1** unless you have set up proper network connectivity and firewall rules in **VPC-2**. Here's why:

2. Can I have the VPC peering successfully created from establishing a vpc peering from one network?

Yes, you **can** successfully create **VPC Peering** from one network (i.e., one VPC), but you need to understand how the process works.

In a VPC Peering setup, the **peering request** is initiated from one VPC (let's call it **VPC-1**), and the **peering connection** must be accepted by the other VPC (let's call it **VPC-2**). So, both VPCs must participate in the process: one VPC creates the peering request, and the other accepts it.

 The process **requires two steps**: **VPC-1** (initiates the request) and **VPC-2** (accepts the request).

 If **VPC-2** does not accept the peering request from **VPC-1**, the VPC peering connection will not be successfully established

) What is Jenkins Shared Libraries?

A "Jenkins Shared Library" is a feature within Jenkins that allows you to create reusable code snippets, functions, and variables that can be accessed and used across multiple Jenkins pipelines

2) Branching strategy that you follow?

"We follow the Gitflow branching strategy because it helps manage feature development, releases, and hotfixes efficiently. Our main branch always contains stable code, while new development happens in feature branches and is merged into the develop branch before release. This ensures smooth CI/CD processes in Jenkins.

3) How do you resolve Git merge conflicts?

"Suppose I’m working on a feature branch and want to merge it into main. After running git merge feature-branch, Git reports a conflict in app.js. I open the file, see the conflict markers, and decide to keep both changes by combining them. I remove the markers, save the file, and run git add app.js followed by git commit to complete the merge.

4) Jenkins pipeline script flow

5) What security tools do you use?

6) Where you store artifacts and how do you maintain version?

7) Do you have any idea about JFrog?

8) What do you deploy in your project?

9) Diff between RUN and CMD.

10) Is CI used or CD used in your production environment Deployment and what is used in your testing environment?

. 5) Can you write a Terraform script , syntax doesn't matter , creating vpc, subnets and route tables.

6) Why vpc, subnets and route tables are used..

8) What is Terraform drift.

9) If a same person is working on Terraform code how will ensure state locking.

10) Can you write docker file to install nodejs application explanation the best practices.

11) What is staging build.

12) How will you ensure communication between containers in Docker.

13) Write kubernetes manifest file for database server and mount pvc to it.

14) Explain architecture of Kubernetes

16) If application is deployed in one AZ, how will you ensure restoration in less time, explain about disaster recovery.

17) Any idea about service mesh.

18) What is your strategy to deploy in production, how will you implement it with no downtime. 19) Do you know about logging and monitoring, how have you configured it.

20) What way you used to write Pipeline Script.

21) Are you using SonarQube, do you know how to configure it.