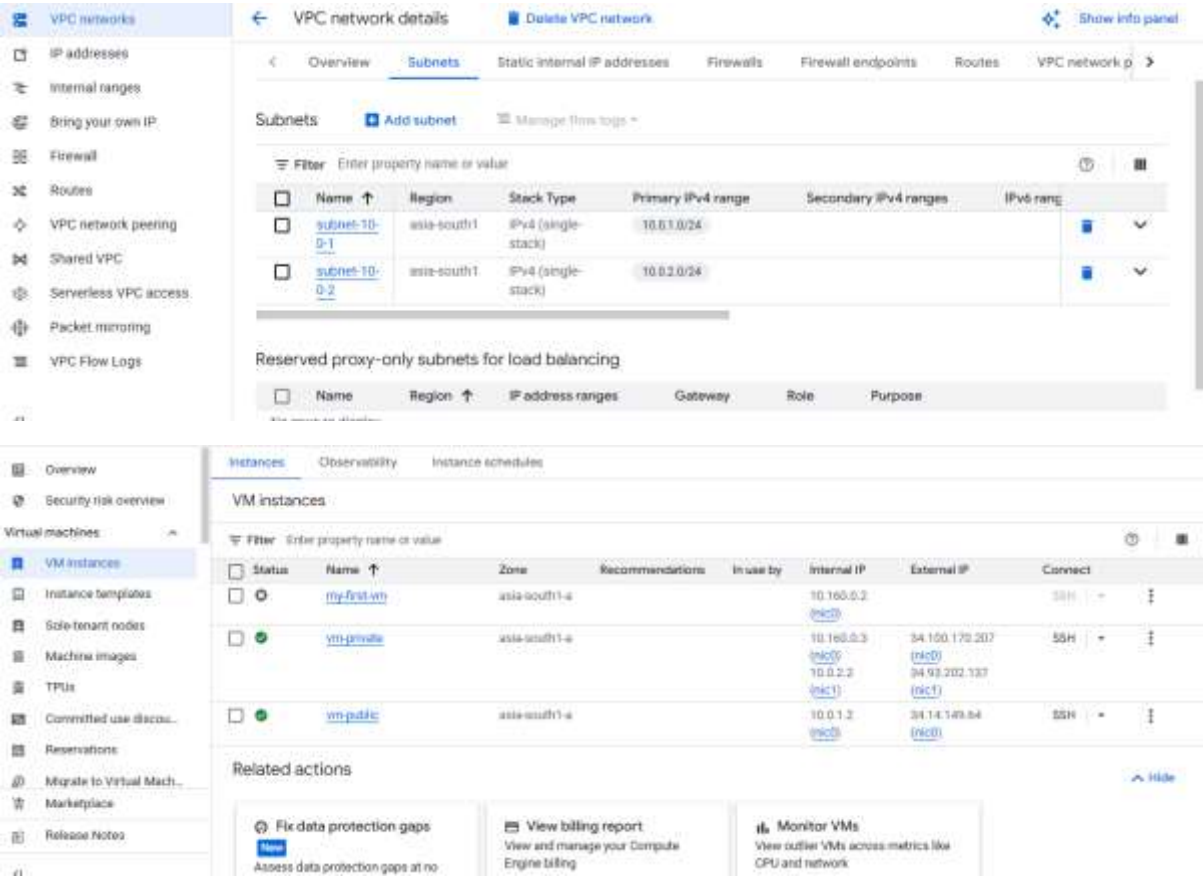
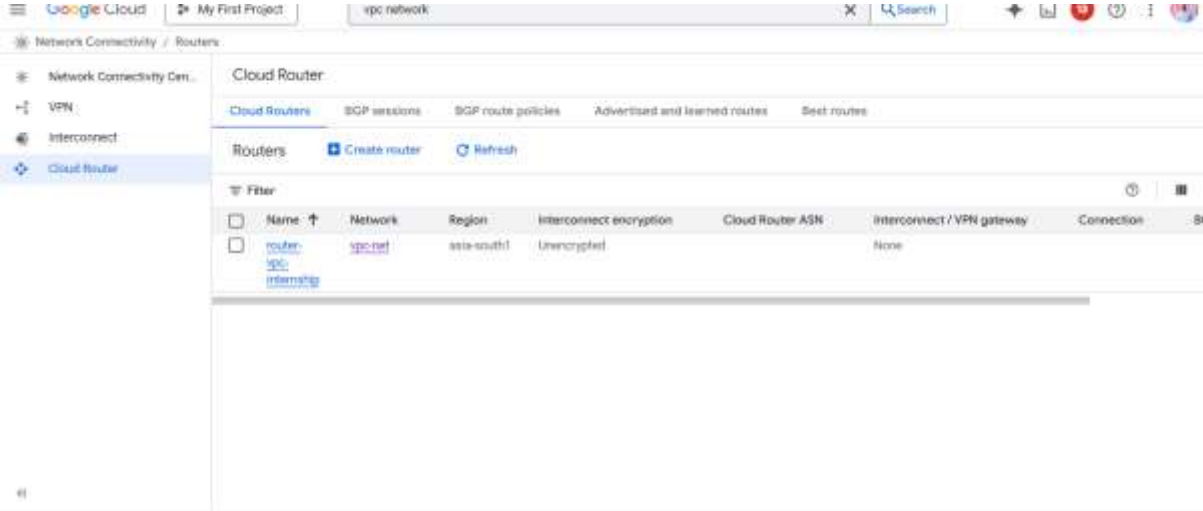


Task 3: Create and Configure a Virtual Private Cloud (VPC) with Subnets

Screenshot of VPC dashboard showing subnets



Screenshot of route table configuration



The image shows a web-based SSH interface titled "SSH-in-browser". At the top, there are links for "UPLOAD FILE" and "DOWNLOAD FILE", along with icons for a chat bubble, a document, and a settings gear. The main area is a terminal window with a black background and white text. The terminal prompt is "linux vm-public 6.1.0-40-cloud-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.153-1 (2025-09-20) a86_64". The user, "abhishek27shah@vm-public", enters several commands: "uname -a" (returns kernel and OS info), "whoami" (returns the user name), and "curl -I https://google.com" (returns HTTP headers for google.com). The headers include status "HTTP/2 301", location "https://www.google.co.uk/", content type "text/html; charset=UTF-8", and various security and caching headers. The terminal ends with the prompt "abhishek27shah@vm-public:~\$".

Short description: CIDR range, number of subnets, region, and whether internet access is enabled

VPC Name: vpc-internship-10-0. CIDR: 10.0.0.0/16. Subnets: subnet-public-10-0-1 (10.0.1.0/24) and subnet-private-10-0-2 (10.0.2.0/24) in region asia-south1. Internet access: public subnet has external IPs ; private subnet has no external IP ; Cloud NAT configured for outbound internet from private subnet.