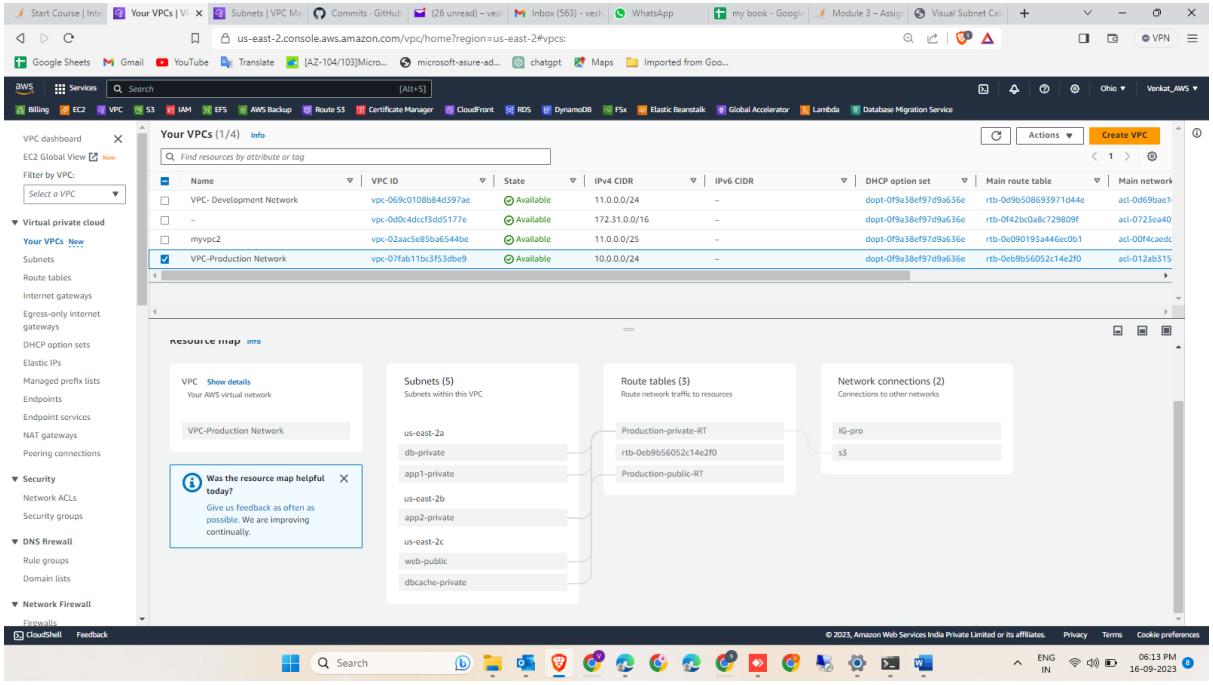
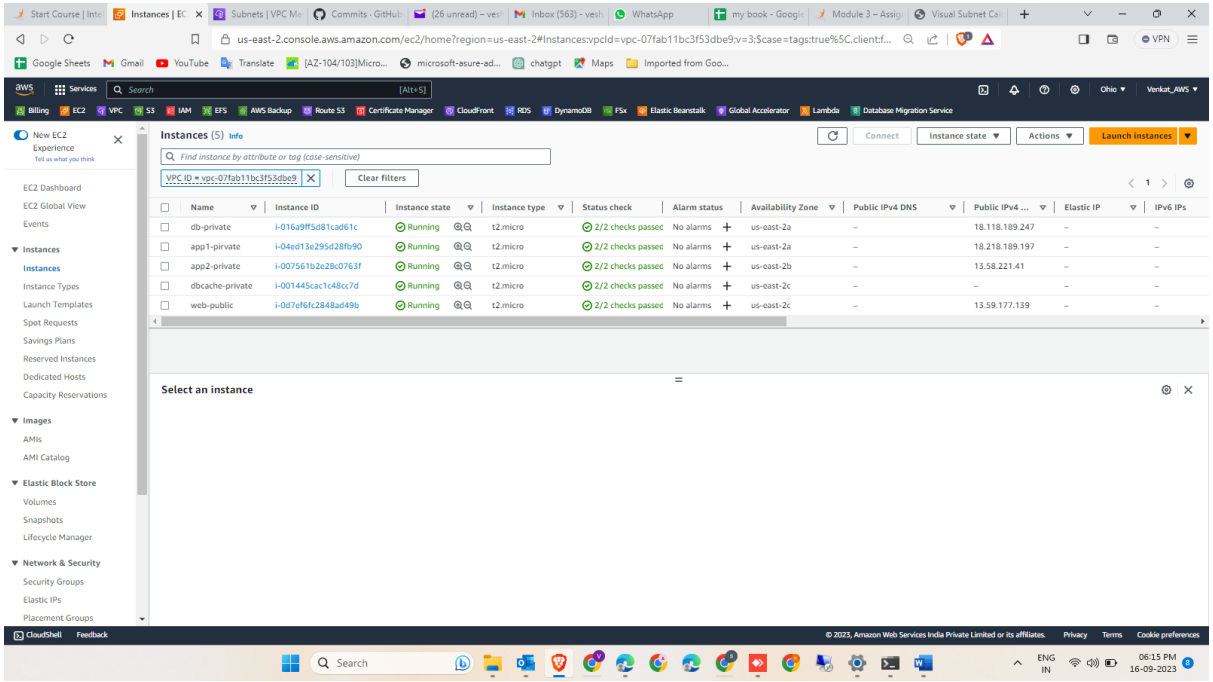
Case Study – VPC And Peering

Production Network

1. Created five subnets. Among them, four privates with names app1, app2, dbcache, and db, and the fifth one public with the name web.



2. Launched instances in all subnets, and name them as per the subnet as they are launched in.



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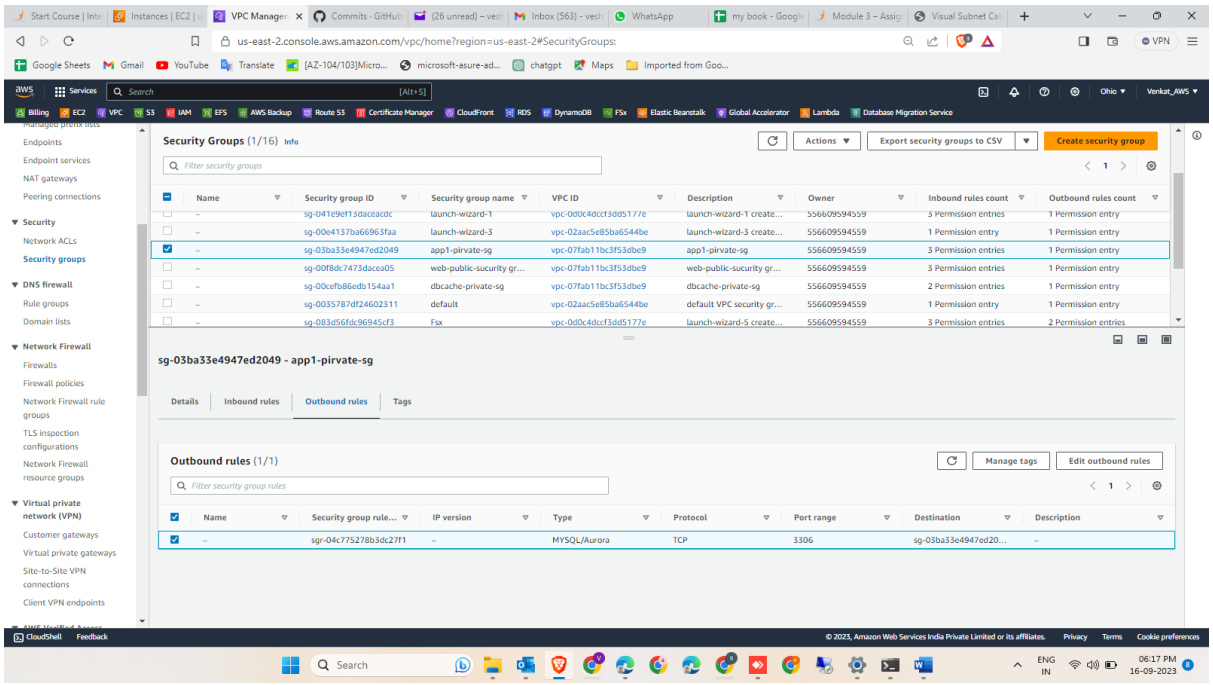
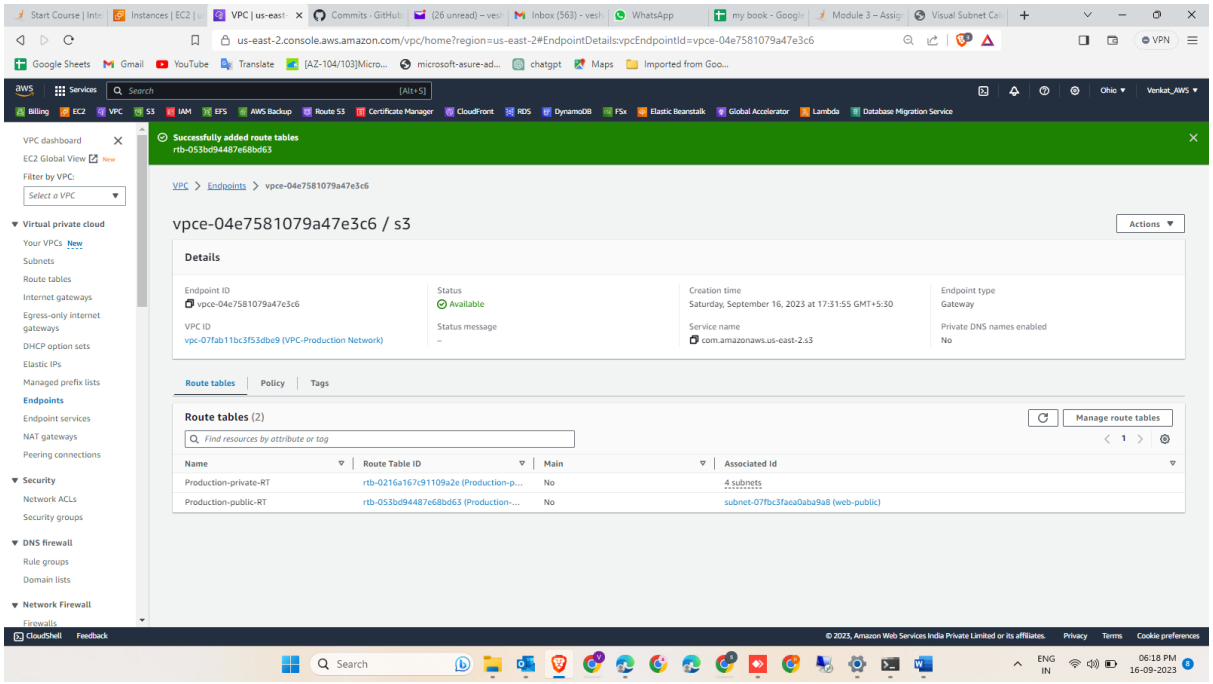
3. The dbcache instance can send Internet requests to app1 subnet.



4. Created a VPC Endpoint for the S3 service, and we can access the objects in any bucket from within the VPC.



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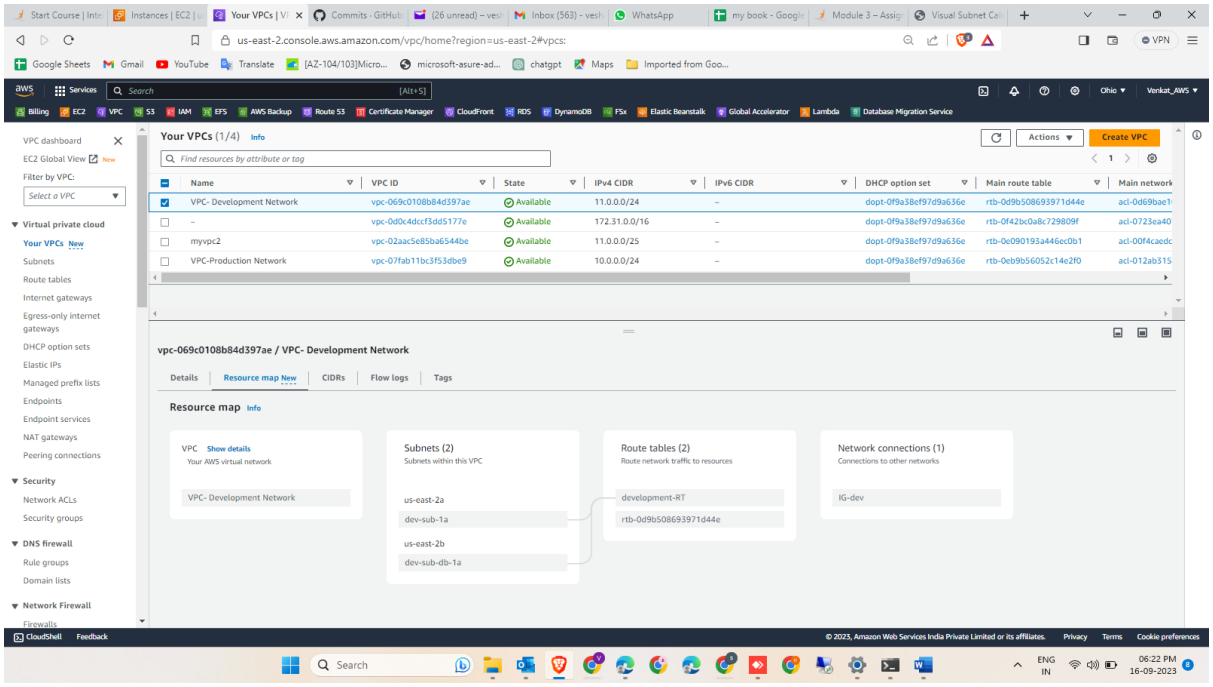
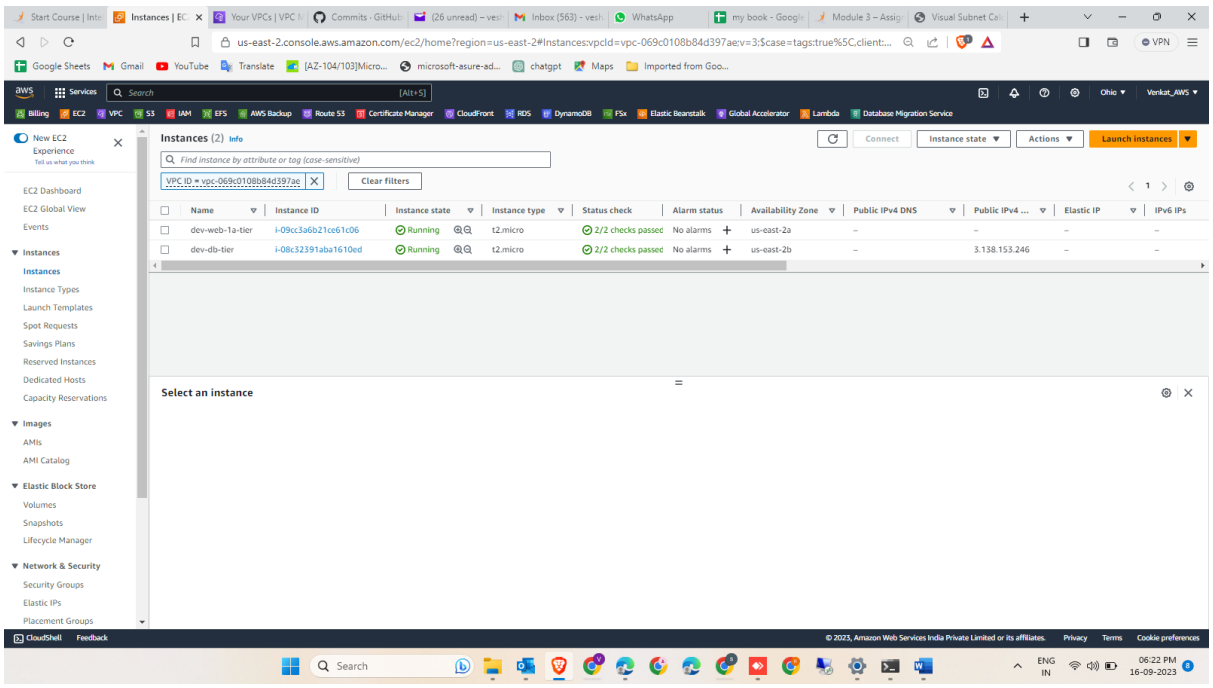
Development Network

1. Created two subnets named web and db, and launch instances in both subnets, naming them as per the subnet names.





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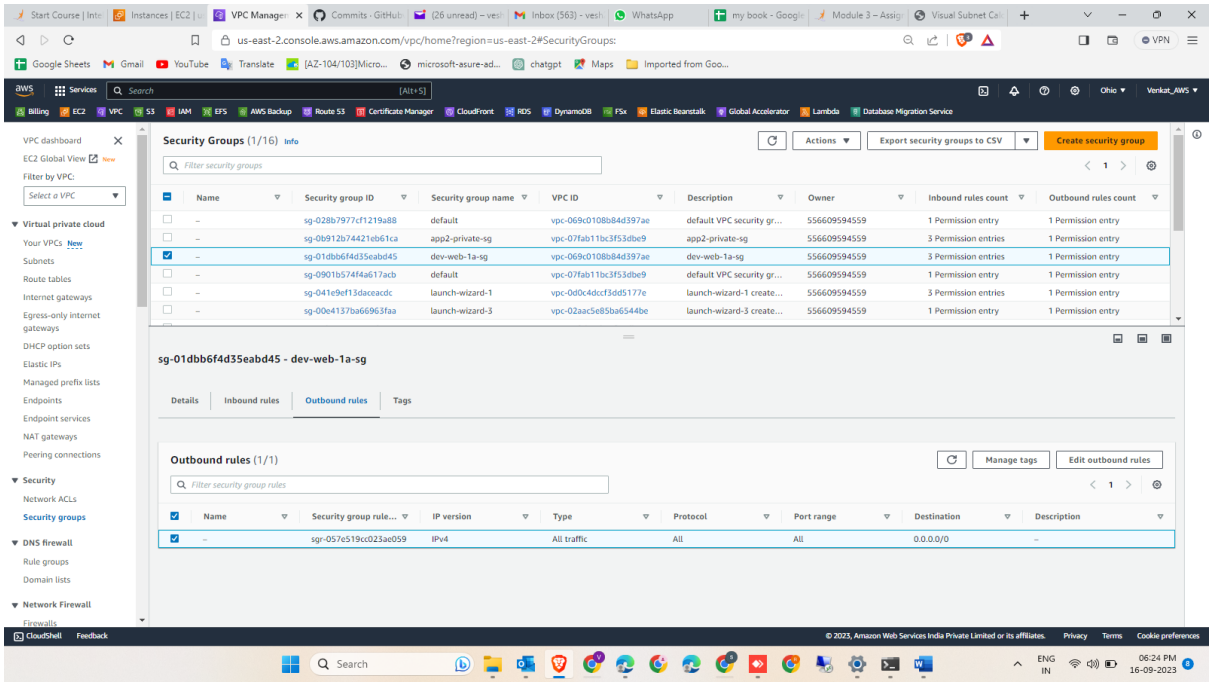
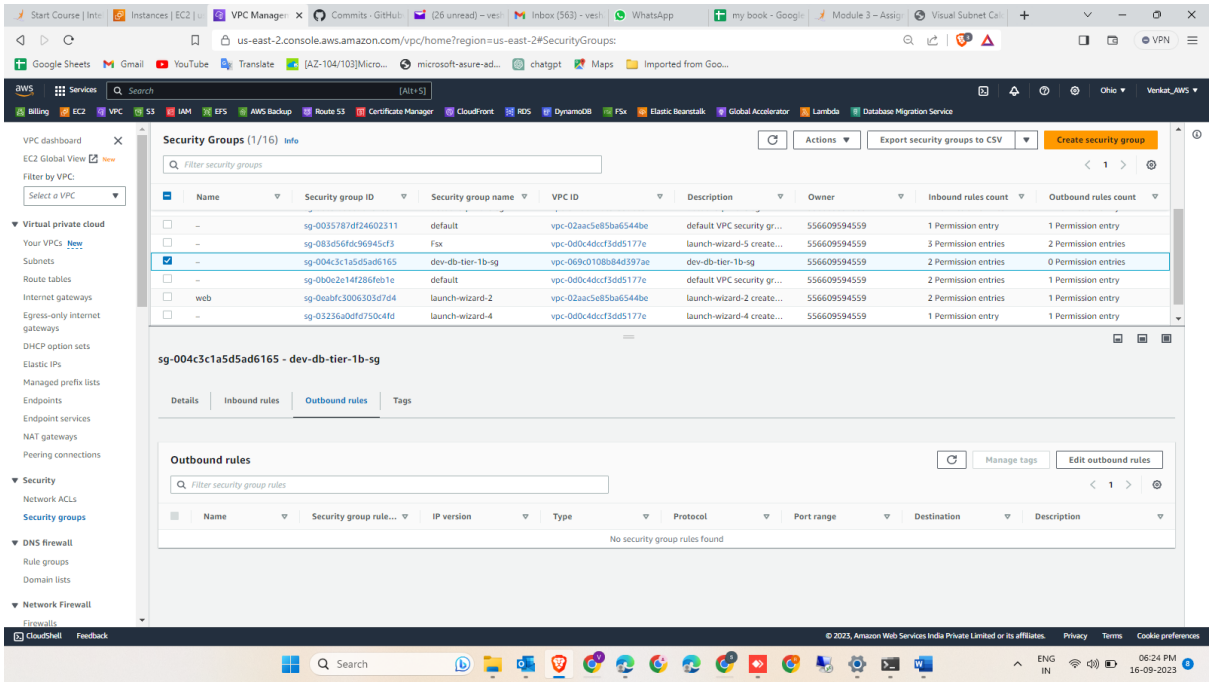
2. Only web subnet can send Internet requests. Db subnet cannot sent the internet requests, because I removed outbound rule.





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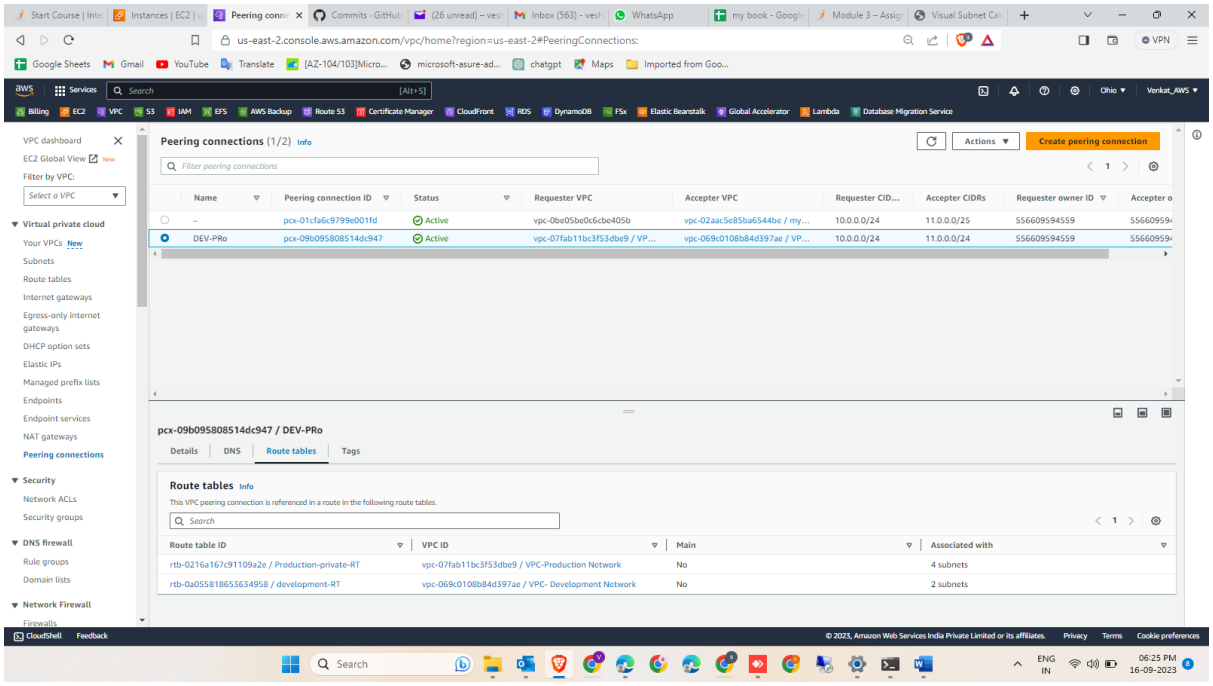
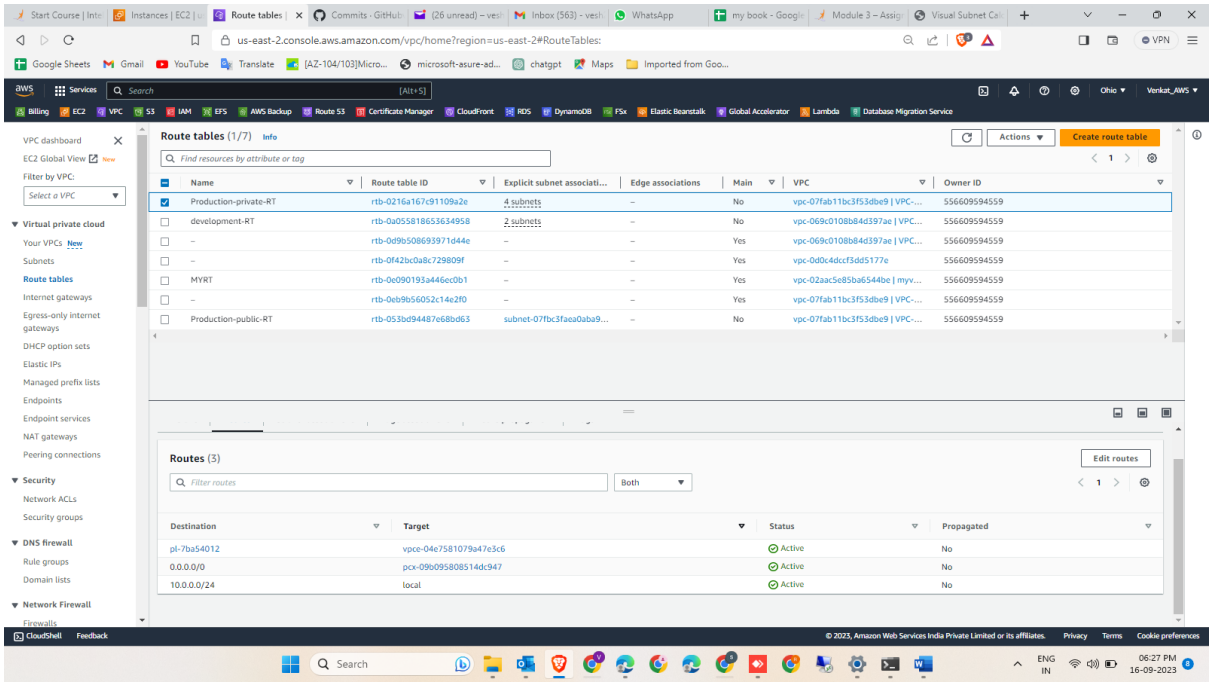
3. Created a peering connection between the production network and the development network.



4. Created a connection between the db subnets of both the production network and the development network.



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