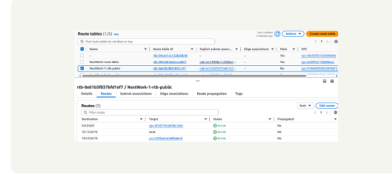


Connectivity troubleshooting

Looking at VPC 1's route table, I identified that the ping test with Instance 2's private address failed because there wasn't a direct route to VPC 2 from VPC 1. The missing ingredient in our architecture is the VPC peering connection that directly connects VPCs 1 and 2.

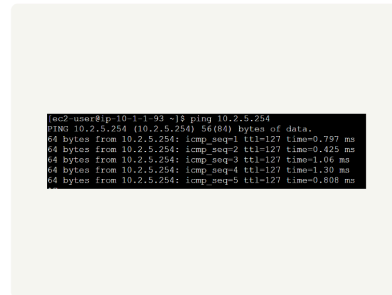
To solve this, I set up a peering connection between my VPCs

I also updated both VPCs' route tables so that traffic in VPC 1 knows how to reach resources in VPC 2. We will set up a route that directs traffic bound for VPC 2 to the peering connection we set up.



Connectivity troubleshooting

I received ping replies from Instance 2's private IP address! This means we have successfully resolved the connectivity issue by setting up a peering architecture between VPC 1 and VPC 2.



Analyzing flow logs

Flow logs indicate that ### bytes of data were sent successfully from IP address ### to ### using the protocol on port ###, with ### packets transferred and a determination of whether the traffic was allowed or rejected.

For example, the flow log I've captured tells us that a TCP connection from 185.169.4.150, port 48605, to 10.11.93, on port 8088, carrying 1 packet with 40 bytes of data, the start and end time of transmission, and the traffic was rejected. This was followed by a UDP transmission from 54.188.179.186, port 123, to 10.11.93, on port 8088, carrying 1 packet with 76 bytes of data, the start and end time of transmission, and the traffic was rejected.

