PostgreSQL on Azure VM

Steps:

1. Create a virtual machine in Azure dashboard
2. Copy its IP address
3. Install Microsoft Remote Desktop
4. Login using our created VM’s IP
5. Install PostgreSQL
6. In conf file: pg\_hba : host all all <your-mac-ip>/32 md5
7. In conf file: postgresql.conf: listen\_addresses = '\*'
8. Create an inbound rule in Azure dashboard with port number 5432, tcp protocol, and allow actions - this rule enables/maintains traffic from azure to VM. -> facilitates communication from azure to VM – allows to send packets.
9. Create an inbound rule windows firewall of VM (Win+R => wf.msc) with same details – this rule enables/maintains process of packets from azure to VM. -> facilitates acceptancs of any communication from azure to VM – allows receiving of packets. (BOTH RULES MUST BE PRESENT)
10. Restart PSQL – stop and start again in cmd
11. Now in Mac terminal check connection: nc -zv <vm-ip> 5432 # should say “succeeded”
12. Also try to open command terminal : psql -h <vm-ip> -U postgres -d <your\_db\_name>
13. Now change your connection string in webapi project and migrate again.
14. Check for database existence in VM PostgreSQL admin.