Application Containerization Lab

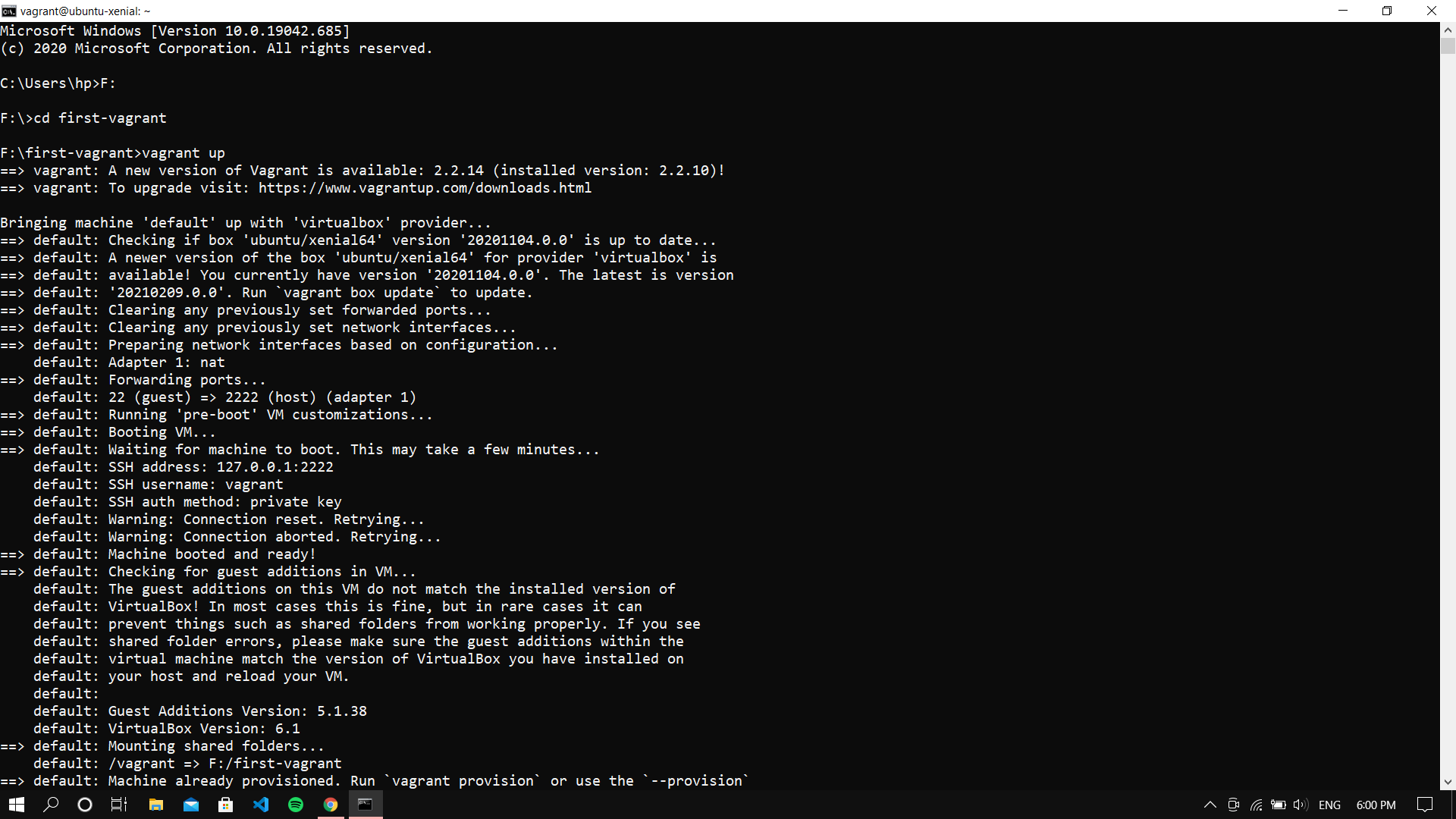
**Name: ABHISHEK SHARMA**

**Roll No: R171218005**

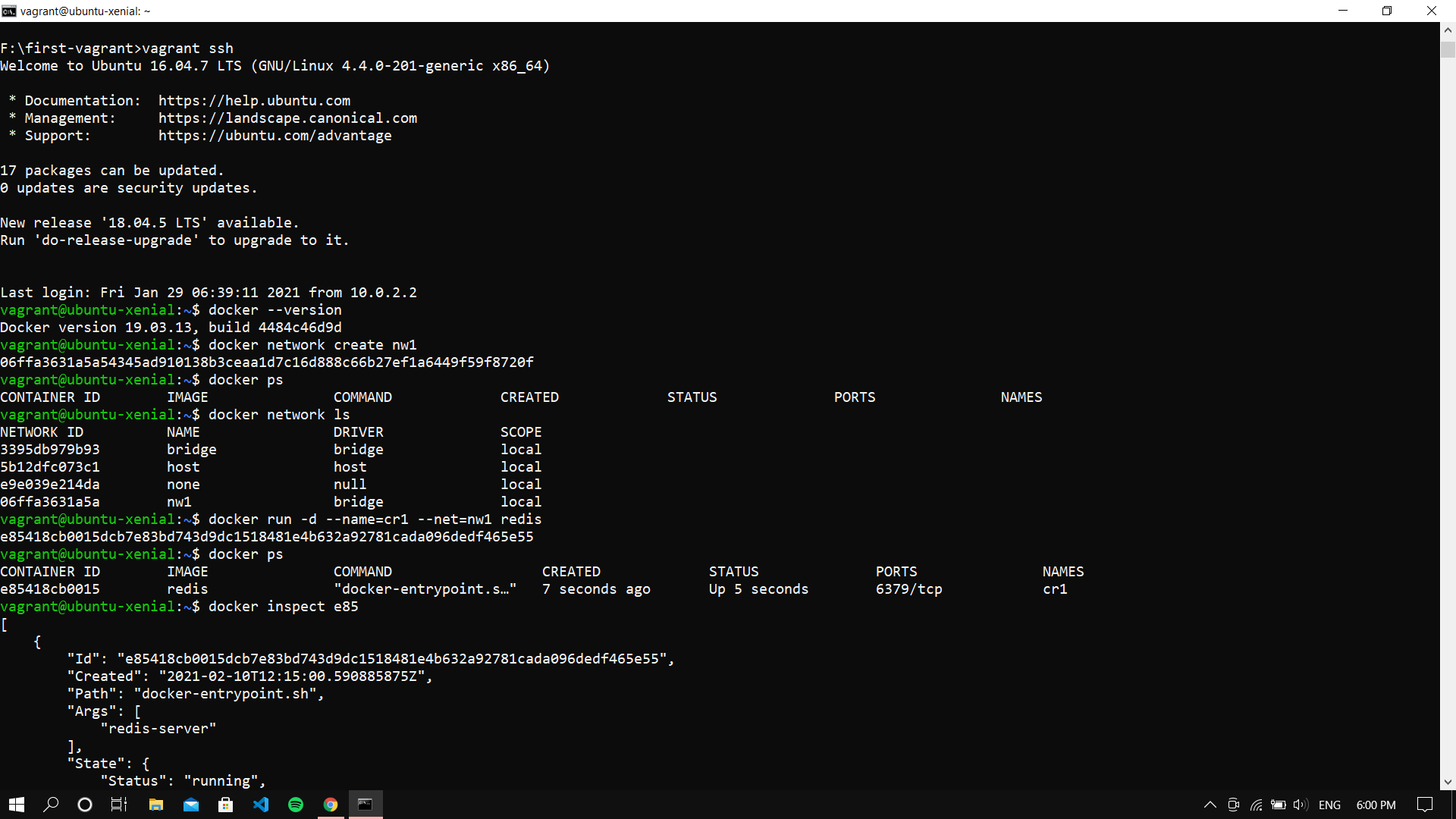
Experiment – 3

(Docker Networks)

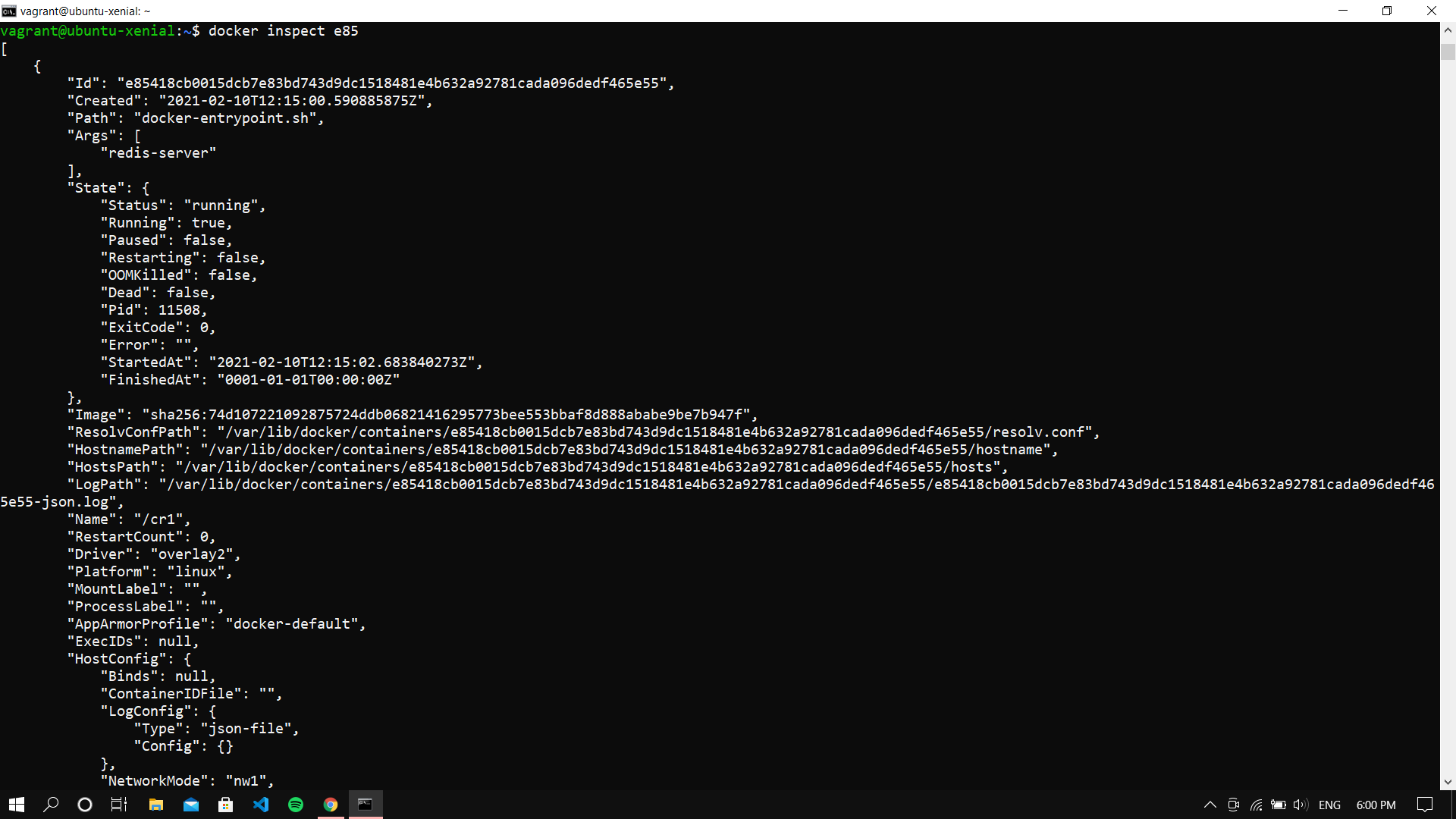
Starting VM

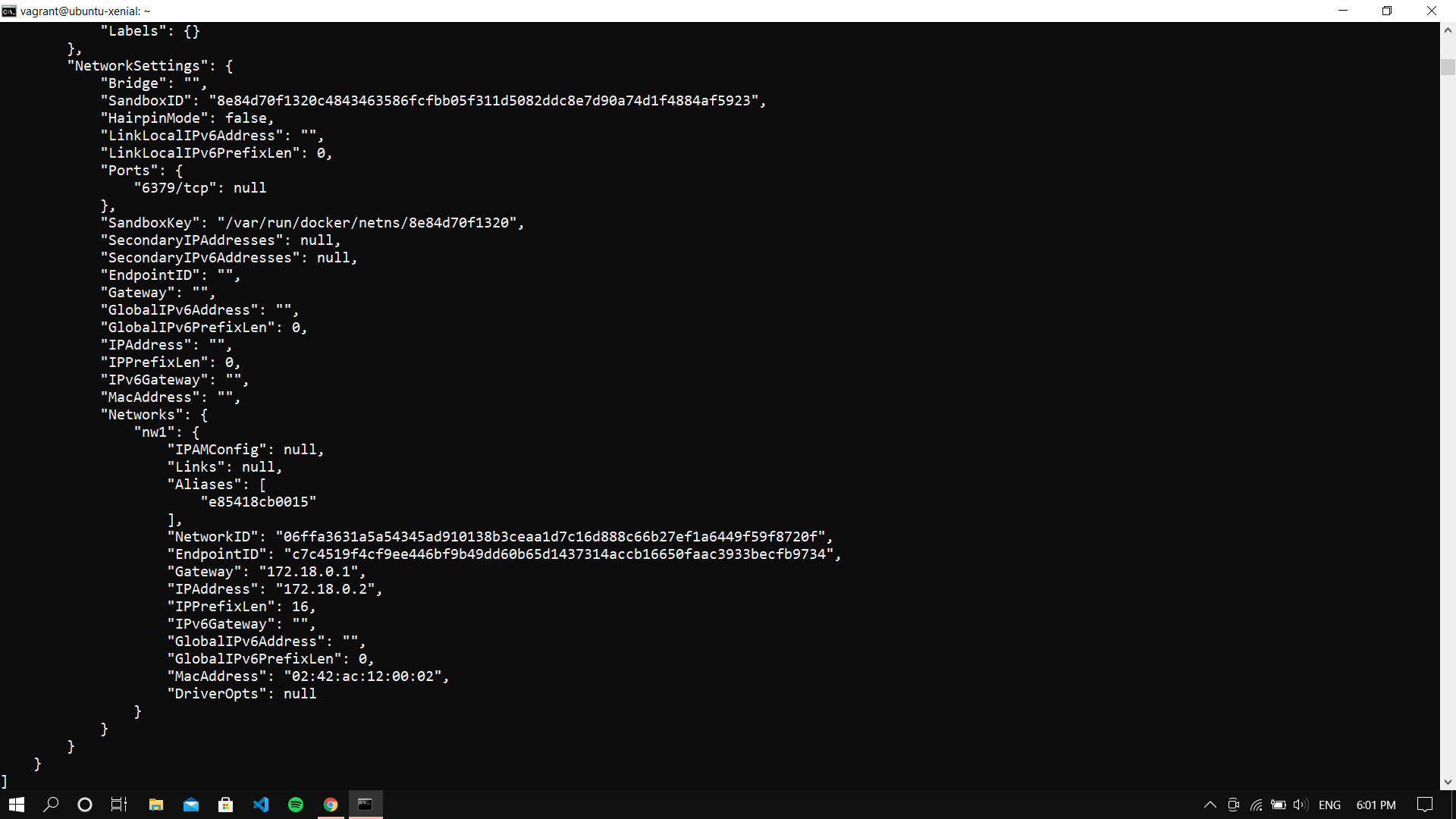


Creating a Network **nw1** and creating a Redis container cr1

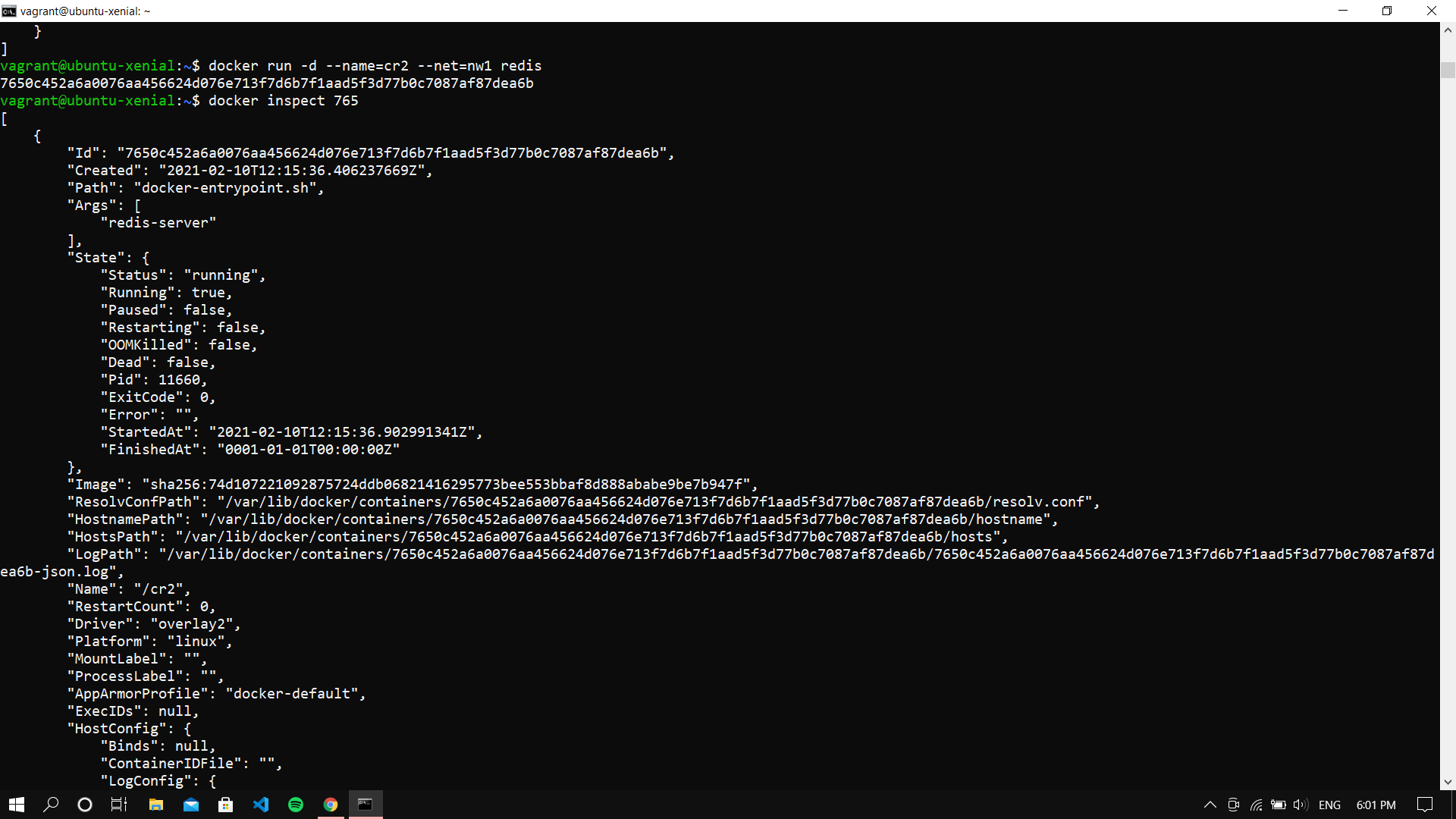


Inspecting the image

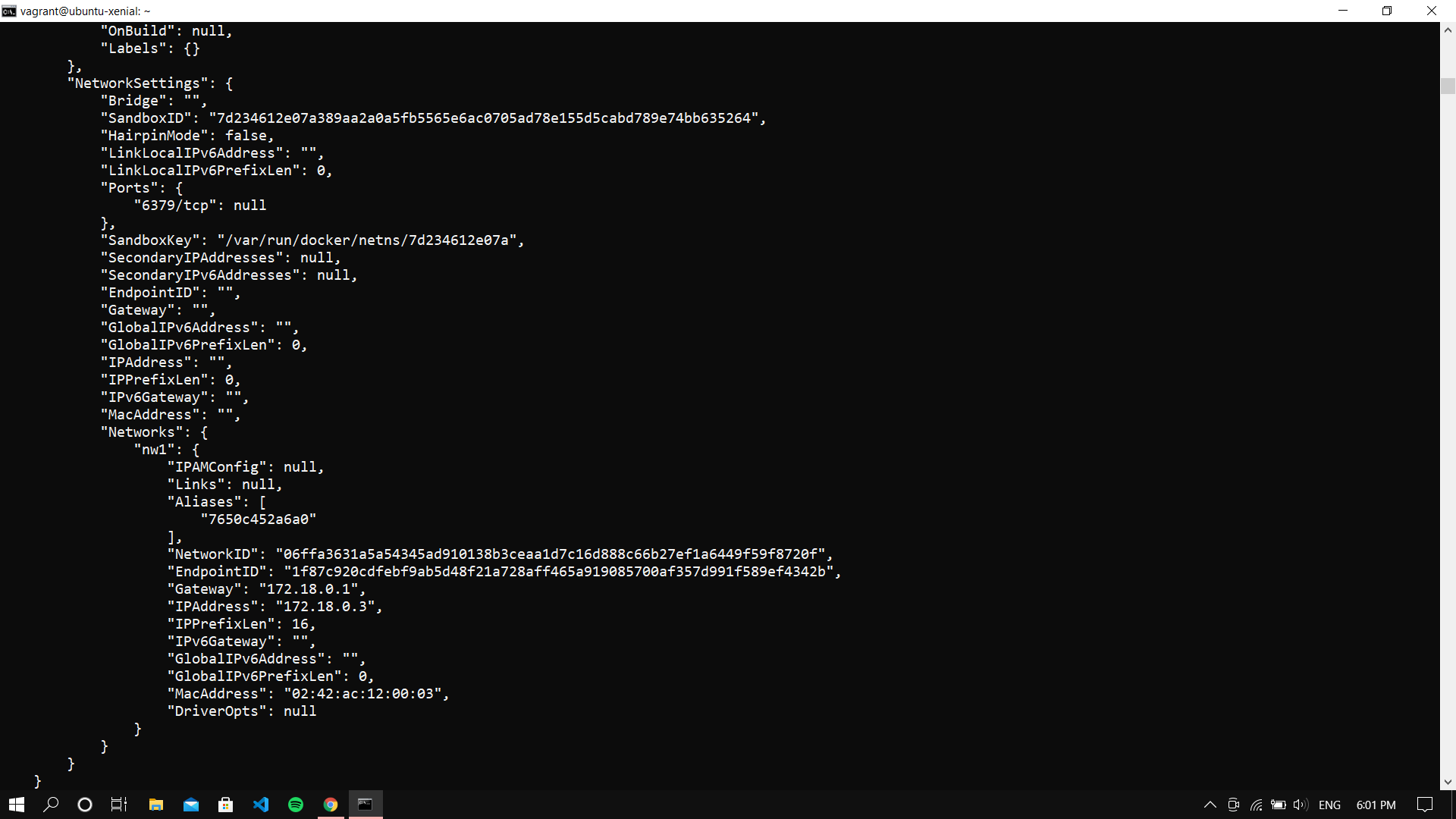




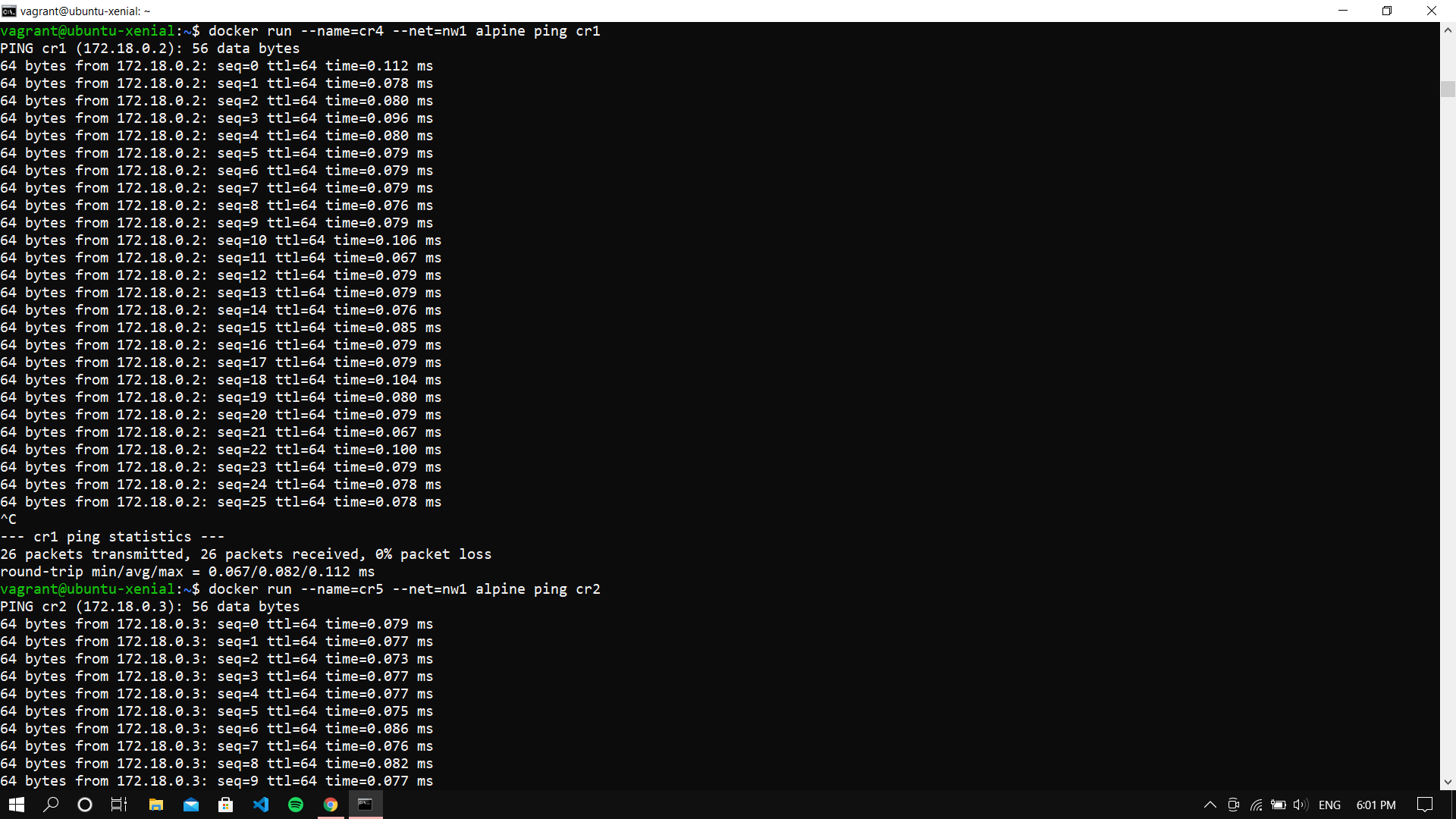
Creating container cr2 in network nw1



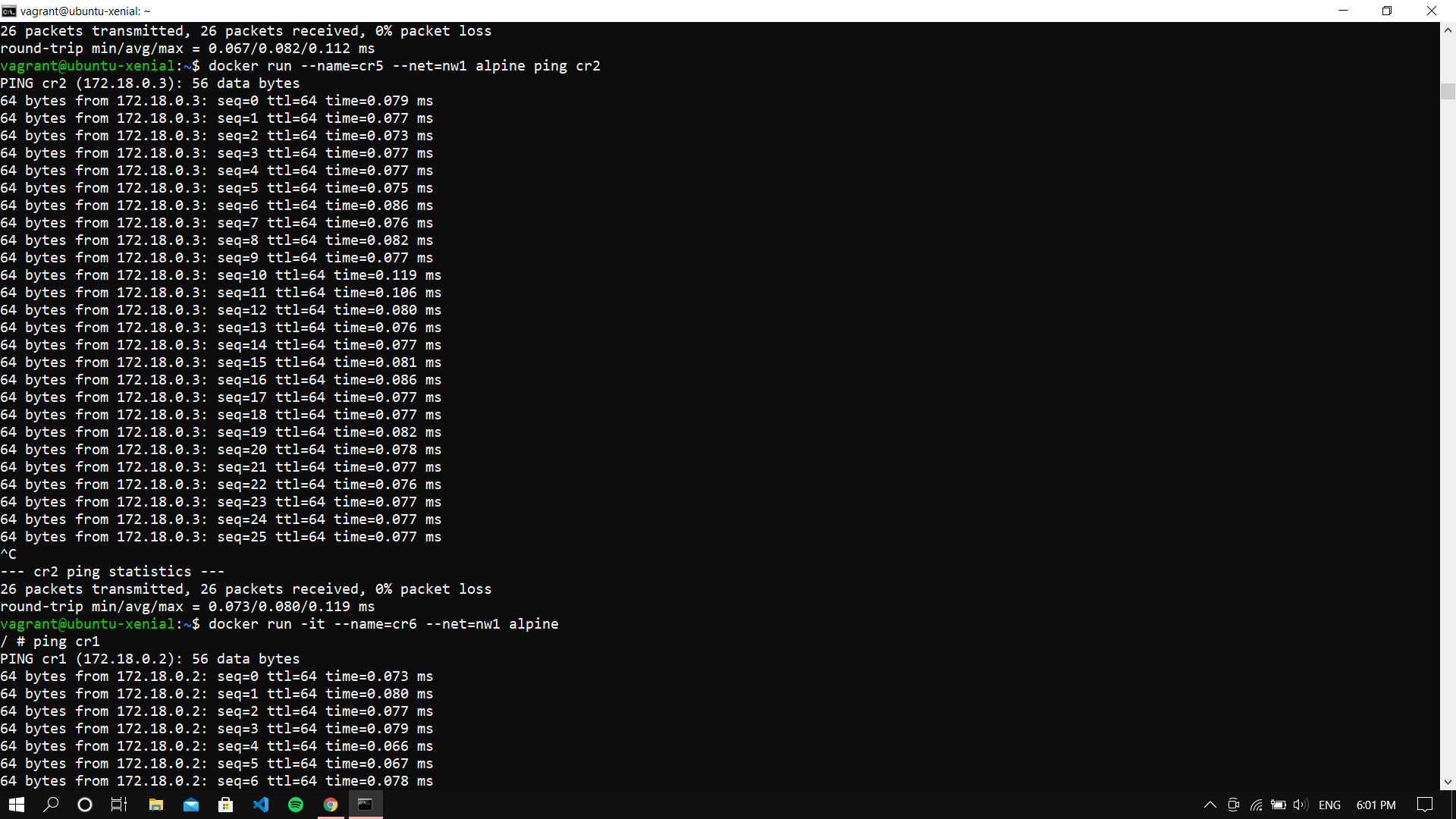
Inspecting the cr2 container



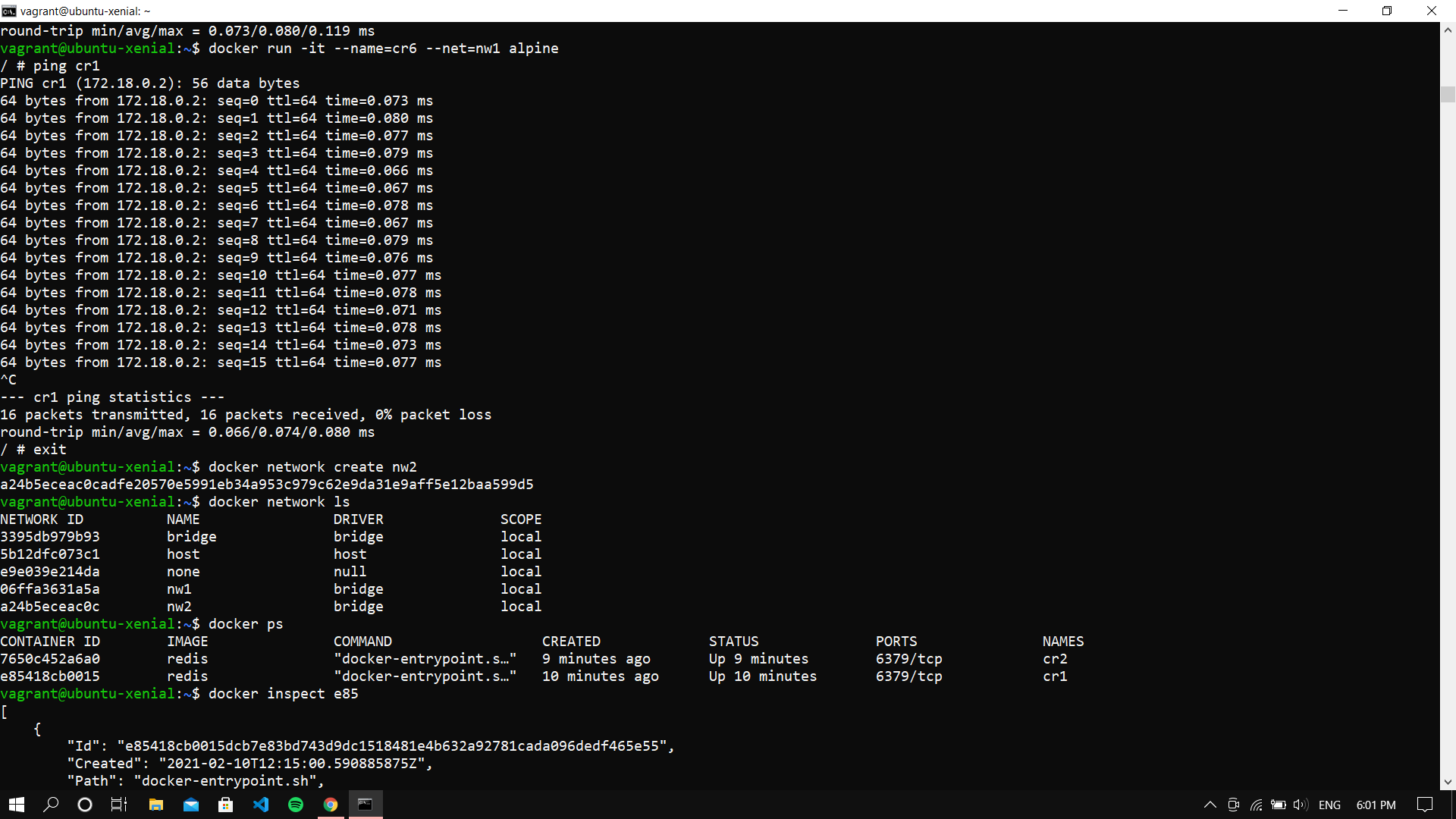
Making a cr4 container in nw1 and pinging it with cr1



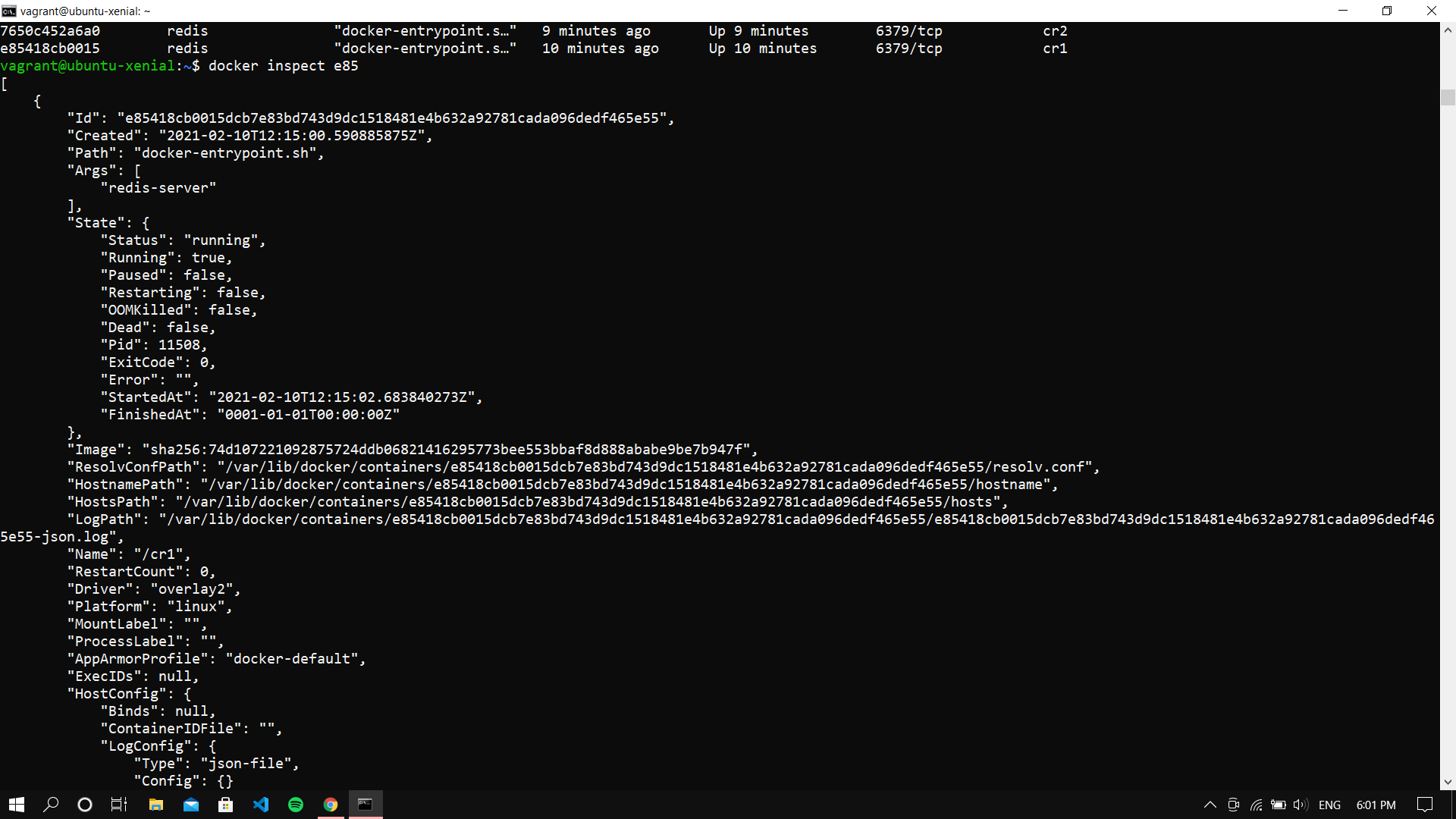
Making a cr5 container in nw1 and pinging it with cr2



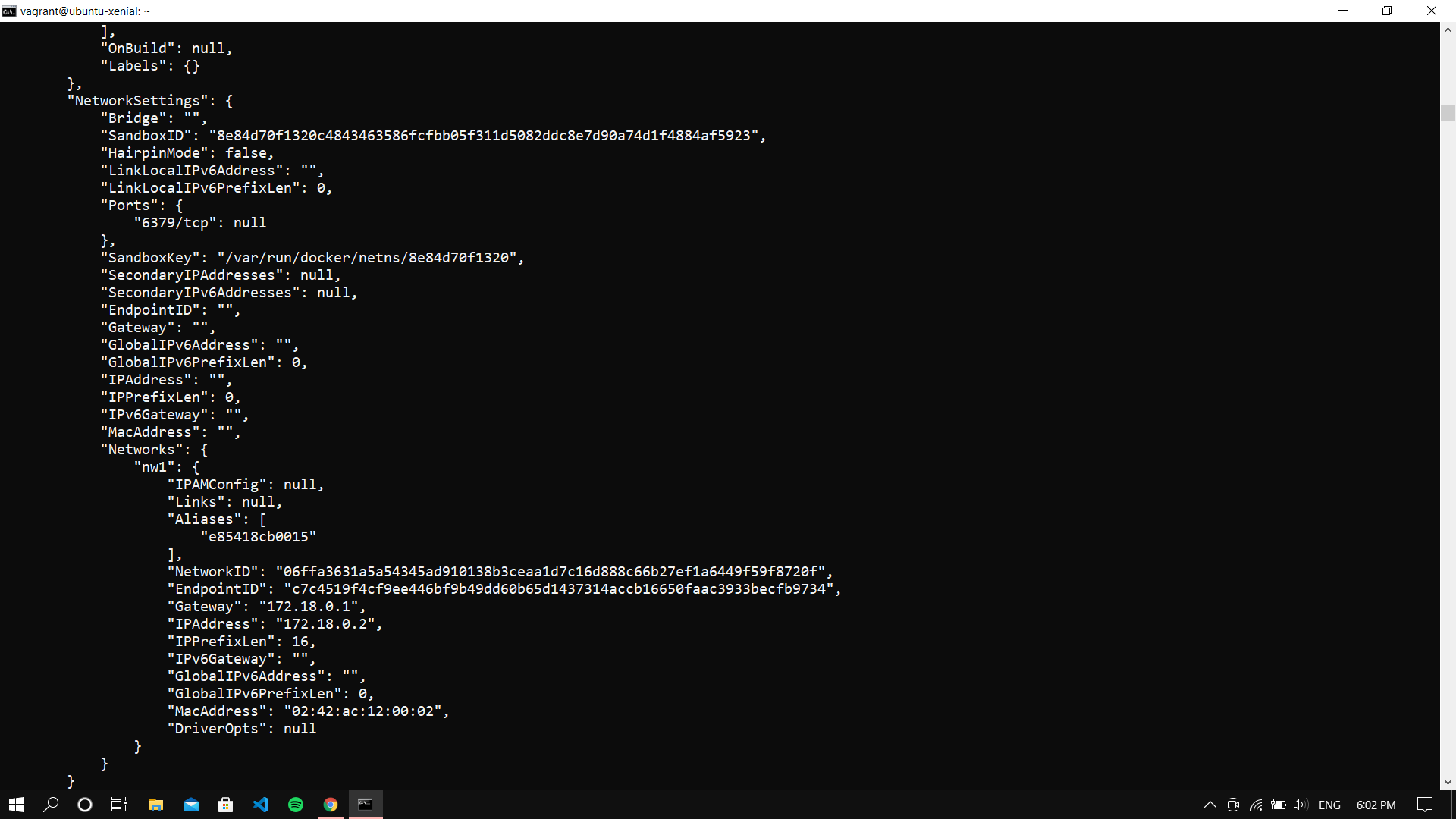
Running container cr6 with interactive terminal and then ping cr1 and creating another network nw2

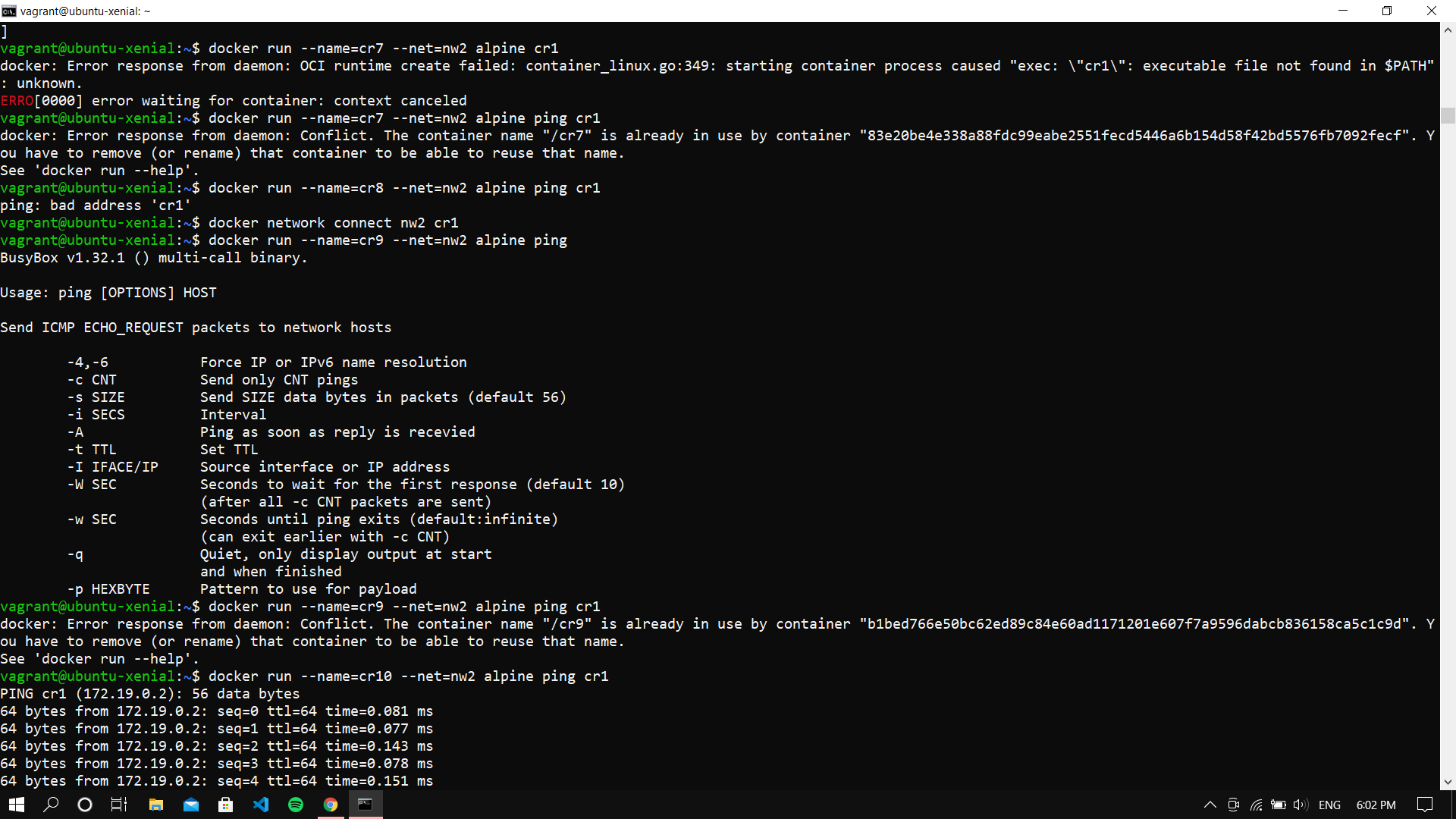


Inspecting the cr1 container

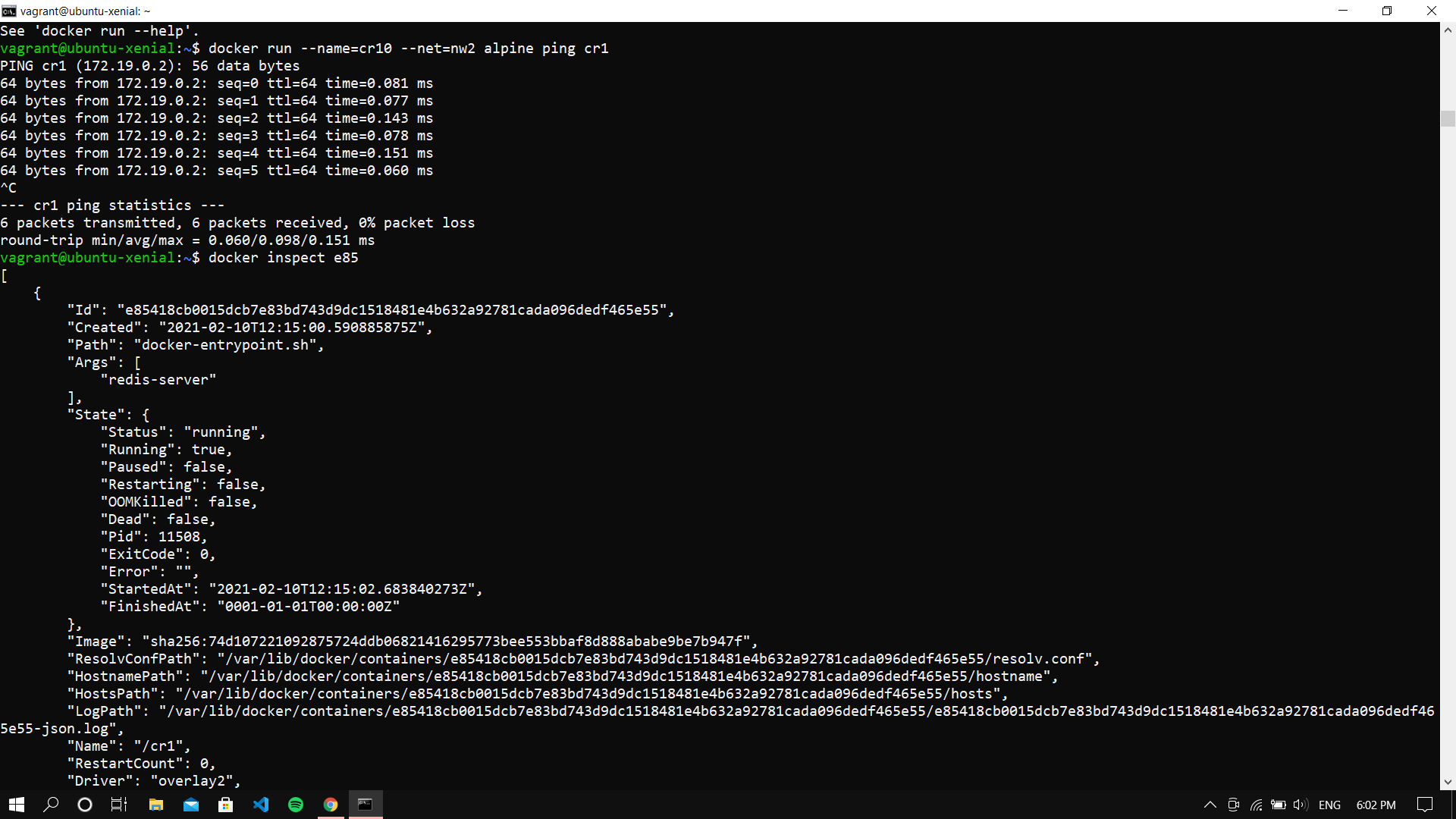


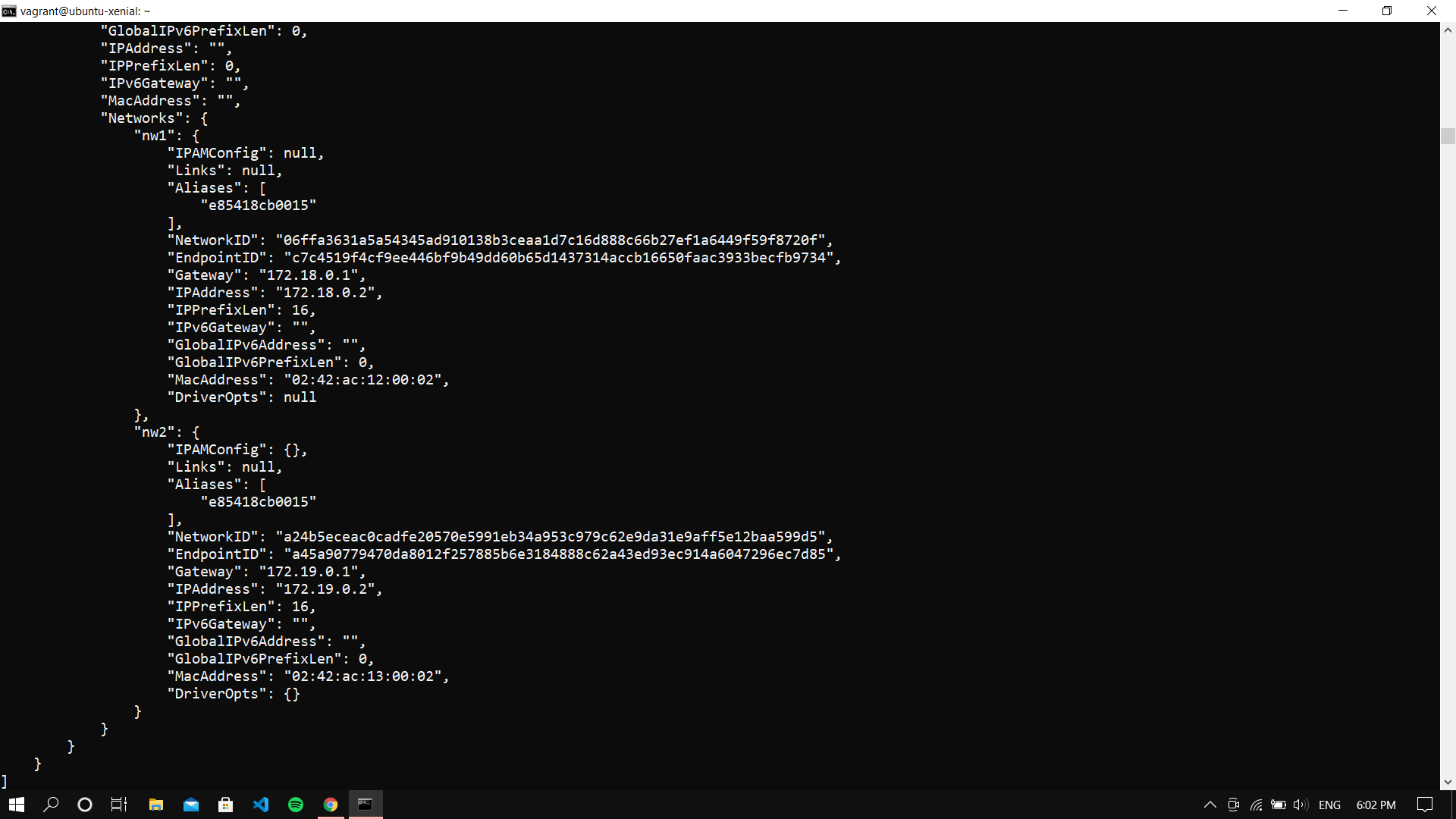
Making cr8 in nw2 and pinging cr1 with it but it gives bad address error as cr1 is in nw1 and not in nw2, so connecting cr1 with nw2





Running cr10 in nw2 and pinging with cr1 (after connecting)



Inspecting the container

Exiting the VM and shutting it down

