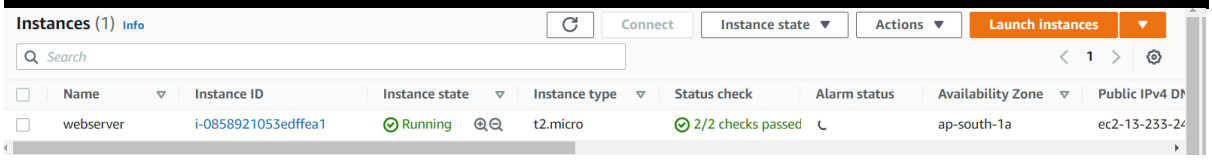
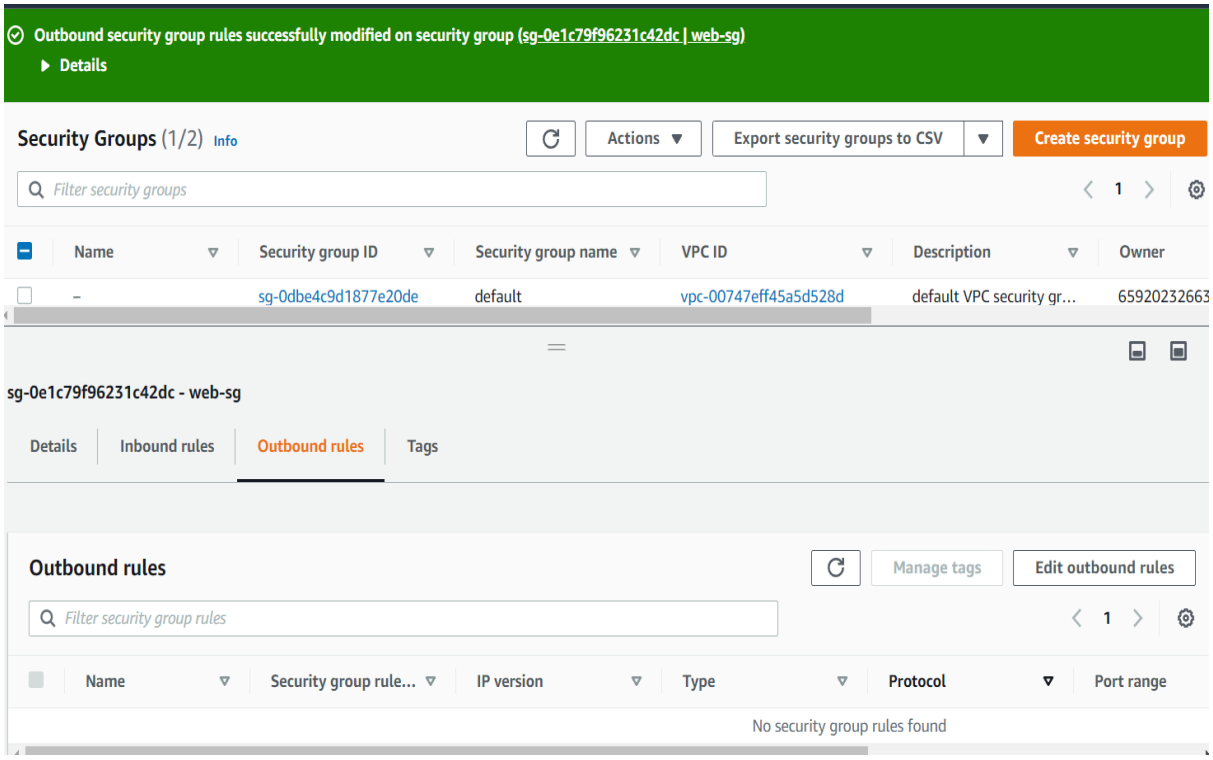
# Difference between NACL vs SG

## TASK PERFORM SG (STATEFULL)

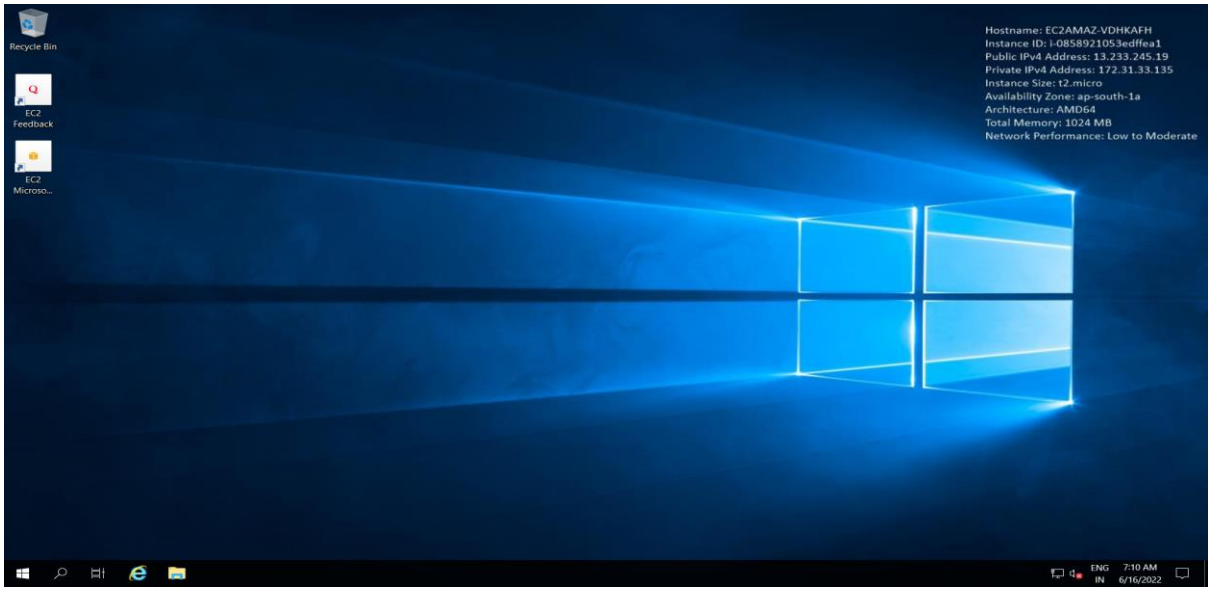
### CREATE 1 EC2 INSTANCE




### If remove the default outbound rule from sg and see whether you are able to RDP or not.




### Check SUCCESSFULLY CONNECTED



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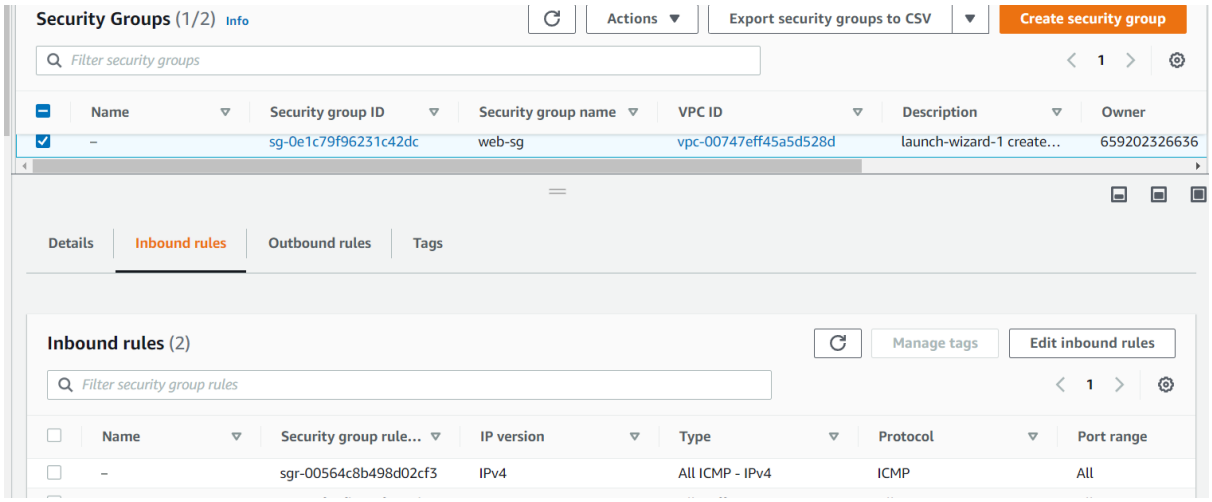
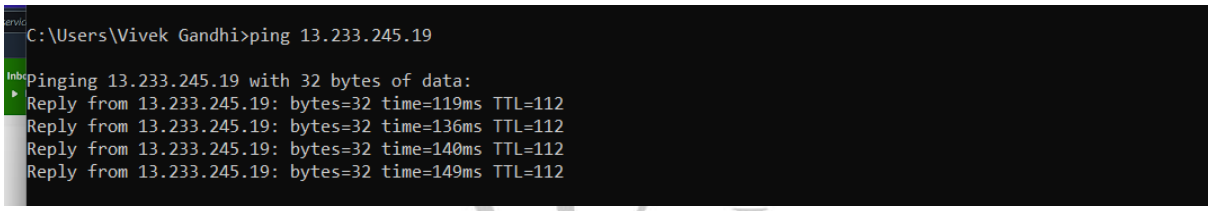
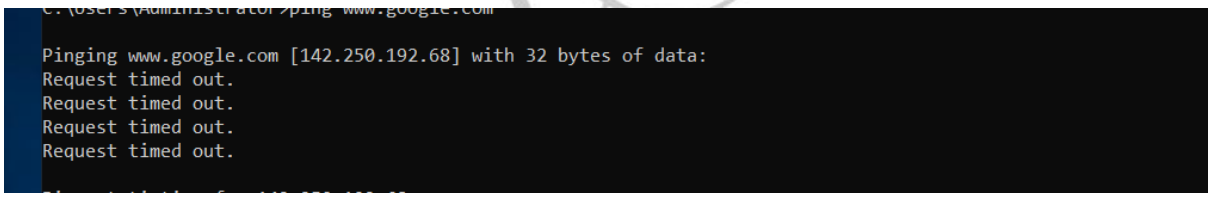
## If add new inbound rule for all ICMP ipv4 traffic in to sg




## Try to ping windows instance which you created form your local system



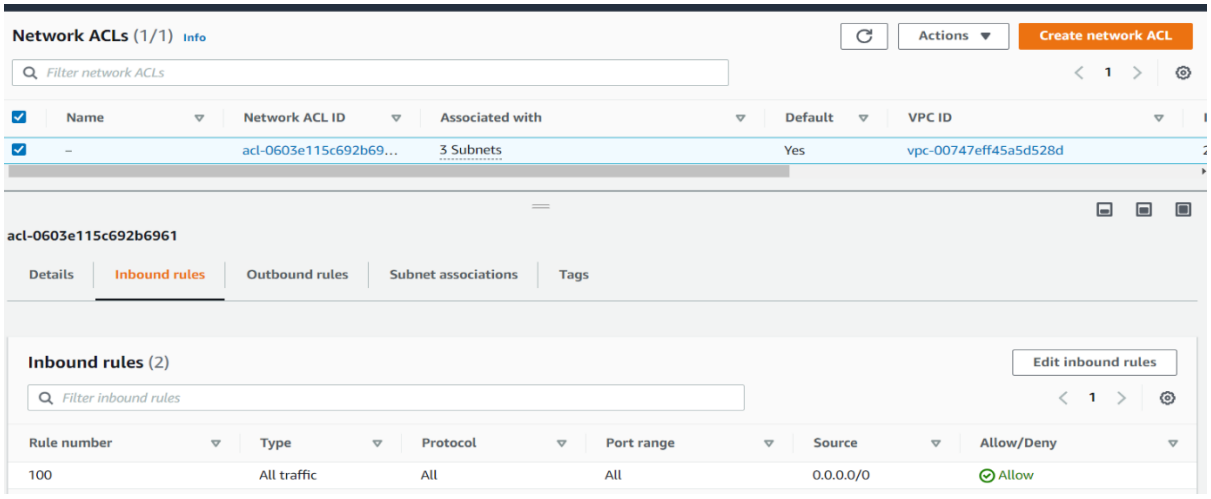

## NOT GOING PING WINDOWS INSTANCE TO GOOGLE

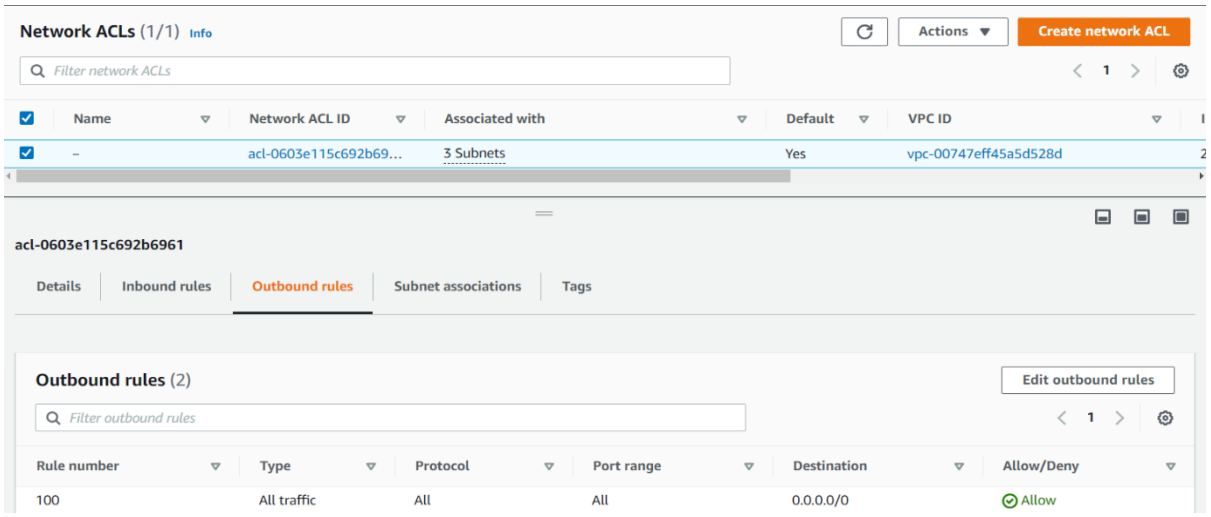


# Difference between NACL vs SG

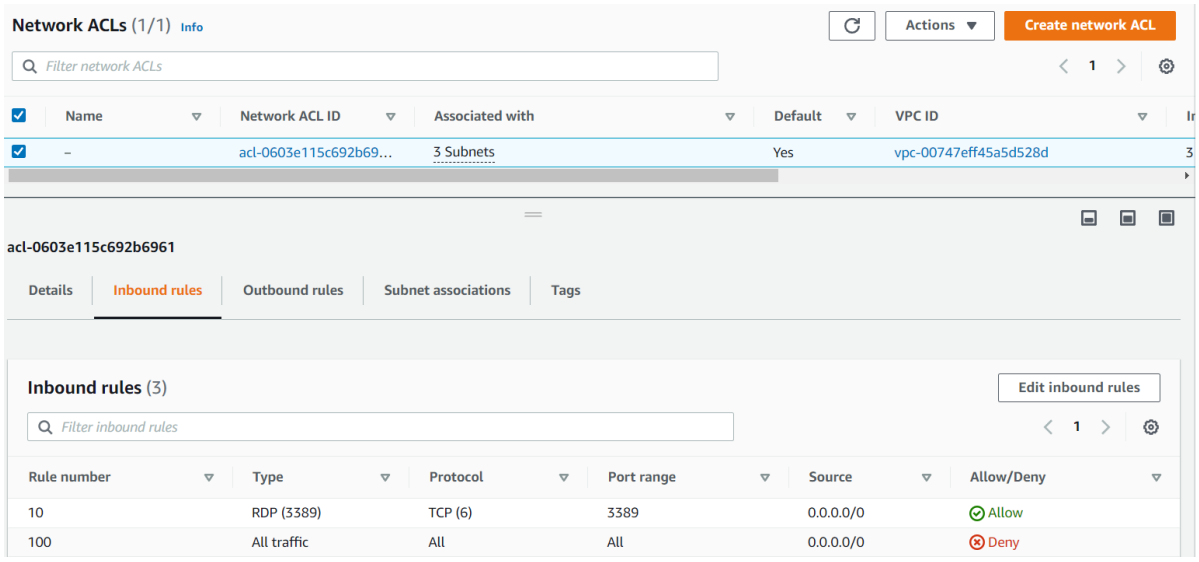
## TASK PERFORM NACL (STATELESS)

**Go to nacl and see what are the default entry inbound and outbound rules**




**Go to inbound rule and create to rules 1 - allow rdp 2 - deny all traffic**



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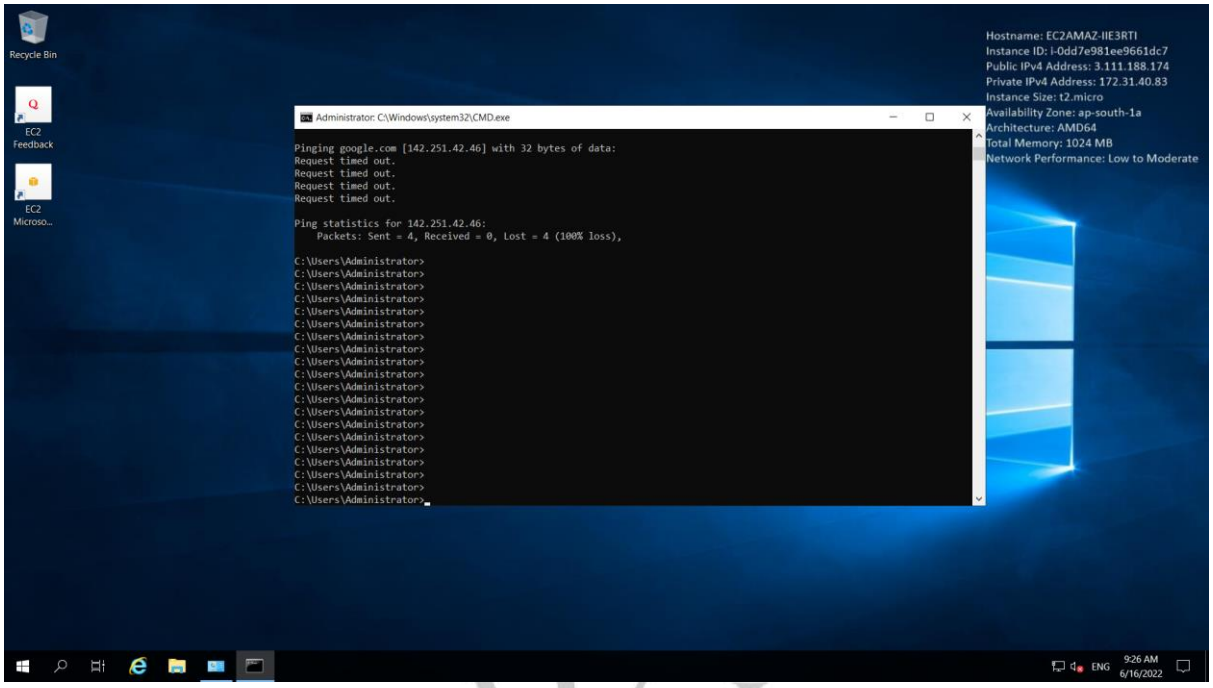
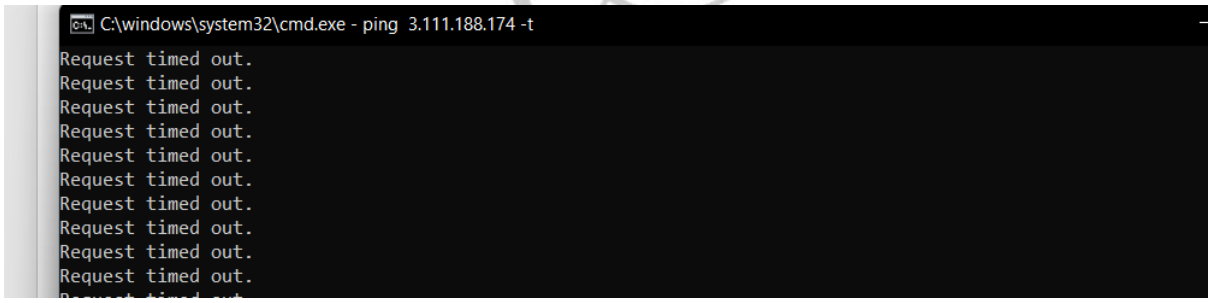
# Difference between NACL vs SG

**Now see whether you are able to ping to windows instance from your system or not or connect RDP**

**ONLY CONNECT RDP BECAUSE BOTH SIDE ONLY ENTRY RDP OR BLOCK (PING TO INSTANCE AND GOOGLE)**




**BLOCK PING LOCAL SYSTEM TO WINDOWS INSTANCE**




**IF INBOUND RULE: - ALL TRAFFIC ALLOW & OUTBOUND ROULE: - ICMP IVP4 ALLOW**

**RESULT: - ONLY PING ALLOW LOCAL SYSTEM TO WINDOW INSTANCE BLOCK RDP & OTHER SERVICES**