**- Write out the inbound and outbound rules for the private subnet**

**Inbound A screenshot of a cell phone

Description automatically generated**

**A screenshot of a cell phone

Description automatically generated**

**Outbound**

**- Research Security Groups and how does it Differ Network Access Control**

Security groups are similar to NACL, they both deny or allow traffic.

The difference

* Security groups are on the instance level, NACL is on the subnet level.
* Allow/deny rules work differently in NACL and security groups
* When traffic comes in it has to come in through a security group, when traffic leaves from an instance it has to go through a security group.
* They are both virtual firewalls
* Best practice is to only allow traffic that is required such as if you posting a web server, than only http traffic should allowed.

**- Research Bastian Host**

* Provide secure access to Linux instances
* Bastion hosts are used as a security measure to administer instances in private subnet
* The bastion goes in public subnet and ensure it can connect to private subnet instances.
* Ensure bastion host has inbound security rule to workstation from where you will connect.