SECURITY GROUP:

* Work as a firewall which stop unauthorized access at Instance level
* Use security at Instance-Level
* S.G are limited to VPC
* Has 2 type of rules:
* Inbound🡪Allow traffic towards ec2 instance.

By default inbound rule are deny

We can only allow any IP/Protocol in the Inbound

* Outbound🡪Which send traffic to outside Ec2 instance

By default outbound rule are allowed

POINTS:

* Every EC2 instance must have at least one S.G
* 1 EC2-🡪1 S.G
* Multiple S.G -🡪 1 EC2
* 1 S.G🡪 Multiple EC2

IMPORTANT:

* AWS has a default S.G
* By default inbound rules are deny and outbound rules are allowed.
* Allow inbound rule then no need to allow in outbound it will automatically get allow called as “STATEFULL”
* Allow inbound rule and even we need to allow outbound rule called as “STATELESS”

IMPORTANT PORT NO:

RDP: 3389

SSH: 422

HTTP:80

HTTPS: 443

FTP: 21&20

SFTP: 22

SMTP: 25

DNS: 53