AWS Certified Cloud Practitioner Training Bootcamp

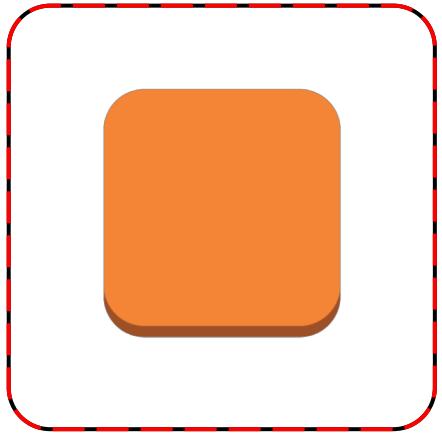
Security Groups Basics 101

Security Groups (SG) Basics

- AWS security groups act as a virtual firewall for your EC2 instances to control inbound and outbound traffic

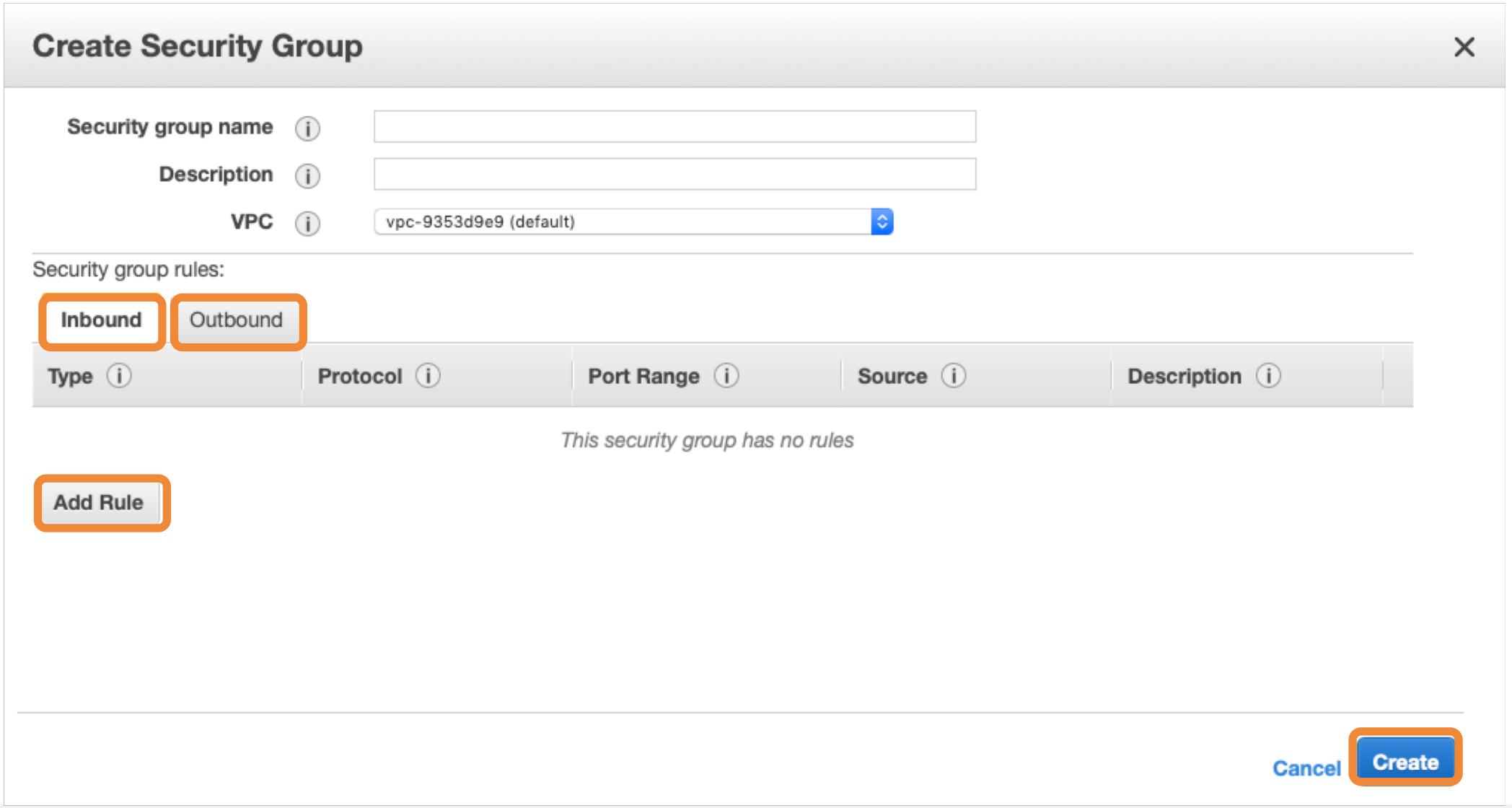
- Security groups enforce security at the instance level, not the subnet; different EC2 instances can have different SGs applied

- In a SG you add rules that control inbound traffic to instances and separate rules that control outbound traffic



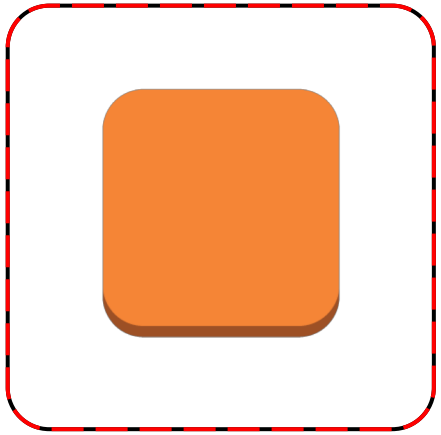
Security Group

Security Groups (SG) Basics



Security Groups (SG) Basics

- When you first create a security group, it has no inbound rules => no traffic is permitted to EC2
- When defining rules, you can only specify allow rules and no deny rules
- By default, all outbound traffic is permitted
- What rules can you actually define in a SG ?



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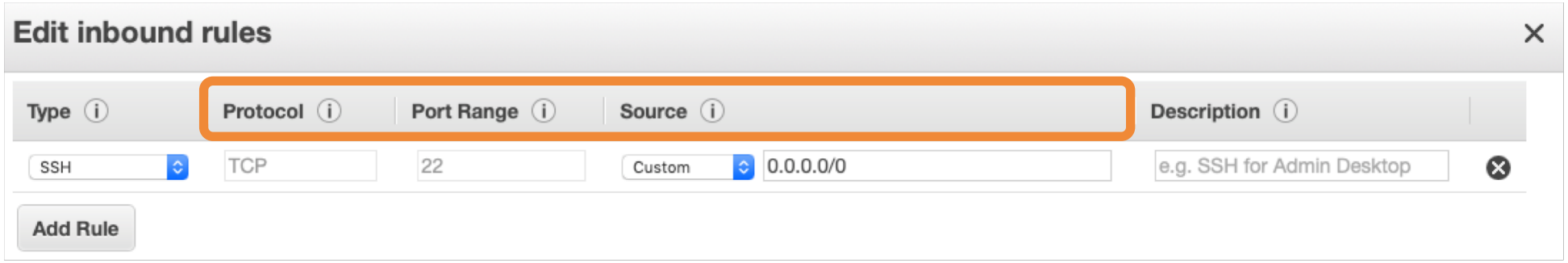
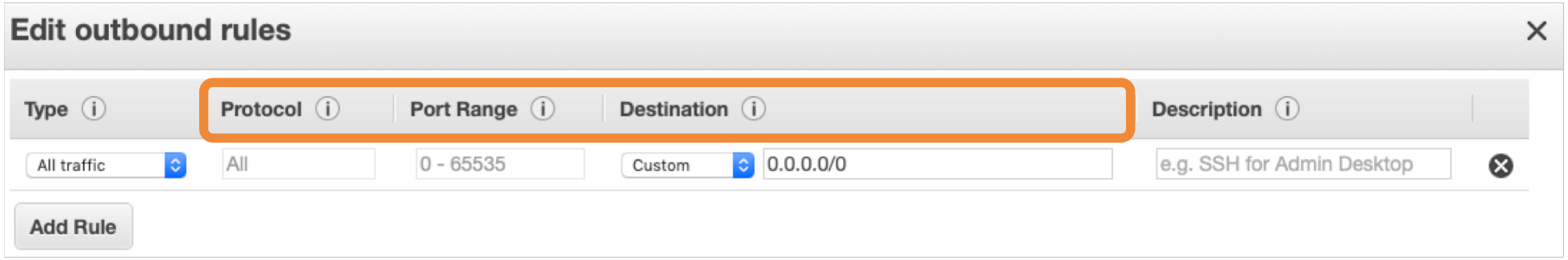
Security Groups (SG) Basics

Inbound Rules:



Outbound Rules:



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Thank you