

## **BGP Lab 1:**

- 1) Which Autonomous System numbers are the routers configured in?  
R1:  
R2:  
R3:  
R4:
- 2) What are the BGP router IDs?  
R1:  
R2:  
R3:  
R4:
- 3) Which devices have BGP relationships with each other?
- 4) What is the AS path for R4 to get to 3.3.3.3?
- 5) How was 3.3.3.3 added to BGP
- 6) Which routes is R4 advertising via BGP?

## Answers:

1) Which Autonomous System numbers are the routers configured in?

R1: 65001

R2: 65002

R3: 65003

R4: 65004

2) What are the BGP router IDs?

R1: 1.1.1.1

R2: 2.2.2.2

R3: 3.3.3.3

R4: 17.7.7.7

3) Which devices have BGP relationships with each other?

R1 - R2

R1 - R3

R1 - R4

4) What is the AS path for R4 to get to 3.3.3.3?

-> 65001 -> 65003

5) How was 3.3.3.3 added to BGP

-> Network -> IGP

6) Which routes is R4 advertising via BGP?

- 4.4.4.4/32

- 15.1.1.0/24

- 17.4.4.0/24

- 17.5.5.0/24

- 17.7.7.0/24