

Solutions to Assignment 4 Questions

1) Misc.

- a) 3: 10101101 11000010 00101001 10000001
- b) 4: 2^{96} times as large.
- c) 4.
- d) 4: 12, two for each router and 1 for each host.
- e) 2: 5, one for each router.

2) True or False?

- a) 2: False
- b) 1: True
- c) 1: True
- d) 2: False

3) Forwarding Table.

- a) 3.a.2.
- b) 4: 3
- c) 5: 4
- d) 1: 0

4) 2: 129.241.56.0/22 129.241.60.0/23 129.241.62.0/23