K214568\_Task\_2

A = 1, B=1, C=1, D=1

Marketing = 6

Sales = 8

HR = 2

IT = 8

Network = 191.10.2.0/24

**For sales,**

24 = 16

Subnet = 191.10.2.0/28

Network = 191.10.2.0

Broadcast = 191.10.2.15

Range = 191.10.2.1 - 191.10.2.14

Unused IPs = 6

**For IT,**

24 = 16

Subnet = 191.10.2.16/28

Network = 191.10.2.16

Broadcast = 191.10.2.31

Range = 191.10.2.17 – 191.10.2.30

Unused Ips = 6

**For Marketing,**

23 = 8

Subnet = 191.10.2.32/29

Network = 191.10.2.32

Broadcast = 191.10.2.39

Range = 191.10.2.33 – 191.10.2. 38

Unused Ips = 0

**For HR,**

22 = 4

Subnet = 191.10.2.40/30

Network = 191.10.2.40

Broadcast = 191.10.2.43

Range = 191.10.2.41 – 191.10.2.42

Unused Ips = 0