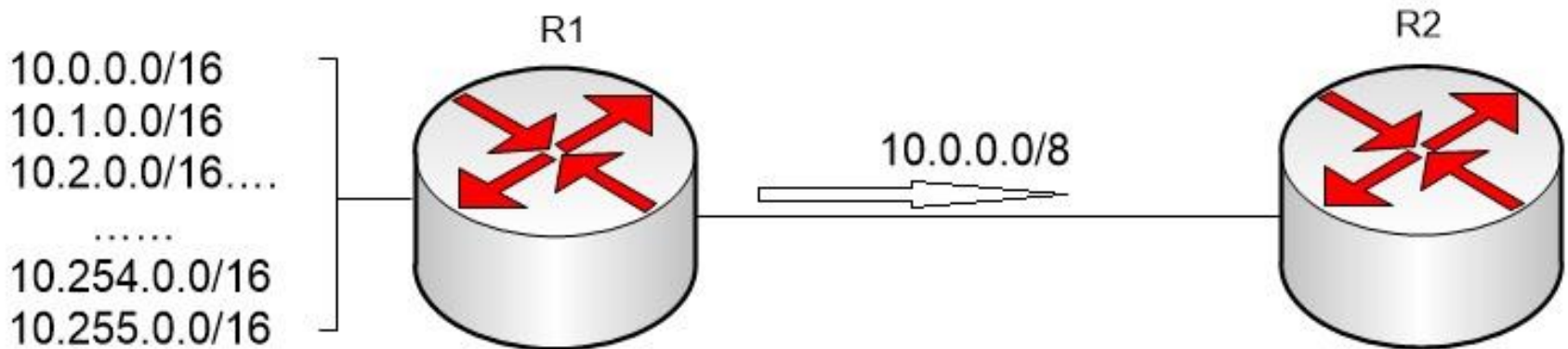


# Summarization

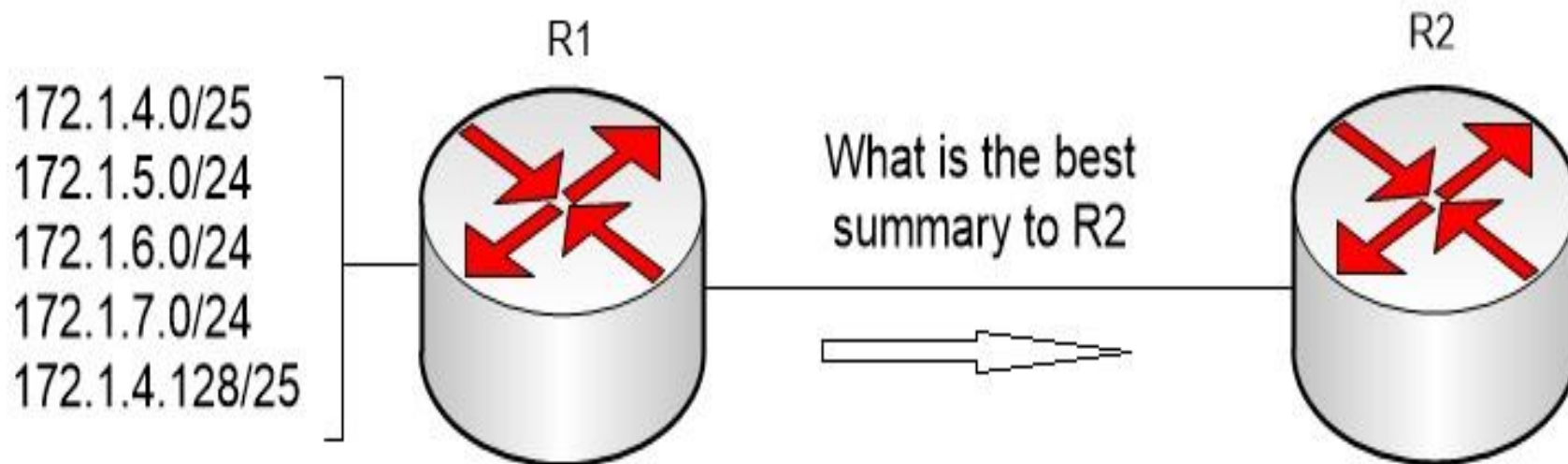
Summarization, also called route aggregation, allows routing protocols to advertise many networks as one address

## Summary address used in an internetwork



# Summarization

## Summarization example 2



# Summarization

5.1) 172.1.8.0/24 , 172.1.9.0/24 , 172.1.10.0/24 ,  
172.1.11.0/24

Summary Address = \_\_\_\_\_

5.2) 192.168.1.200/31 , 192.168.1.201/31 ,  
192.168.1.202/32 , 192.168.1.203/30

Summary Address = \_\_\_\_\_

5.3) 10.10.6.0/24 , 10.10.7.0/24 , 10.10.8.0/24 ,  
10.10.9.0/24

Summary Address = \_\_\_\_\_

# Summarization

5.4) Refer to the exhibit. What is the most appropriate summarization for Router R2 ?

- A) 10.0.0.0/21
- B) 10.0.0.0/22
- C) 10.0.0.0/23
- D) 10.0.0.0/24

