Which statement configures a standard access list?

A.   Router(config)#access-list 20 deny 172.16.0.0 0.255.255.255

B.    Router(config)#access-list 180 permit udp any 172.16.0.0 0.255.255.255 eq 161

C.    Router(config)#access-list 130 permit permit ip any any

D.   Router(config)#access-list 150 deny any 172.16.0.0 0.255.255.255

Step 1: Answer

1. Router(config)#access-list 20 deny 172.16.0.0 0.255.255.255

Step 2: Explanation

ACLs are a set of rules for regulating network traffic and minimising network threats. Using a set of rules specified for the network's incoming or outgoing traffic, ACLs are used to filter traffic. These Access-lists were created solely utilising the source IP address.

The range of the standard access-list is 1-99, and the expanded range is 1300-1999. Only the source IP address is used to implement the standard access-list. Remember rules cannot be deleted if numbered with a normal Access-list is used.