# Module-9 Ccna - Wan Technologies

**1. Host A and Host B sit in two different subnets. The path between the subnets of these two hosts runs through three different Layer 3 forwarding devices (routers and Layer 3 switches). A network engineer uses the APIC-EM Path Trace ACL Analysis tool to analyze the path used for Host A to send packets to Host B. Which part of the function is done specifically by the ACL Analysis or ACL Trace part of the tool?**

A. Discovery of the topology that exists between the two hosts
B. Analysis of the Layer 3 forwarding decisions in the path from Host A to B
C. Analysis of the Layer 2 forwarding decisions in the path from Host A to B
D. Analysis of the impact of ACLs on the packets that would flow from Host A to B

**2. Which IPv6 address is the equivalent of the IPv4 interface loopback address 127.0.0.1?**

A. ::1
B. ::
C. 2000::/3
D. 0::/10

**3. Which command is used to apply an ACL to an interface?**

A. access-group
B. ip access-group
C. ip access-list
D. ip access-class
E. access-class
F. access-list

**4. Which command and mode will successfully configure a hostname of R1 on a Cisco IOS router?**

A. Router(config)#name R1
B. Router# hostname R1
C. Router(config)#hostname R1
D. Router#name R1
E. Router>hostname R1
F. Router>name R1

**5. Which of the following reserved IPv4 addresses has binary 0s in all of the host bit positions?**

A. Local broadcast address
B. Loopback address
C. Directed broadcast address
D. Network address
E. All zeros address