

Module :9 Infrastructure services –

8- 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**

9- 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

10- 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

11- 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

12- 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