**Module 9**

**INFRASTRUCTURE** **SERVICE**

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 3 layer switches). A network engineer uses the APIC-EM path trace ACL analysis tool to analyze the path used for a 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 tool?

ANS: analysis of the impact of ACLs on the packets that would flow form Host A and B.

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

ANS: A.::1

1. Which command is used to apply an ACL to an interface?

ANS: ip access-group

1. Which command and mode will successfully configure a hostname of R1 on a cisco ISO router?

ANS: Router(config)#hostname R1

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

ANS: Network address