*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 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?*

*ANS. 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?*

*ANS. A. ::1*

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

*ANS. B. ip access-group*

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

*ANS . C. Router(config)#hostname R1*

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

*ANS. D. Network address*