Assignment: CCNA

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**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?**

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

**10- Which command is used to apply an ACL to an interface?**

B. ip access-group

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

C. Router(config)#hostname R1

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

D. Network address