ENCOR v1.1 (350-401) Video Training Series
Module 2 – Lesson 3 Quiz

Questions

1. What component of a LISP architecture identifies the IP address of a router responsible for forwarding traffic to devices within a LISP location?

   A. Endpoint ID (EID)
   B. Routing Locator (RLOC)
   C. Map Resolver (MR)
   D. Map Server (MS)

2. What is the term used to refer to a broadcast domain within a VXLAN network?

   A. VLAN
   B. VEM
   C. VNI
   D. VTEP

Questions and Answers

1. What component of a LISP architecture identifies the IP address of a router responsible for forwarding traffic to devices within a LISP location?

   A. Endpoint ID (EID)
   B. Routing Locator (RLOC)
   C. Map Resolver (MR)
   D. Map Server (MS)

Answer: B
Explanation: Location/ID Separation Protocol (LISP) uses two identifiers for a network endpoint. First, the Routing Locator (RLOC) is the IP address of a router that can forward traffic to devices within a LISP location. Second, the Endpoint ID (EID) identifies the endpoint within a LISP location. The way a source RLOC knows how to reach a specific endpoint at a remote location is by querying a Map Resolver (MR), which returns the destination RLOC for the requested EID. The MR learned the destination RLOC for the EID from a Map Server (MS), with which the destination RLOC registered the EID.

Video Reference: Location ID Separation Protocol (LISP)

2. What is the term used to refer to a broadcast domain within a VXLAN network?

   A. VLAN
   B. VEM
   C. VNI
   D. VTEP

Answer: C
Explanation: Virtual Extensible LANs (VXLANs) support over 16 million broadcast domains, thanks to a VXLAN's 24-bit identifier field, as opposed to using VLANs, which support just over 4000 broadcast domains (due to a 12-bit VLAN field). This identifier is called a VXLAN Network Identifier, which is abbreviated as VNI. The device that does the VXLAN encapsulation is called a Virtual Ethernet Module (VEM). Each VEM has (at least) one IP address, and that IP address is assigned to an interface called a VTEP, which stands for VXLAN Tunnel Endpoint. Each VTEP can be associated with one or more VNIs.

Video Reference: Virtual Extensible LAN (VXLAN)