

EE3315: Polling questions and answers for lectures on 15 Feb 2022

1. In SDN, the _____ plane is removed from individual networking devices and hosted separately.
 - a. Control *
 - b. Data
 - c. Physical
 - d. Application
 - e. Network
2. When making a forwarding decision requiring external input, an SDN switch consults with the _____.
 - a. Source host
 - b. Destination host
 - c. Controller *
 - d. Next hop device
 - e. DNS server
3. Which of the following is/are true for the network-control layer?
 - a. The network-control application layer represents the brain of SDN control plane. *
 - b. The network-control application layer provides up-to-date information about states for a network's hosts, links, switches, and other SDN-controlled devices.
 - c. The applications at this layer use the APIs provided by a SDN controller to specify and control the data plane in the network devices. *
 - d. A routing network-control application might determine the end-end paths between sources and destinations. *
4. The OpenFlow protocol supports the following messages, except _____ messages.
 - a. Asynchronous
 - b. Symmetric
 - c. Indirect *
 - d. Controller to switch

5. _____ is a method for dynamically analyzing, regulating, and predicting the behavior of data flowing in networks with the aim of performance optimization to meet service level agreements.

- a. PolicyCop
- b. Traffic engineering *
- c. Routing
- d. Event handling

6. Internet Control Message Protocol (ICMP) has been designed to compensate _____

- a. Error-reporting
- b. Error-correction
- c. Host and management queries
- d. All of the mentioned *

7. We can compare the task of network management to the task of writing a program. Both tasks have actions performed by statements. In network management this is handled by _____.

- a. SNMP *
- b. MIB
- c. SMI
- d. None of the above