ENCOR v1.1 (350-401) Video Training Series
Module 6 – Lesson 1 Quiz

Questions

1. Northbound Interfaces (NBIs) are what type of Application Programing Interfaces (APIs)?

   A. YANG
   B. OpenFlow
   C. REST
   D. JSON

2. Which of the following best describe the "Object" JSON data structure?

   A. An unordered set of name/value pairs enclosed in straight brackets
   B. An unordered set of name/value pairs enclosed in curly brackets
   C. An ordered set of name/value pairs enclosed in straight brackets
   D. An ordered set of name/value pairs enclosed in curly brackets

3. Which XML component gives more detail about an element and must appear in quotes?

   A. Attribute
   B. Comment
   C. Declaration
   D. Tag

4. Identify the YANG Data Modeling element that represents an attribute of something being modeled.

   A. Container
   B. List
   C. Leaf
   D. Type

Questions and Answers

1. Northbound Interfaces (NBIs) are what type of Application Programing Interfaces (APIs)?

    A. YANG
    B. OpenFlow
    C. REST
    D. JSON

Answer: C

Explanation: Northbound Interfaces are Representational State Transfer (REST) APIs, which use HTTP verbs to communicate with an SDN controller. YANG is a type of data modeling. OpenFlow is an example of a Southbound Interface (SBI), and JSON is a type of data formatting.

Video Reference: Overview of SDN

2. Which of the following best describe the "Object" JSON data structure?

    A. An unordered set of name/value pairs enclosed in straight brackets
    B. An unordered set of name/value pairs enclosed in curly brackets
    C. An ordered set of name/value pairs enclosed in straight brackets
    D. An ordered set of name/value pairs enclosed in curly brackets

Answer: B

Explanation: A JSON Object is an unordered set of name/value pairs enclosed in curly brackets. A JSON Array is an ordered set of comma-separated values enclosed in straight brackets.

Video Reference: JSON Formatting

3. Which XML component gives more detail about an element and must appear in quotes?

    A. Attribute
    B. Comment
    C. Declaration
    D. Tag

Answer: A

Explanation: An XML Attribute gives more detail about an element and must appear in quotes. A Comment provides documentation within a file. A Declaration is the optional first line in an XML document that contains version and encoding information. A Tag is a string of text inside the < and > signs.

Video Reference: XML Formatting

4. Identify the YANG Data Modeling element that represents an attribute of something being modeled.

   A. Container
   B. List
   C. Leaf
   D. Type

Answer: C

Explanation: A Leaf represents an attribute of something being modeled. A Container has Read-Write or Read-Only privileges and contains one or more lists, which represent something (e.g. a router interface) that's being modeled. A Type describes what kind of data (e.g. a string) that can be used to populate a leaf.

Video Reference: YANG Data Modeling