Free Questions for 300-535 by certsdeals

Shared by Reese on 12-12-2023

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Question 1

Question Type: MultipleChoice

Which NETCONF datastore is locked while the network device configuration is edited?

Options:

A- running

B- common

C- startup

D- working

Answer:

A

Question 2

Question Type: MultipleChoice

You create a simple service package skeleton in Cisco NSO using ncs-make-package --service-skeleton template vlan. Which two steps must be performed to complete the service? (Choose two.)

Options:

A- Create the VLAN service template in XML.

B- Modify the VLAN FastMap algorithm.

C- Start the VLAN Python VM.

D- Create the VLAN service model in YANG.

E- Compile the VLAN NED.

Answer:

D, E

Question 3

Question Type: **MultipleChoice**

Refer to the exhibit.

```
#!/usr/bin/env python

from ydk.models.openconfig.openconfig_interfaces import Interfaces
from ydk.errors import YError

def read_interfaces(crud_service, provider):

    intf_f = Interfaces()

    try:
        interfaces = crud_service.read(provider, intf_f)
        for interface in interfaces.interface:
            print(interface.name)
    except YError:
         print('An error occurred.')
```

When YDK is used to interact with Cisco routers, what is the purpose of passing intf_f into the crud_service.read() method?

Options:

A- The Interfaces() class acts as a NETCONF filter, which limits the data returned to that of the openconfig:interfaces YANG model.

B- It provides the data types of the openconfig:interfaces model to the router for dynamic configuration of the interfaces.

C- It locks the interfaces from modification by other active NETCONF sessions.

D- It passes default values into the crud_service, which reconfigures all interfaces to their default configurations.

Answer:

D

Question 4

Question Type: **MultipleChoice**

Refer to the exhibit.

```
module: Cisco-IOS-XR-telemetry-model-driven-cfg
  x--rw telemetry-model-driven
     +--rw sensor-groups
       +--rw sensor-group* [sensor-group-identifier]
         +--rw sensor-paths
         |     +--rw sensor-path* [telemetry-sensor-path]
         |      +--rw telemetry-sensor-path  string
         +--rw sensor-group-identifier  xr:Cisco-ios-xr-string
```

Which JSON output is a valid instantiation of the YANG model?

A)

```
("Cisco-IOS-XR-telemetry-model-drive-cfg:telemetry-model-driven": (
  "sensor-groups": (
   "sensor-group": [(
    "sensor-paths": (
      "sensor-path": [
       ("telemetry-sensor-path": "openconfig-interfaces:interfaces"),
       ("telemetry-sensor-path": "openconfig-platform:components"),
    ]
   ),
     "sensor-group-identifier": "Interface-Counters",
   )]
  )
))
```

B)

```
{
  "Cisco-IOS-XR-telemetry-model-drive-cfg:telemetry-model-driven": {
   "sensor-groups": {
    "sensor-group-identifier": "Interface-Counters",
    "sensor-paths": {
     {"telemetry-sensor-path": "openconfig-interfaces:interfaces"},
     {"telemetry-sensor-path": "openconfig-platform:components"},
     }
   }
  }
}
```

C)

```
{"Cisco-IOS-XR-telemetry-model-drive-cfg:telemetry-model-driven": {
  "sensor-groups": {
    "sensor-group":  [{
     "sensor-group-identifier": "Interface-Counters",
    "sensor-paths": {
     "sensor-path": [
      {"telemetry-sensor-path": "openconfig-interfaces:interfaces"},
      {"telemetry-sensor-path": "openconfig-platform:components"},
     ]
    }
  }]
 }
}}
```

D)

```
(
  "Cisco-IOS-XR-telemetry-model-drive-cfg:telemetry-model-driven": (
  "sensor-groups": (
   "sensor-group":  [(
     "sensor-group-identifier": "Interface-Counters",
     "sensor-paths": (
      "sensor-path": [
      ("telemetry-sensor-path": "openconfig-interfaces:interfaces"),
      ("telemetry-sensor-path": "openconfig-platform:components"),
      ]
     )
   )]
  )
 )
)
```

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

D

Question 5

Question Type: **FillInTheBlank**

Fill in the blank to complete the statement about NETCONF and Python libraries.

_____is a Python library that facilitates client-side scripting and deploying changes to the network using the NETCONF protocol.

Answer:

Explanation:

https://pypi.org/project/ncclient/

https://www.ic.unicamp.br/~edmundo/proceedings/html/fullPapers/88577_1.pdf

Question 6

Question Type: MultipleChoice

Which two operations must be used to allow a network engineer to use NETCONF to configure and manage networking devices? (Choose two.)

Options:

A- <get-config>

B- <open-session>

C- <close-session>

D- <remove-config>

E-

Answer:

A, C

Question 7

Question Type: MultipleChoice

What are two fundamental design constraints of a RESTful API? (Choose two.)

Options:

A- It includes a series of interactions to the API that are dependent on one another.

B- It is dependent on the communication protocol being HTTP.

C- It exposes procedures or functions for a client call.

D- Each interaction is independent from all others on the server side.

E- It is a client-server communication model where the client and the server are independent of one another.

Answer:

D, E

Question 8

Question Type: MultipleChoice

Refer to the exhibit.

```
module abc_service {
     namespace "http://com/abc/service";
     prefix abc_service;

     import  ietf-inet-types { prefix inet; }
     import  tailf-ncs { prefix ncs; }
     imports tailf-common { prefix tailf; }
     import  tailf-ned-cisco-ios { prefix ios; }

     augment "/ncs:services" {

          list abc_service {
               key "name";
               ncs:servicepoint "abc_service";

               leaf name {
                    mandatory true;
                    type string;
               }
               list link {
                  key "router_name";

                 leaf router_name {
                    mandatory true;
                    type leafref {
                     path "/ncs:devices/ncs:device/ncs:name";
                   }
                 }
               }
             }
           }
         }
```

Based on the YANG presented, what is the correct xpath to retrieve the router named "ios- device" under the "CustomerA" service name?

Options:

A- /ncs:abc_service/CustomerA/ios-device

B- /abc_service/CustomerA/"ios-device"

C- /ncs:service/abc_service/"CustomerA"/ios-device

D- /ncs:services/abc_service/CustomerA/ios-device

Answer:

D