Vendor: Cisco

Exam Code: 300-535

Exam Name: Automating and Programming Cisco Service Provider Solutions (SPAUTO)

Version: DEMO

QUESTION 1
Refer to the exhibit. What is the significance of "*" before the "father" leaf that is shown in the pyang tree output?

```
pyang –f tree family.yang

module: family
  augment /ncs:services:
    +---------rw family* [father]
       +-------x check-sync
       |  +---------w input
       |  |    +-------w outformat?                    outformat4
       |  |    +-------w (depth)?
       |  |    |   +----: (deep)
       |  |    |   |   +--------w deep?                 empty
       |  |    |   +------: (shallow)
```

A. It is a node list in a leaf type node.
B. The father leaf is a key in the family list type.
C. The leaf father is read-write in the family list.
D. The node father is read-only in the family list.

Answer: C

QUESTION 2
An engineer needs to configure network devices in an automated way. Which two ways are used to create structured data using YANG to provide REST-like APIs to enable programmability access? (Choose two.)

A. YAML
B. JSON
C. GPB
D. JSON-RPC
E. XML

Answer: BE

QUESTION 3
Which two data formats are human readable? (Choose two.)

A. YAML
B. Apache Arrow
C. gRPC
D. binary
E. JSON

Answer: AE

QUESTION 4
A user is debugging a problem with model-driven dial-in/out streams with gRPC for a Cisco IOS XR implementation. There is no streaming data and the path is not resolved when the show telemetry model-driven subscription command is issued on the router. What is the cause of the problem?

A. The emsd process is not running.
B. There are polling interval problems.
C. SNMP is not enabled.
D. There is no support for IOS XR 64-bit.

Answer: A

QUESTION 5
Refer to the exhibit. Based on the YANG presented, what is the correct xpath to retrieve the router named "ios-device" under the "CustomerA" service name?

```
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";
               }
             }
           }
         }
       }
     }
```

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

QUESTION 6
What are two fundamental design constraints of a RESTful API? (Choose two.)

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: DE

QUESTION 7
Which two operations must be used to allow a network engineer to use NETCONF to configure and manage networking devices? (Choose two.)

A. <get-config>
B. <open-session>
C. <close-session>
D. <remove-config>
E. <put>

Answer: AC

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