Vendor: Cisco

Exam Code: 300-500

Exam Name: Cisco Network Programmability Design and Implementation Specialist

Version: DEMO

QUESTION 1
Which statement is used to associate a submodule and a parent module in a YANG data model?

A. import
B. namespace
C. include
D. belongs-to

Answer: B

QUESTION 2
Which two network configuration protocols use XML as a data representation format? (Choose two.)

A. NETCONF
B. CORBA
C. TOSGA
D. SNMP
E. RESTCONF

Answer: BC

QUESTION 3
Visore uses which protocol to retrieve information from the Cisco ARIC?

A. REST API
B. OpFiex
C. gRPC
D. Visore API
E. MongoDB

Answer: C

QUESTION 4
Which communication mechanism does NETCONF use?

A. SOAP over HTTPS
B. YAML over SSH
C. YAML over HTTPS
D. RPC over SSH

Answer: D

QUESTION 5
Management protocols like NETCONF access network elements on well-known ports.
Which design practice hardens a network device implementation?

A. Specify the source interface for SSH .
B. Limit access to port 830, well-known clients, and SSH VTY.

C. Enable CoPP.
D. Configure ip http secure-server.

Answer: B

QUESTION 6
You are developing a YANG data model to represent the functionality of a new network application. Which two YANG statements do you use Ia organize the model into a hierarchy? (Choose two.)

A. module
B. grouping
C. submodule
D. augment
E. container

Answer: C

QUESTION 7
Refer to the exhibit. Which Linux command provides output that is similar to the output in the exhibit?

```
Active Internet connections (including servers)
Proto Recv-Q Send-Q  Local Address            Foreign Address           (state)
tcp4        0      0  10.1.1.2.61044           192.168.1.2.443           ESTABLISHED
tcp6        0      0  ::1.22                   ::1.60571                 ESTABLISHED
tcp4        0      0  127.0.0.1.8888           *.*                       LISTEN
tcp46       0      0  *.8081                   *.*                       LISTEN
tcp4        0      0  *.22                     *.*                       LISTEN
tcp6        0      0  *.22                     *.*                       LISTEN
```

A. cat /etc/hosts
B. tcpdump -a
C. ifconfig -av
D. netstat -an

Answer: A

QUESTION 8
Refer to the exhibit. Which two URI entries are optional and functional in the RESTCONF URI structure that is shown? (Choose two.)

```
<operation> /<api-entry>/<path>?<query>#<fragment>
```

A. path
B. query
C. operation
D. fragment
E. api-entry

Answer: A

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