



**Vendor:** Cisco

**Exam Code:** 300-550

**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: C**

#### 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: AE**

#### 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: A**

#### 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 to organize the model into a hierarchy? (Choose two.)

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

**Answer:** BE

**Explanation:**

<https://www.slideshare.net/Cloudenablers/getting-started-with-yang> (slide 6)

Organization - Leaf, leaf-list, **container**, lists, **grouping**, choice

#### QUESTION 7

Drag and Drop Question

Drag and drop the HTTP status code number on the left to the corresponding status code name on the right.

200	Bad Request
401	Unauthorized
204	OK
400	No Content
404	Not Found

**Answer:**

	400
	401
	200
	204
	404

**Explanation:**

According to IETF standards at <https://tools.ietf.org/html/rfc7231>

**200 ok**

201 created

**204 no content**

304 not modified

**400 bad request**

**401 unauthorized**

403 forbidden

**404 not found**

**QUESTION 8**

Which statement about an agentless configuration management system is true?

- A. It requires managed hosts to have an interpreter for a high-level language such as Python or Ruby.
- B. It uses existing protocols to interface with the managed host.
- C. It uses compiled languages as the basis of the domain-specific language to interface with managed hosts.
- D. It requires managed hosts to connect to a centralized host to receive updated configurations.
- E. It requires a software package to be installed on the managed host.

**Answer: B**

**QUESTION 9**

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: D**

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