



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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