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QUESTION 1

Which command tests a REST API?

- A. nc
- B. tcpdump
- C. curl
- D. telnet

Correct Answer: C

Test your REST api from the command line, you can use curl.

Reference: <https://developer.cisco.com/site/devnet/learn/coding-101-tutorial/index.gsp#apic-em-example:-get-hosts>

QUESTION 2

Which two northbound protocols are supported by the Cisco NSO Controller? (Choose two.)

- A. REST
- B. SOAP
- C. OpenFlow
- D. NETCONF
- E. PCEP

Correct Answer: AD

Reference:

<https://developer.cisco.com/site/nso/help/faq/>

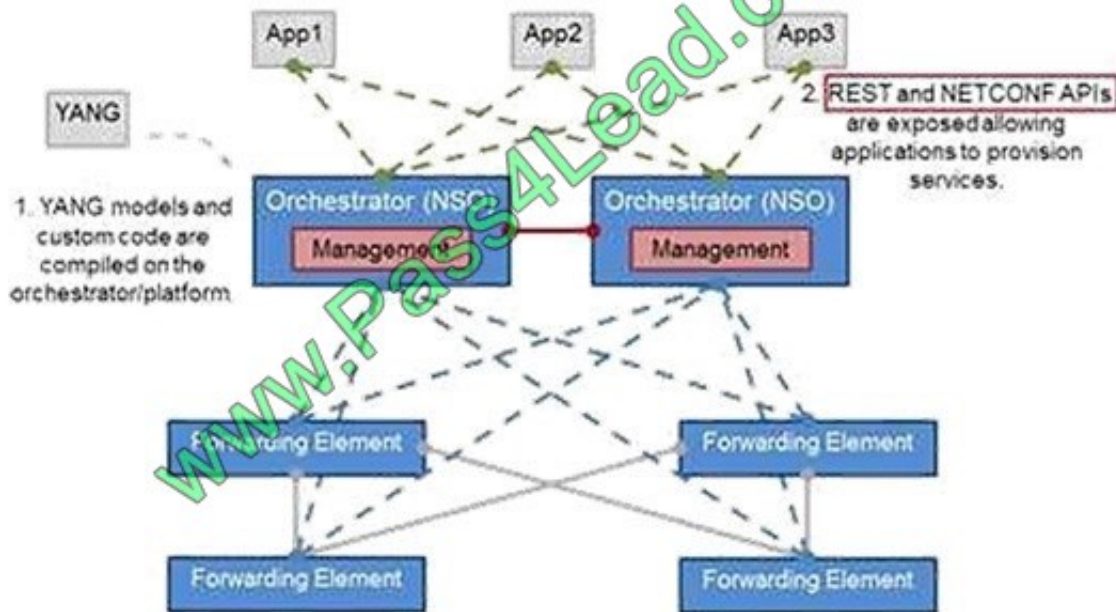
Referred to Cisco Learning Labs,

<https://learninglabs.cisco.com/lab/06-dmi-02-yang-data-modeling-overview/step/3>



Secure | <http://learninglabs.cisco.com/lab/f/1/1/2/2/yang-vdn-modeling-overview/step1>

YANG Modeled Services



QUESTION 3

What are two node types in a YANG data model? (Choose two.)

- A. grouping
- B. leaf
- C. container
- D. module
- E. instance

Correct Answer: BC

The nodes types (for data modeling) are: leaf node - contains a single value of a specific type container node - contains a grouping of related nodes containing only child nodes, which can be any of the four node types

Reference: http://www.cisco.com/c/en/us/td/docs/iosxr/ncs5000/DataModels/b-Datamodels-cg-ncs5000/b-Datamodels-cg-ncs5000_chapter_00.html

QUESTION 4



Which two protocols are examples of southbound APIs? (Choose two.)

- A. VXLAN-GPE
- B. LLDP
- C. NETCONF
- D. IPFIX
- E. SYSLOG
- F. OpFlex

Correct Answer: CF

Communication between the controller and network devices, ACI supports OpFlex and RESTful API for the southbound protocols.

Reference: <http://www.networkcomputing.com/networking/understanding-openflow-vxlan-and-ciscos-aci/551182896>

QUESTION 5

Drag and drop the technology on the left to its appropriate use case on the right.

Select and Place:

NETCONF	standards-based protocol that is used to distribute policies to programmable network elements
RESTCONF	used to distribute the traffic engineering database
OpenFlow	used to send RPCs to retrieve operational data via SSH
OpFlex	used to program the data plane of network devices
PCEP	uses HTTP verbs for getting and setting configuration data
BGP-LS	uses TLVs to pass messages between client and server

Correct Answer:



QUESTION 6

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

Correct Answer: C

The "include" statement is used to make content from a submodule available to that submodule's parent module, or to another submodule of that parent module.

Reference: <https://tools.ietf.org/html/rfc6020>

QUESTION 7

What uniquely identifies managed objects within the ACI Management Information Tree?

- A. domain name
- B. class name
- C. common name
- D. distinguished name

Correct Answer: D

Reference: <https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/aci-fabric-controller/white-paper-c11-729586.html>

**QUESTION 8**

How many Cisco APIs must fail, in order for a customer running an ACI fabric with a cluster of five APICs to experience data loss?

- A. 4
- B. 3
- C. 1
- D. 2
- E. 5

Correct Answer: B

Reference: <http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/unified-fabric/white-paper-c11-730021.html>

QUESTION 9

Which ACI object is used to divide two applications that use the same IP address?

- A. bridge domain
- B. EPG
- C. VRF
- D. tenant

Correct Answer: A

One or more bridge domains are associated with a context. All of the endpoints within the Layer 3 domain must have unique IP addresses because it is possible to forward packets directly between these devices if the policy allows it. A tenant can contain multiple contexts.

Reference: http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamentals/b_ACI-Fundamentals_chapter_010001.html

QUESTION 10

Which two queries are supported to access objects within the ACI Management Information Tree? (Choose two.)

- A. DN query
- B. fabric query
- C. RN query



D. class query

E. property query

Correct Answer: AD

Visore is a read-only management information tree (MIT) browser. It enables distinguished name (DN) and class queries with optional filters.

Reference: http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/aci-fundamentals/b_ACI-Fundamentals/b_ACI_Fundamentals_BigBook_chapter_01001.pdf

QUESTION 11

What is the main benefit of having an out-of-band management network for an infrastructure controller?

A. Data plane disruption is less likely.

B. It provides separation on the management and data planes.

C. Configuration of the controller is faster and simpler

D. It is less expensive.

Correct Answer: D

Out-of-band management is presented as a more efficient way to cut costs and improve service levels and productivity.

Reference: http://www.it-administrator.de/download/whitepapers/Avocent_OutofBandManagement_WP.pdf

QUESTION 12

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

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

A. path

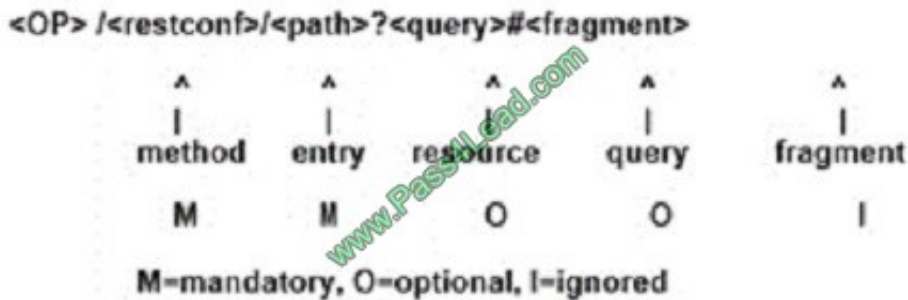
B. query

C. operation

D. fragment

E. api-entry

Correct Answer: AB



Accordingly, correct options should be path and query.

Reference: <https://tools.ietf.org/html/draft-ietf-netconf-restconf-13#section-5.1>

QUESTION 13

The network operator asks you to change the config setting on one specific host. All 300 hosts are managed with Puppet. Which action results in the requested change?

- A. This is an unsupported feature of Puppet, and Chef or Ansible must be used to make this change.
- B. Go to that host and make the config change. Puppet sees the local override and skips that part.
- C. Add an if statement to the Puppet manifest, and add specific config settings, in case Puppet is running on that host.
- D. Add a node-based variable lookup override in Hiera, so that if Puppet runs on that host, it takes the variable from Hiera.

Correct Answer: D

Reference: https://docs.puppet.com/puppet/4.9/hiera_use_function.html#merge-behaviors

QUESTION 14

Which two statements about the ASA REST API are true? (Choose two.)

- A. Its sandbox provides a place to try out API calls and read documentation.
- B. Its requests are accepted only over HTTP.
- C. It blocks access to other management protocols when in use.
- D. It is included in the base ASA software image.
- E. Its requests are accepted only over HTTPS.

Correct Answer: AE

Reference: <https://www.cisco.com/c/en/us/td/docs/security/asa/api/qsg-asa-api.html>



QUESTION 15

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

Select and Place:

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

Correct Answer:

	400
	401
	200
	204
	404

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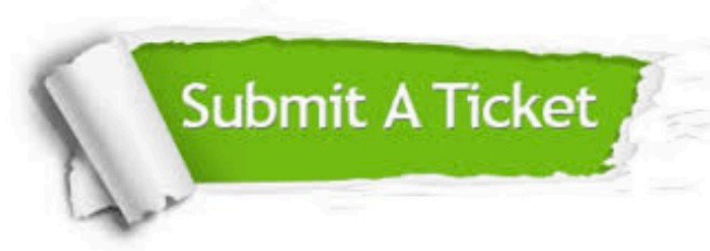
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