



300-550^{Q&As}

Designing and Implementing Cisco Network Programmability

Pass Cisco 300-550 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.geekcert.com/300-550.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





QUESTION 1

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 2

Which authentication method can be used to access the ACI APIC controller?

- A. REST API using HTTP and header-based authentication
- B. REST API using HTTPS and JSON-formatted username/password payload
- C. SOAP API using header-based authentication
- D. SOAP API using SSL and header-based authentication

Correct Answer: B

The APIC controller serves as an unified interface for the ACI fabric. The all interactions with the APIC leverage a RESTful API that, as depicted in Figure 6-5, can be accessed by tools provide by Cisco, such as the default GUI, or third party applications, for example, Cisco CloudCenter or Python scripts. The single RESTful interface provides uniformity of both the RESTful call and the provided data.

Reference:

http://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/kb/b_KB_Signature_Based_Transactions.html

QUESTION 3

Which two statements about the NX-API are true? (Chose two.)

- A. NX-API supports XML-RPC
- B. NX-API is enabled by default
- C. NX-API supports JSON-RPC
- D. The nxapi_auth cookie expires in 30 minutes.



E. NX-API maps to NX-OS NETCONF.

Correct Answer: AC

NX-API is an enhancement to the Cisco Nexus 9000 Series CLI system, which supports XML output. NX-API also supports JSON output format for specific commands.

Reference: http://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus7000/sw/programmability/guide/b_Cisco_Nexus_7000_Series_NX-OS_Programmability_Guide/b_Cisco_Nexus_7000_Series_NXOS_Programmability_Guide_chapter_0101.html

QUESTION 4

Which network configuration protocol uses JSON as a data representation format?

- A. NETCONF
- B. SOAP
- C. RESTCONF
- D. HTML

Correct Answer: C

JSON-RPC is an RPC protocol built on JSON, as a replacement for XML-RPC or SOAP. It is a simple protocol that defines only a handful of data types and commands. JSON-RPC lets a system send notifications (information to the server that does not require a response) and multiple calls to the server that can be answered out of order. Example of a JSON-RPC 2.0 request and response using positional parameters.

Reference: <https://tools.ietf.org/html/draft-ietf-netconf-restconf-13#section-1.1.1> 5.3.2 <https://tools.ietf.org/html/draft-box-http-soap-00> XML payload format in SOAP

QUESTION 5

Refer to the exhibit.



```
def mac_to_subnet (mac):
    for subnet in subnets:
        part = subnet[:9] [-1]
        if part in mac:
            return subnet

mac_addresses = ["1111:2222:3333", "4444:5555:6666", "7777:8888:9999"]
subnets = ["192.168.1.0/24",
            "192.168.2.0/24",
            "192.168.3.0/24",
            "192.168.4.0/24",
            "192.168.5.0/24",
            "192.168.6.0/24",
            "192.168.7.0/24",
            "192.168.8.0/24",
            "192.168.9.0/24"]

results = []
for i, mac_address in enumerate(mac_addresses):
    key = mac_address.split(':')[i] # 1111, 5555, 9999
    results.append(mac_to_subnet(key))

print(results)
```

What is the output from this Python3 script?

- A. ['192.168.1.0/24', '192.168.2.0/24', '192.168.3.0/24']
- B. ['192.168.1.0/24', '192.168.5.0/24', '192.168.9.0/24']
- C. ['192.168.4.0/24', '192.168.5.0/24', '192.168.6.0/24']
- D. ['192.168.1.0/24', '192.168.7.0/24', '192.168.9.0/24']

Correct Answer: B

[Latest 300-550 Dumps](#)

[300-550 PDF Dumps](#)

[300-550 Brindumps](#)



To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

Try our product !

- 100% Guaranteed Success
- 100% Money Back Guarantee
- 365 Days Free Update
- Instant Download After Purchase
- 24x7 Customer Support
- Average 99.9% Success Rate
- More than 800,000 Satisfied Customers Worldwide
- Multi-Platform capabilities - [Windows](#), [Mac](#), [Android](#), [iPhone](#), [iPod](#), [iPad](#), [Kindle](#)

We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications. You can view Vendor list of All Certification Exams offered:

<https://www.geekcert.com/allproducts>

Need Help

Please provide as much detail as possible so we can best assist you.
To update a previously submitted ticket:



 <p>One Year Free Update Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.</p>	 <p>Money Back Guarantee To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 <p>Security & Privacy We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.</p>
---	---	--

Any charges made through this site will appear as Global Simulators Limited.
All trademarks are the property of their respective owners.
Copyright © geekcert, All Rights Reserved.