Exam A

New Question
An authentication script fails to connect to an internal server exactly 1 out of 2 times it is executed.
This behavior is seen from different clients. Which networking device must be at fault?

A. Laptop on which the scripted is running
B. Router
C. Switch
D. Load balancer

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

New Question
Which two items are Cisco DevNet resources? (Choose two.)

A. TAC support
B. Bitbucket
C. Sandbox
D. Software research
E. API Documentation

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:
Explanation:
https://developer.cisco.com/

New Question
Which line is an example of the start of a chunk from a unified diff?

A. @@ -90,88 +20191008T1349@@
B. @@ -20191007T1200 +88,90 @@
C. @@ -20191007T1200 +20191008T1349@@
D. @@ -88,10 +88,6 @@

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:
https://unix.stackexchange.com/questions/252927/what-do-the-numbers-in-the-line-mean-in-output-of-diff

New Question
Which two encoding formats do YANG interfaces support? (Choose two.)

A. JSON
B. XML
C. XHTML
D. Plain text
E. BER

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Explanation:
https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/171/b_171_programmability_cg/model_driven_telemetry.html

New Question
In python, which expression checks whether the script returns a success status code when the Requests library is used?

A. response.status_code == requests.ok
B. respons.status_code == requests.codes.ok
C. response.code == requests.codes.ok
D. response.status_code ! == requests.codes.ok

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

New Question
What is the outcome of executing this command?

```
git clone ssh:/john@example.com/path/to/my-project.git
```

A. Creates a local copy of a repository called "my-project"
B. Creates a copy of a branch called "my-project"
C. Initiates a new Git repository called "my-project"
D. Creates a new branch called "my-project"

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
https://www.atlassian.com/git/tutorials/setting-up-a-repository/git-clone

New Question
Refer to the exhibit. What does the python function do?


```
def get_result()

    url = "https://sandboxdnac.cisco.com/dna/system/api/v1/auth/token"

    resp = requests.post(url, auth=HTTPBasicAuth(DNAC_USER, DNAC_PASSWORD))

    result = resp.json()['Token']

    return result
```

A. It returns DNAC user and password.
B. It returns HTTP Basic Authentication.
C. It returns an authorization token.
D. It reads a token from a local JSON file and posts the token to the DNAC URL.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:
https://community.cisco.com/t5/cisco-digital-network/how-can-i-make-this-script-to-run/td-p/3882782

New Question
Which two types of NAT are used in a network? (Choose two.)

A. Static NAT
B. Normal NAT
C. Multicast NAT
D. Dynamic NAT
E. Router NAT

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:
Explanation:
https://www.dummies.com/programming/networking/cisco/types-of-network-address-translation/

New Question
Refer to the exhibit. Which Python data structure does **my_json** contain?

```
json_string = """
{
        "researcher": {
            "name": "Ford Perfect",
            "species": "Betelgeusian",
            "relatives": [
                {
                    "name": "Zaphod Beeblebrox",
                    "species": "Betelgeusian"
                }
            ]
        }
}
"""

my_json = json.loads(json_string)
```

A. List
B. Json
C. Map
D. Dict

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:
https://stackoverflow.com/questions/34764979/loading-python-string-with-u-as-json?noredirect=1&lq=1

New Question
Refer to the exhibit. Which JSON is equivalent to the XML-encoded data?

```
<books>
  <science>
    <biology>10.00</biology>
    <geology>9.00</geology>
    <chemistry>8.00</chemistry>
  </science>
  <math>
    <calculus>20.00</calculus>
    <algebra>12.00</algebra>
  </math>
</books>
```

A.
```
[ {
    "books": {
      "science": {
        "biology": "10.00",
        "geology": "9.00",
        "chemistry": "8.00"
      },
      "math": {
        "calculus": "20.00",
        "algebra": "12.00"
      }
    }
} ]
```

B.
```
{
    "books": [
      "science": {
        "biology": "10.00",
        "geology": "9.00",
        "chemistry": "8.00"
      },
      "math": {
        "calculus": "20.00",
        "algebra": "12.00"
      }
    }
}
```

C.
```
{
    "books": [
        "science": {
            "biology": "10.00",
            "geology": "9.00",
            "chemistry": "8.00"
        },
        "math": {
            "calculus": "20.00",
            "algebra": "12.00"
        }
    ]
}
```

D.
```
{
    "books": [
        "science", {
            "biology": "10.00",
            "geology": "9.00",
            "chemistry": "8.00"
        },
        "math", {
            "calculus": "20.00",
            "algebra": "12.00"
        }
    ]
}
```

Correct Answer: C **Section:**
(none) Explanation

Explanation/Reference:
Explanation:
https://www.guru99.com/json-vs-xml-difference.html

New Question
Which Cisco DevNet resource allows access to products in a development lab to explore, learn, and build application that use Cisco APLs?

A. DevNet Communities
B. DevNet Code Exchange
C. DevNet Automation Exchange
D. DevNet Sandbox

Correct Answer: D **Section:**
(none) Explanation

Explanation/Reference:
Explanation:
https://developer.cisco.com/site/sandbox/

New Question
Which two statements are true about Cisco UCS Manager, Cisco UCS Director, or Cisco Intersight APIs? (Choose two.)

A. Cisco Intersight API interactions can be encoded in XML or JSON and require an APIs key in the HTTP header for authentication.
B. USC Director API interactions can be XML- or JSON-encoded and require an APLs key in the HTTP header for authentication.
C. UCS manager API interactions are XML-encoded and require a cookie in the method for authentication.
D. Cisco Intersight uses XML to encoded API interactions and requires an API key pair for authentication.
E. UCS manager uses JSON to encode API interactions and utilizes Base64-encoded credentials in the HTTP header for authentication.

Correct Answer: BC **Section:**
(none) Explanation

Explanation/Reference:
Explanation:
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-director/rest-api-getting-started-guide/6-5/cisco-ucs-director-REST-API-getting-started-65.html
https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/api/b_ucs_api_book.pdf

New Question
A developer is writing an application that uses a REST API and the application requires a valid response from the API. Which element of the response is used in the conditional check?

A. URL
B. Status code
C. Link
D. Body

E. Headers

Correct Answer: E **Section: (none)**
Explanation

Explanation/Reference:
Explanation:
https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/2-x/rest_cfg/2_1_x/b_Cisco_APIC_REST_API_Configuration_Guide/
b_Cisco_APIC_REST_API_Configuration_Guide_chapter_01.html