

Exam Questions 200-901

Developing Applications and Automating Workflows using Cisco Core Platforms (DEVASC)

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NEW QUESTION 1

Refer to the exhibit.

Which JSON is equivalent to the XML –encoded data?

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

NEW QUESTION 2

What are two advantages of version control software? (Choose two.)

- A. It supports tracking and comparison of changes in binary formate files.
- B. It allows old versions of packaged applications to be hosted on the Internet
- C. It provides wiki collaboration software for documentation.
- D. It supports comparisons between revisions of source code files.
- E. It allows new team members to access the current code and history.

Answer: DE

NEW QUESTION 3

Drag and drop the network automation interfaces from the left onto the transport protocols that they support on the right. (Not all Options are used)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Grpc == http/2 , netconfig == ssh , restconfig == https

NEW QUESTION 4

Which product provides network controller-level management features?

- A. Cisco DNA Center
- B. Cisco NX-OS
- C. Cisco UCS Manager
- D. Cisco ISE

Answer: A

NEW QUESTION 5

What are two benefit of managing network configuration via APIs? (Choose two.)

- A. configuration on devices becomes less complex
- B. more security due to locking out manual device configuration
- C. increased scalability and consistency of network changes
- D. eliminates the need of legacy management protocols like SNMP
- E. reduction in network changes performed manually

Answer: CE

NEW QUESTION 6

What is the outcome of executing this command?

```
git clone ssh://john@exmaple.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"

Answer: A

NEW QUESTION 7

Drag and drop the network automation interfaces from the left onto the transport protocols that they support on the right.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

gRPC = C, NETCONF = A, RESTCONF = B, D

NEW QUESTION 8

Refer to the exhibit.

What caused the error in this API request?

- A. The API resource does not support the POST operation
- B. The API resource does not support JSON format payloads.
- C. The submitted JSON payload includes a field that is not supported by the API resource.
- D. The submitted JSON payload has a formatting issue

Answer: D

NEW QUESTION 9

Which two NETCONF operations cover the RESTCONF GET operation? (Choose two.)

- A. <get>
- B. <edit>
- C. <get-update>
- D. <modify-config>

E. <get-config>

Answer: AE

NEW QUESTION 10

Refer to the exhibit.

Fill in the blank to complete the query parameter and value so that the result set is returned in reverse chronological order (most recent first) based on when message were entered.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

?sortBy=lastactivity

NEW QUESTION 10

Refer to the exhibit.

What is the effect of this Ansible playbook on an IOS router?

- A. A new running configuration is pushed to the IOS router.
- B. The current running configuration of the IOS router is backed up.
- C. The start-up configuration of the IOS router is copied to a local folder.
- D. A new start-up configuration is copied to the IOS router.

Answer: B

NEW QUESTION 11

Which CI/CD tool is an automation tool used to build, test, and deploy software?

- A. Nagios
- B. Gradle
- C. Jenkins
- D. Git

Answer: C

NEW QUESTION 16

Which type of HTTP method is used by the Meraki nad webex teams APIs to send webhook notifications?

- A. HTTP GET
- B. HTTP PUT
- C. HTTP HEAD
- D. HTTP POST

Answer: D

NEW QUESTION 17

An automation 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 mut be at fault?

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

Answer: D

NEW QUESTION 18

Which two statements are true about Cisco UCS manager, 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.

Answer: BC

NEW QUESTION 23

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

Answer: AD

NEW QUESTION 26

What should a CI/CD pipeline aim to achieve?

- A. to allow manual testing before deployment
- B. to require minimal manual interaction
- C. to support new deployments on a fixed monthly schedule
- D. to provide a documented process for feedback

Answer: A

NEW QUESTION 27

Drag and drop elements of the RESTCONF protocol stack from the left onto the correct description on the right. Not all elements on the left are used.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – B, 2 – E, 3 - F

NEW QUESTION 28

Refer to the exhibit.

An administrator attempts to perform a GET using the Cisco IOS XE RESTCONF API to return the hostname of a device. The sequence diagram illustrated the HTTP message observed. Which change to the API request resolves the issue?

- A. Add Content-Type HTTP header with 'application/yang-data+json' using –H 'Content-Type: application/yang-data+json'.
- B. Use -u cisco: cisco instead of -u 'cisco: cisco'.
- C. Change the request method from -X "GET" to- X' POST".
- D. Remove the -H 'Accept: application/yang-data+json' HTTP header because it is not required.

Answer: B

NEW QUESTION 30

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

Answer: D

NEW QUESTION 33

What is the purpose of a MAC address?

- A. To uniquely identify a router in a LAN
- B. To uniquely identify a network interface in a LAN
- C. To uniquely identify a device on the internet
- D. To uniquely identify a switch in a LAN

Answer: B

NEW QUESTION 37

Which device is a system that monitors and controls incoming and outgoing network traffic based on predetermined security rules?

- A. Switch
- B. Router
- C. Firewall
- D. Load balancer

Answer: C

NEW QUESTION 40

Refer to the exhibit.

What is the function of the python script?

- A. Count and print the total number of available devices.
- B. Iterate over a list of network devices and write all device names and management IP addresses to an output file.
- C. Iterate over a list of network devices and write all device type and associated management IP address.
- D. For each device that is returned, display the device and, for each device, print the device name and management IP address.
- E. Loop through the returned list of network devices and, for each device, print the device name management IP address.

Answer: E

NEW QUESTION 41

Which principle is a value from the manifesto for Agile software development?

- A. adhering to a plan over responding to requirements
- B. detailed documentation over working software
- C. processes and tools over teams and interactions
- D. customer collaboration over contract negotiation

Answer: D

NEW QUESTION 44

Drag and drop the element of the Finesse API on the left onto the description of its functionality on the right.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – D, 2 – F, 3 – A, 4 – E, 5 – B, 6 – G, 7 - C

NEW QUESTION 48

Fill in the blanks to complete the cURL command that invokes a RESTful API to retrieve a resource in JSON format using OAuth.

curl -X _____ -H " _____: application/json" \
-H " _____: Bearer AbCdEf123456" https://localhost/api/myresource

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

See the solution below.

NEW QUESTION 49

Drag and drop the descriptions from the left onto correct application deployment models on the right.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – B, 2 – E, 3 – C, 4 – D, 5 – A

NEW QUESTION 51

Which mechanism is used to consume a RESTful API design when large amounts of data are returned?

- A. Data sets
- B. Scrolling
- C. Blobs
- D. Pagination

Answer: D

NEW QUESTION 54

Which two descriptions can be given to an application that is interacting with a webhook? (Choose two.)

- A. Processor
- B. Codec
- C. Listener
- D. Receiver
- E. Transaction monitor

Answer: CD

NEW QUESTION 57

Refer to the exhibit.

Which two statements about the network diagram are true? (Choose two.)

- A. PC-A and PC-B are in the same subnet.
- B. One of the routers has two connected serial interfaces.
- C. The subnet of PC-C can contain 256 hosts.
- D. R1 and R3 are in the same subnet.
- E. The subnet address of PC-B has 18 bits dedicated to the network portion.

Answer: BC

NEW QUESTION 59

Refer to the exhibit.

The python interpreter and the Cisco python SDK are available by default in the Cisco NX-OS software. The SDK documentation shows how the cild() API can be used when working with working with JSON and XML. What are two effect of running the script? (Choose two.)

- A. configure interlace loopback 5
- B. issue shutdown on interface loopback 5
- C. show only the interfaces In the up status
- D. show only the interfaces in admin shut status
- E. show details for the TABLE interface

Answer: AC

NEW QUESTION 64

Which platform is run directly using a hypervisor?

- A. Virtual
- B. Bare metal systems
- C. Containers
- D. Applications

Answer: C

NEW QUESTION 65

Which detail is included in a routing table?

- A. IP protocol

- B. Broadcast address
- C. TCP or UDP port number
- D. Destination next hop or outgoing interface

Answer: D

NEW QUESTION 69

What is the benefit of edge computing?

- A. It reduces network latency by moving processing closer to the data source.
- B. It simplifies security as devices and processing are brought closer together
- C. It removes the need for centralized data processing.
- D. It reduces data velocity from devices or other data sources.

Answer: A

NEW QUESTION 70

What are two security benefits of a Docker-based application?

- A. easier to patch because Docker containers include only dependencies that the application requires
- B. prevents information leakage that can occur when unhandled exceptions are returned in HTTP responses
- C. allows for separation of application that traditionally run in the same host
- D. natively secures access to secrets that are used by the running application
- E. guarantees container images are secured and free of vulnerabilities

Answer: AC

NEW QUESTION 72

Which statement describes the benefit of using functions in programming?

- A. Functions allow problems to be split into simpler, smaller groups, and reduce code repetition, which makes the code easier to read.
- B. Functions ensure that a developer understands the inner logic contained before using them as part of a script or application.
- C. Functions create the implementation of secret and encrypted algorithms.
- D. Functions store mutable values within a script or application.

Answer: A

NEW QUESTION 77

Drag and drop the Docker file instructions from the onto correct descriptions on the right. Not all options are used.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – E, 2 – B, 3 – D, 4 – A

NEW QUESTION 82

Which two concepts describe test-driven development? (Choose two.)

- A. It enables code refactoring.
- B. Write a test before writing code.
- C. Implementation is driven by incremental testing of release candidates.
- D. User acceptance testers development the test requirements.
- E. Tests are created when code is ready for release.

Answer: BC

NEW QUESTION 85

Refer to the exhibit.

The definition of the YANG module and a RESTCONF query sent to a Cisco I/Oc XE device is shown. Which statement is correct if the RESTCONF interface responds with a 204 status code?

- A. The query failed at retrieving the logging severity level.
- B. The query failed to set the logging severity level due to an invalid path.
- C. The query retrieved the logging severity level.
- D. The query updated the logging severity level or created it if not present on the device.

Answer: D

NEW QUESTION 87

Refer to the exhibit.

Drag and drop the code from the left onto the item numbers on the right to complete to Meraki python script shown in the exhibit.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1 – D, 2 – A, 3 – H, 4 – F, 5 – G, 6 – E, 7 – C, 8 – B

NEW QUESTION 90

Refer to the exhibit.

The output of a unified diff when comparing two versions of a python script is shown. Which two “single_ request _ timeout ()”

- A. Option A

B. Option B
C. Option C
D. Option D

Answer: BC

NEW QUESTION 93

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