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Exam Questions 200-901

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

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NEW QUESTION 1
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 2
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

Answer: B

NEW QUESTION 3
Which REST architectural constraint indicates that no client context should be stored on the server between requests?

A. stateless
B. uniform interface
C. cacheable
D. client-server

Answer: A

NEW QUESTION 4
Refer to the exhibit.

Which two statement describe the configuration of the Ansible script is run? (Choose two.)

A. Traffic on port 0/2 and 0/3 is connected to port 0/6.
B. Traffic from ports 0/2 to 0/5 can flow on port 0/1 due to the trunk.
C. Traffic can flow between ports 0/2 to 0/5 due to the trunk on port 0/1.
D. GigabitEthernet0/2 and GigabitEthernet0/3 are access ports for VLAN 6.
E. GiabitEthernet0/1 is left unconfigured.

Answer: BD

NEW QUESTION 5
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 6
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 7
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 8
Which way should be used to safely the API keys?

A. In an environment variable unique to the system database
B. Encrypted in a configuration file that is separate from the code
C. Encrypted in the code in a function
D. Plain text in the code as a constant

Answer: B

NEW QUESTION 9
Refer to the exhibit.

What is the action of the Bash script that is shown?

A. The script waits until input is entere
B. If the directory exists, the script goes into it until there is no directory with the same name, then it creates a new directory.
C. The script goes into the directory called "$ndir" and makes a new directory called "$ndir"
D. The script waits unit input is entered, then it goes into the directory entered and creates a new directory with the same name.
E. For all directories in the current folde
F. The script goes into directory and makes a new directory.

Answer: A

NEW QUESTION 10
A developer is writing an application that a REST API and the application requires a valid 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

Answer: B

NEW QUESTION 10
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 15
Refer to the exhibit.

Which python data structure does my_josn contain?

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

Answer: D

NEW QUESTION 19
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 22
Which platform has an API that be used to obtain a list of vulnerable software on user devices?

A. Cisco Umbrella
B. Cisco Firepower
C. Cisco Identity Services Engine
D. Cisco Advanced Malware Protection

Answer: D

NEW QUESTION 24
When using the Bash shell, how it the output of the devnet command saved to a tile named "output.txt"?

A. devnet & output.txt
B. devnet > output.txt
C. devnet < output.txt
D. devnet I output.txt

Answer: B

NEW QUESTION 29
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 31
Which action resolves a 401 error in response to an HTTP GET that is issued to retrieve statement using RESTCONF on a CSR 1000V?

A. Change the HTTP method to PUT.
B. Change the transport protocol to HTTPS.
C. Check the MIMF types in the HTTP headers.
D. Check the authentication credentials.

Answer: D

NEW QUESTION 32

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 33
A function my_func() returns True when it executes normally. Which python snippet tests my_func()?

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

Answer: B

NEW QUESTION 34
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 @@

Answer: D

NEW QUESTION 35
Which PAI is used to obtain data voicemail ports?

A. Finesse gadgets
B. Cisco Unified Communications manager
C. Webex devices
D. Webex teams

Answer: B

NEW QUESTION 38
A developer is reviewing a code that was written by a colleague. It runs fine, but there are many lines of code to do a seemingly simple task repeatedly. Which action organizes the code?

A. Refactor the code by removing any unnecessary tests
B. Using functions, rewrite any pieces of code that are repeated
C. Reverse engineer and rewrite the code logic
D. Modify the code to use loops

Answer: B

NEW QUESTION 40
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 41
On which port does NETCONF operate by default?

A. 23
B. 443
C. 822
D. 830

Answer: D

NEW QUESTION 42
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 45
Drag and drop the HTTP methods from the left onto their generally accepted corresponding create, read, update, and delete operations on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
1 – D, 2 – B, 3 – C, 4 – E, 5 – A

NEW QUESTION 46
Refer to the exhibit.

Given the API documentation for the UCS SDK python class, UcsHandle, which code snippet creates a handle instance?

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

Answer: B

NEW QUESTION 50
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 anoutput 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 54
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 inter actions
D. customer collaboration over contract negotiation

Answer: D

NEW QUESTION 57
Drag and drop the element of the Finesse API on the left onto the description of its functionally 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 59
Which action does the Git command git merge allow the development to perform?

A. Combine multiple sequence of commits into one unified history.
B. Push changes to the remote repository
C. Switch between branches
D. Create, list, rename, and delete branches

Answer: A

NEW QUESTION 60
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 64
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 66
Which two encoding formats do YANG interfaces support?

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

Answer: AB

NEW QUESTION 68
Which platform is run directly using a hypervisor?

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

Answer: C

NEW QUESTION 73
Fill in the blanks to complete the Python script to update the Webex Teams membership of a room using the Python requests library import requests

A. Mastered
B. Not Mastered

Answer: A

Explanation:
request, headers , payload

NEW QUESTION 77
On which network plane is routing protocol traffic handled?

A. data plane
B. management plane
C. authentication plane
D. control plane

Answer: D

NEW QUESTION 79
Which two statements about JSON and XML are true? (Choose two.)

A. JSON objects arc collection of key value paire.
B. The syntax of JSON contains tags, elements, and attributes.
C. JSON arrays are an unordered set of key value pairs.
D. The syntax of XML contains tags, elements, and attributes.
E. XML objects are collections of key-value pairs.

Answer: AD

NEW QUESTION 81
What are two advantages of the Model-view-controller software design pattern? (Choose two.)

A. simplifies network automation
B. allows for multiple views of the same model
C. makes code easier to deploy using CI/CD pipelines
D. reduces need for error handling
E. separates responsibilities of the code, which makes future modifications easier

Answer: BE

NEW QUESTION 83
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 87
Which type of threat occur when an attacker can send hostile data to an interpreter within an application?

A. Cross-site scripting
B. Sensitive data exposure
C. Broken authentication
D. Injection

Answer: D

NEW QUESTION 88
Fill in the blanks to complete the statement.
Given a username of "devnet" And a password "Cisco123", applications must create a base64 encoding of the string"_____ " when sanding HTTP requests to an API that uses _____ authentication.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 91
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 95
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 100
Refer to the exhibit.

The definition of the YANG module and a RESTCONF query sent to a Cisco IOc 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 seventy level.
B. The query failed to set the logging seventy level due to an invalid path.
C. The query retrieved the logging seventy level.
D. The query updated the logging seventy level or created it if not present on the device.

Answer: D

NEW QUESTION 105
Package updates from a local server fail to download. However, the same updates work when a much slower external repository is used. Way are local updates failing?

A. The update utility is trying to use a proxy to access the internal resource.
B. The Internet connection is too slow.
C. The Internet is down at the moment, which causes the local server to not be able to respond.
D. The server is running out of disk space.

Answer: A

NEW QUESTION 109
Fill in the blanks to complete the python script to retrieve a list of network devices using the Cisco DNA center API.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 111
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