Exam Questions 200-901

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

https://www.2passeasy.com/dumps/200-901/

NEW QUESTION 1
Refer to the exhibit.

What does the python function do?

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.

Answer: C

NEW QUESTION 2
Refer to the exhibit.

A REST API retune this JSON output for a GET HTTP request, Which has assigned to a variable called "vegetables" Using python, which output is the result of this command?

A. Lettuce
B. Kiwi
C. ['kiwi', 'grape']
D. {'color': 'green', 'items': ['kiwi', 'grape']

Answer: B

NEW QUESTION 3

Fill in the blanks to complete the python script to request a service ticket using the APIC-EM rest API for the user "devnetuser".

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Solution as below

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
Which statement about authentication a RESTCONF API session with a router that runs Cisco IOS XE software is true?

A. OAuth must be used.
B. A token must be retrieved and the associated string must be embedded in the X-Auth-Token header.
C. Basic authentication must be used.
D. No authentication is required.

Answer: C

NEW QUESTION 6
Drag and drop the network component names from the left onto the correct descriptions on the right. Not all options are used.

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 7
Which two items are Cisco DevNet resources? (Choose two.)

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

Answer: CE

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
When a Cisco IOS XE networking device is configured using RESTCONF, what is the default data-encoding method?

A. XML
B. x-form-encoding
C. YANG
D. YAML

Answer: A

NEW QUESTION 10
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 11
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 14
Refer to the exhibit.

Drag and drop the code from the left code from the left onto the item number on the right to complete the Meraki code to obtain a list of client which have used this network.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
1 - d, 2 - f, 3 - b, 4 - h, 5 - i, 6 – j, 7 - g, 8 - a, 9 - c, 10 - e

NEW QUESTION 19
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 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 25
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 30
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
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 37
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 38
Which description of a default gateway if true?

A. It is a device that receives IP packets that have no explicit next-hop in the routing table.
B. It is a feature that translates between public and private addresses.
C. It is a security feature that denies certain traffic.
D. It is a device that receives Layer 2 frames with an unknown destination address.

Answer: A

NEW QUESTION 42
Refer to the exhibit.

Drag and drop the descriptors from the left onto the correct parts of the API request and response on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
A – E, B – D, C – B, D – C, E – A, F – F

NEW QUESTION 43
What is an example of a network interface hardware address?

A. domain name
B. IP address
C. workstation name
D. MAC addess

Answer: D

NEW QUESTION 45
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 resources.
D. The submitted JSON payload has a formatting issue.

Answer: D

NEW QUESTION 49
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 52
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 55
Which two statement describe the role of an artifact repository in a CI/CD pipeline? (Choose two.)

A. An artifact repository allows to compare and merge changes in the source code of files involved in a build process.
B. An artifact repository is needed only for CI/CD pipeline executed on a public cloud infrastructure.
C. An artifact repository provides traceability, search, and management of binary files.
D. An artifact repository is needed only for managing open source software.

E. An artifact repository stores files needed and generated during the build process.

Answer: CE

NEW QUESTION 59
On which port does NETCONF operate by default?

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

Answer: D

NEW QUESTION 62
What are two characteristics of Bare Metal environments that are related to application deployment? (Choose two.)

A. Provide the hypervisor to host virtual servers
B. Specifically designed for container-based workloads.
C. Provides workloads with access to hardware features
D. Suitable for legacy application that do not support virtualization
E. Not compatible with other cloud services such as PaaS or SaaS offerings.

Answer: CD

NEW QUESTION 66
Drag and drop the requests from the left into the correct order on the right to create and check the path trace between two devices using Cisco DNA center API.

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 67
Drag and drop the functionalities from the left onto correct networking devices on the right.

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 68
An application calls a REST API and expects a result set of more than 550 records, but each time the call is made, only 25 are returned. Which feature limits the amount of data that is returned by the API?

A. pagination

B. payload limit
C. rate limiting
D. service timeouts

Answer: A

NEW QUESTION 70
Refer to the exhibit.

An administrator attempts to perform a GET using the Cisco IOS XE RESTOCNF 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^/son' HTTP header because it is not required.

Answer: B

NEW QUESTION 72
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 77
In DNS, which record specifies an alias that refers to another name that ultimately resolves to an IP address?

A. AAA
B. SOA
C. NS
D. CNAME

Answer: D

NEW QUESTION 80
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 83
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 84
Which model-driven programmability protocol does Cisco IOS XE Software support?

A. CORBA
B. SSH
C. gNMI
D. SOAP

Answer: C

NEW QUESTION 87
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 88
Refer to the exhibit.

Drag and drop the variables from the left onto the item numbers on the right that match the missing assignments in the exhibit.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
1 – A, 2 – C, 3 – B

NEW QUESTION 93

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 94
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 95
Which two encoding formats do YANG interfaces support?

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

Answer: AB

NEW QUESTION 100
Which platform is run directly using a hypervisor?

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

Answer: C

NEW QUESTION 101
Drag and drop the HTTP status codes from the left onto the correct descriptions on the right.

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 106
What is the benefit of edge computing?

A. It reduces ne two« k latency by moving processing doser to the data source.
B. It simplifies security as devices and processing are brought doser 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 108
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 109
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 01 application.

Answer: A

NEW QUESTION 111
What is the Git command to delete a local branch named "experiment" without a warning?

A. git branch –n experiment
B. git branch –rm experiment
C. git branch –f experiment
D. git branch –D experiment

Answer: D

NEW QUESTION 114
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 116
What is the purpose of the Cisco VIRL software tool?

A. To verify configurations against compliance standards
B. To simulate and model networks
C. To automate API workflows
D. To test performance of an application

Answer: B

NEW QUESTION 118
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