

C9530-519.exam

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IBM

C9530-519

IBM API Connect V5.0.5 Solution Implementation exam

Version 1.0

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Exam B

QUESTION 1

Which two statements are true regarding a Plan in Developer Portal?

- A. Plans cannot have multiple rate limits set per operation.
- B. The burst limit feature is available only through Micro Gateway.
- C. A Plan is a collection of API operations or subsets of operations from one or more APIs.
- D. All Plans are available to use immediately and requires no access to the Developer Portal.
- E. A Plan can have a shared rate limit for all the operations or each operation can have a different rate limit.

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.devportal.doc/task_cmsportal_selectplan.html

QUESTION 2

Which is the best option in the API Manager to create a new OpenAPI from a WSDL?



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- A. Import an existing OpenAPI
- B. New OpenAPI from scratch
- C. New OpenAPI from Swagger
- D. New OpenAPI from SOAP service

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.toolkit.doc/create_api_wsd.html

QUESTION 3

OAuth 2.0 provider APIs can support multiple OAuth flows, each of which corresponds to an OAuth grant type.

What are two valid OAuth flows and the corresponding OAuth grant types? (Select two.)

- A. username, password
- B. Client ID, Client secret
- C. authorization url, auth token
- D. Application, Client Credentials
- E. Access Code, Authorization Code

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.toolkit.doc/tapim_sec_api_config_scheme_oauth_endpoint.html

QUESTION 4

When are the default API manager dashboards and visualizations added to the catalog?

- A. When an API is published
- B. When a Catalog is created
- C. Once a Catalog is published to Developer Portal
- D. Once the Developer Portal is enabled in the Catalog settings

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.apionprem.doc/capim_analytics_analyticssyndication.html

QUESTION 5

Once a user-defined policy is created and implemented, how will it be made available for use?

- A. By catalog
- B. By provider organization
- C. Available universally by all APIs

D. Must be imported into assemble for each API usage

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.policy.doc/capim_using_custpolicies.html

QUESTION 6

When using IBM API Connect built-in policies in Bluemix, what should users be aware of?

- A. Only Micro Gateway policies apply
- B. Only DataPower Gateway policies apply
- C. Only those policies that generate security tokens apply
- D. Only those policies that do not generate security tokens apply

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.toolkit.doc/rapim_ref_ootb_policies.html

QUESTION 7

What can be used to validate a product file definition?



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- A. OpenAPI
- B. API Manager
- C. Developer toolkit
- D. Product definition template

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.toolkit.doc/task_apim_cli_product_yaml.html

QUESTION 8

What is one of the requirements to create an additional IBM API Connect Management server for high availability?

- A. Clone the deployed IBM API Management server to another host.
- B. Backup and restore the deployment server API config files to another host.
- C. Deploy the IBM API Connect Management server image to another host.
- D. Use the Cloud Management Console to replay the log files to another host.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

An administrator wants to allow the developers to log into the Developer Portal with Google credentials. The first step is to enable a Portal Delegated User Registry in the API Manager UI.

After that, what must be done to enable this functionality?

- A. Integrate with Google Authenticator with required code.
- B. Get the Client ID and Client secret for OpenID Connect.
- C. Download Google authorization module for IBM API Connect.
- D. Set Authorized JavaScript Origins and Authorized Redirect URIs.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

Which two projects would best suit the capabilities of IBM API Connect? (Select two.)

- A. High speed media transfer
- B. Building a responsive web app
- C. Master Data Management across sites
- D. Expanding mobile/web application channels
- E. Exposing SOAP services outside the organization

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

When troubleshooting an error that occurred in the web browser while using the Developer Portal, which log is a source of help?

- A. syslog
- B. webhook.log
- C. run_site_cron.log
- D. run_site_queue.log

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.devportal.doc/rapim_portal_troubleshoot.html

QUESTION 12

The Management server stores the Product and API configuration information, and logically the Developer Portal is a view onto this data.

What is the push mechanism that ensures published Products become visible within a few seconds?

- A. Webhooks
- B. Loopbacks
- C. Background sync
- D. Asynchronous calls

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.apionprem.doc/publishing_a_product.html

QUESTION 13

By default, what type of traffic can take advantage of the self-balancing capabilities of the IBM DataPower appliance?

- A. Developer Portal
- B. Inbound API calls
- C. API Developer tasks
- D. Cloud Management Console

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

What can the organization administrator use to invite app developers to join their developer organization?

- A. API Developer Toolkit
- B. Self-service onboarding

- C. Cloud Management Console
- D. Developer Portal REST API

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

Which if the following would be a valid use case for a government department to explore using IBM API Connect?

- A. Encrypting document uploads
- B. Digitizing consumer channels
- C. Improving web page accessibility
- D. Enabling topic publishing/subscription for consumers

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

In what format should a user-defined policy package from IBM DataPower Gateway be?

- A. .xsl
- B. .zip
- C. .doc
- D. .json

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference <https://developer.ibm.com/recipes/tutorials/api-connect-userdefined-policy-sample/>

QUESTION 17

OpenID Connect can be enabled for authentication in the Developer Portal by what User Registry property in the catalog?

- A. IBM ID
- B. Authentication URL
- C. New SCIM User Registry
- D. Portal Delegated User Registry

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.devportal.doc/capic_portal_pdur.html

QUESTION 18

GatewayScript supports which types of error handling?

- A. User and system
- B. Runtime and bind
- C. Client mode and binding mode
- D. Synchronous and asynchronous

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SS9H2Y_7.5.0/com.ibm.dp.doc/errorhandling_js.html

QUESTION 19

Which feature within the API Designer would allow a developer to define some sample data to test APIs with?

- A. Body
- B. Healer
- C. Generate
- D. Show schema

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

What is the purpose of the ACL model in LoopBack?

- A. Connects principals to protected resources
- B. Performs token-based authentication and access control
- C. Contains metadata for a client application that has its own identity
- D. Registers and authenticates users of an application locally or against third-party services

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference <https://loopback.io/doc/en/lb3/Using-built-in-models.html#acl-model>

QUESTION 21

Which interactive analytics graph would show a developer a summary of the number of successful calls to APIs used by an application through Developer Portal?



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- A. Latency graph
- B. Data usage graph
- C. Data points graph
- D. Success rate graph

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.devportal.doc/tapim_portal_analytics.html

QUESTION 22

What is the option to test API endpoints with API Designer?

- A. Explore
- B. Express
- C. Connector
- D. Test branch

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.toolkit.doc/task_toolkit_testing.html (see note)

QUESTION 23

What format do the TLS certificates and keys have to be in to be used for the Developer Portal?

- A. .der
- B. .key
- C. .cert
- D. .pem

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.install.doc/tapim_portal_installing_VA.html

QUESTION 24

When can a developer use X-Override-Host header with the Developer Portal API call?

- A. Using the HTTP protocol
- B. Unable to be authenticated

- C. DNS record cannot be set up
- D. Should not be used as it has been deprecated

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.apirest.doc/api_calls.html

QUESTION 25

Which statement describes the relationship between a provider organization and a catalog?

- A. A provider organization can have many catalogs.
- B. A provider organization can have only one catalog.
- C. A catalog exists independently of a provider organization.
- D. A catalog is created for every individual user of a provider organization.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

An administrator wants to use a rate limit to provide differing levels of service to customers.

At which level can the rate limit be applied?

- A. API
- B. Plan
- C. Catalog
- D. Product

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference catalog exists independently of a provider organization

QUESTION 27

If a provider organization user needs to be able to edit draft Products and APIs, which role would need to be assigned to the developer to allow those actions to be performed?

- A. API Owner
- B. Product Manager
- C. API Administrator
- D. API Development Owner

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.overview.doc/overview_apimgmt_users.html

QUESTION 28

To enable a Developer Portal to use social login, for example log in with a Facebook credentials, which step needs to be done first?

- A. A Set "Portal Delegated User Registry" in the Catalog settings.
- B. Enable "Hybrid Auth" in Developer Portal administrator settings.
- C. Configure Facebook authentication in the Cloud Management Console.
- D. Register the Facebook developer key in the Developer Portal auth settings.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.devportal.doc/topic_portal_social_login.html

QUESTION 29

Which feature in the Developer Portal helps to test the behavior of an API without the need to write any code?

- A. Assemble
- B. Try This Operation
- C. Request Operation
- D. Discover This Operation

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.devportal.doc/cmsportal_testtool.html

QUESTION 30

Which object is used to add extensions that are specific to IBM API Connect in an OpenAPI definition file?

- A. x-ibm-extensions
- B. x-ibm-apiconnect
- C. x-ibm-configuration
- D. x-ibm-apimanagement

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.toolkit.doc/rapim_cli_swagger_extensions.html

QUESTION 31

What happens when the Product Manager deprecates a Product?

- A. The Product can only be viewed with manager approval.
- B. The Product can no longer be viewed nor can its plans be subscribed to.

- C. The Product migrates its plans and APIs to a different versions of the Product.
- D. The Product is usable only by developers whose applications are currently subscribed to.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.apionprem.doc/task_deprecate_product.html

QUESTION 32

How can the Developer Portal functionality be extended?

- A. Add custom policies.
- B. It cannot be extended.
- C. Create and install custom modules.
- D. Create and install custom extensions.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.devportal.doc/capic_portal_extending_portal.html

QUESTION 33

Which of the following would be a valid use case for a bank to explore using IBM API Connect?

- A. Integrating with payment aggregators
- B. Providing digital statements to customers
- C. Improving fraud detection response times
- D. Securing file transfers between data centers

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

Which of the following is a valid reason for creating a Catalog?

- A. To provide a backup of another Catalog
- B. To store API documentation and metadata
- C. To publish specific API products to a specific Developer Portal
- D. To allow API developers to collaborate on APIs during development

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.apionprem.doc/conref_working_with_env.html

QUESTION 35

Which component of IBM API Connect holds the configuration information for both the API configuration and local user credentials?

- A. Gateway server
- B. Developer Portal
- C. Management server
- D. Cloud Management Console

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.overview.doc/overview_restorecli_apimgmt.html

QUESTION 36

Which two options allow the creation and modification of APIs in IBM API Connect? (Select two.)

- A. API Manager
- B. API Designer
- C. GatewayScript
- D. Developer Portal

E. Cloud Management Console

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

What is the primary purpose of the Developer Portal in IBM API Connect?

- A. Secure point of entry for API Developer
- B. Revenue generator from data and APIs with plans
- C. Community for Application Developers to socialize applications
- D. User interface for the API Provider to publish business API assets

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference [https://www.google.com/url?](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&cad=rja&uact=8&ved=0ahUKEwjrx6Oy4f_VAhXGLI8KHaebAOQQFggsMAE&url=http%3A%2F%2Fwww.redbooks.ibm.com%2Fredpapers%2Fpdfs%2Fredp5350.pdf&usg=AFQjCNG7wMhS_kYiZz4Tgn2q-PG8ziA4Aw)

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QUESTION 38

Custom dashboards allow a set of related visualizations to be grouped together in API Manager.

What can be done as part of the customization?

- A. Add previously saved APIs.
- B. View previously saved APIs.
- C. Add previously saved visualizations.
- D. View previously saved visualizations.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.apionprem.doc/tapim_analytics_creatingcustomdashboards.html

QUESTION 39

Without the use of a Secure Gateway or VPN, how would a SOAP API with Bluemix be exposed?

- A. SSL
- B. Intranet
- C. Internet
- D. Firewall

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference <https://www.ibm.com/blogs/bluemix/2017/03/secure-gateway-everything-ever-wanted-know/>

QUESTION 40

In a developer organization, what is the purpose of creating a community?

- A. A community must be created to use the Developer Portal
- B. To provide a collaboration point for provider organization users
- C. To allow Products to be restricted to one or more communities
- D. A community must be created to host Microservices applications

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.apionprem.doc/apionprem_manage_consumerorgs.html

QUESTION 41

An IBM API Connect, organizations of users can create and consume APIs.

Where are the two organizations present in an API Connect solution? (Select two.)

- A. API
- B. Portal
- C. Catalog
- D. Provider
- E. Developer

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42

An administrator wants to update the firmware on the Management server using an image from a network source using the command: system update firmware from <source>.

Which two protocols are a valid source? (Select two.)

- A. UDP
- B. TCP
- C. FTP
- D. MQTT
- E. HTTP

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

Reference https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.install.doc/apply_main_mgmt.html



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