

**C9530-519.exam.38q**

Number: C9530-519  
Passing Score: 800  
Time Limit: 120 min



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**C9530-519**

**IBM API Connect V5.0.5 Solution Implementation exam**

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## Exam A

### QUESTION 1

What happens to the original Product when it is superseded?



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- A. Revised
- B. Archived
- C. Replaced
- D. Deprecated

**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/task\\_superseding\\_a\\_product.html](https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.apionprem.doc/task_superseding_a_product.html)

### QUESTION 2

What will happen to changes a customer makes directly on an APIM domain on an IBM DataPower Gateway server when the customer upgrades the API Management server?

- A. The DataPower Gateway server will need to be removed and re-added for changes to be unaffected.
- B. Upgrading the Management server has no direct effect on an APIM domain on DataPower Gateway servers.
- C. The DataPower Gateway server will save the configuration and auto recover once the API Connect server has been upgraded.
- D. Changes the customer makes on the DataPower Gateway server under the APIM domain will be overwritten and will need to be re-configured.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

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**QUESTION 3**

What does an application developer need to do to use an API?

- A. Subscribe to a Plan.
- B. Subscribe to a Product.
- C. Write an AngularJS application.
- D. Register in the Developer Portal.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 4**

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

**QUESTION 5**

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

- 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](https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.toolkit.doc/create_api_wsd.html)

#### **QUESTION 6**

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

#### **QUESTION 7**

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

#### QUESTION 8

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



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- 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](https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.policy.doc/capim_using_custpolicies.html)

#### QUESTION 9

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

#### QUESTION 10

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

#### **QUESTION 11**

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 12**

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 13**

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

**QUESTION 14**

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

**QUESTION 15**

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 16**

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 17**

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



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

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- 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](https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.apirest.doc/api_calls.html)

#### **QUESTION 18**

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 19**

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 20**

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

**QUESTION 21**

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

**QUESTION 22**

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

### QUESTION 23

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

### QUESTION 24

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

**QUESTION 25**

An administrator wants to log in to the Command Line Interface on the Management server. The Management server is using the default configuration.

Which protocol should the administrator use to connect?

- A. FTP
- B. SSH
- C. RDP
- D. Telnet

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference [https://www.ibm.com/support/knowledgecenter/en/SSWHYP\\_4.0.0/com.ibm.apimgmt.overview.doc/overview\\_installing\\_mgmtvm\\_apimgmt.html](https://www.ibm.com/support/knowledgecenter/en/SSWHYP_4.0.0/com.ibm.apimgmt.overview.doc/overview_installing_mgmtvm_apimgmt.html)

**QUESTION 26**

The apic create -type api command can create APIs from which two of the following sources? (Select two.)

- A. UDDI
- B. WSDL
- C. AMQP
- D. Template
- E. Datasource

**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference [https://www.ibm.com/support/knowledgecenter/en/SSMNED\\_5.0.0/com.ibm.apic.toolkit.doc/capim-toolkit-cli-create-apis.html](https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.toolkit.doc/capim-toolkit-cli-create-apis.html)

**QUESTION 27**

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

#### **QUESTION 28**

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 29**

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

**QUESTION 30**

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

**QUESTION 31**

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



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- 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](https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.apionprem.doc/apionprem_manage_consumerorgs.html)

**QUESTION 32**

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

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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 33

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

### QUESTION 34

What is the relationship between Products, Plans, and APIs in IBM API Connect?

- A. Plans, APIs, and Products are grouped together.

- B. Plans and Products are grouped together in APIs.
- C. Plans and APIs are grouped together in Products.
- D. Products and APIs are grouped together in Plans.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference [https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.toolkit.doc/capim\\_products.html](https://www.ibm.com/support/knowledgecenter/en/SSFS6T/com.ibm.apic.toolkit.doc/capim_products.html)

### QUESTION 35

What should be checked to debug the error “Access denied” when updating a cluster in Developer Portal?

- A. If all the nodes are synchronized
- B. If the SMTP configuration is in Cloud manager
- C. If passwords are matching in existing and new Nodes
- D. If the site.id is valid using the list\_sites -p command

**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/rapim\\_portal\\_troubleshoot.html](https://www.ibm.com/support/knowledgecenter/en/SSMNED_5.0.0/com.ibm.apic.devportal.doc/rapim_portal_troubleshoot.html)

### QUESTION 36

In what tool would a developer use apic create --type [api | product ] --template template\_file --title product\_title options to create an API definition from a template?

- A. API Manager
- B. API Designer
- C. Command Line Interface
- D. API Designer and Command Line Interface

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**



**QUESTION 37**

What is used to create an API Gateway extension in IBM DataPower Gateway?

- A. Extension rule
- B. Transform rule
- C. Processing rule
- D. Transaction rule

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 38**

The built-in Developer Portal comes with support for the App Developer experience for which of the following?

- A. Products, Plans, Organizations, Testing
- B. Products, Apps, Views, Testing, Feedback
- C. API Products, Apps, Forums, Blogs, Support
- D. Self- Registration, API Discovery, Automatic Testing, App Registration

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**



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