

# C1000-012<sup>Q&As</sup>

IBM Watson Application Developer V3.1

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#### QUESTION 1

What connectivity protocols are supported by IBM Watson services?

- A. REST style using either XML/HTTP and JSON/HTTP
- B. JSON/HTTP or JSON/RTP
- C. REST style using JSON/HTTP only
- D. SOAP/HTTP and JSON/HTTP

Correct Answer: A

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#### QUESTION 2

Which characteristics makes an API RESTful?

- A. It uses standard HTTP methods (e.g., GET, PUT, POST, or DELETE).
- B. It uses non-standard HTTP methods.
- C. It only works with Javascript.
- D. It defines a number of custom media types fore resources and is discoverable based on multiple known end-points.

Correct Answer: D

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#### QUESTION 3

Which IBM Watson service will allow consumers to find relevant news articles?

- A. Personality Insights
- B. Tradeoff Analytics
- C. Natural Language Understanding
- D. Discovery

Correct Answer: D

Reference: <https://www.ibm.com/blogs/watson/2017/07/how-enriched-and-faster-news-discovery-fuelsbusiness-development-and-growth/>

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#### QUESTION 4

Which IBM Watson image service allows training based on custom images?

- A. Visual Recognition
- B. Face Recognition
- C. Similarity Recognition
- D. Image Recognition

Correct Answer: D

Reference: <https://www.ibm.com/blogs/bluemix/2016/08/watson-visual-recognition-and-drones/>

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#### QUESTION 5

What is the main criteria for separating training and test data when training a machine learning system?

- A. Test data should be as random as possible, so that it tests the boundaries of the system.
- B. Training data should be random, but the test data should be created by a subject matter expert.
- C. Training data should be as random as possible, in order to create a robust model.
- D. The data set should be representative and randomly split in to a training set and a test set so that they do not overlap.

Correct Answer: C

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#### QUESTION 6

In the sentence below, which word or phrase is an example of a generic mention class?

"Severs storms in this area usually occurs in late winter, but Tropical Storm Helga was an abnormally"

- A. Tropical Storm Helga
- B. late winter
- C. Helga
- D. storms

Correct Answer: D

Reference: <https://console.bluemix.net/docs/services/watson-knowledge-studio/typesystem.html#typesystem>

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#### QUESTION 7

Which two IBM Watson services combined would be applicable for an agent-assisted, email-based help desk?

- A. Watson Assistant

- B. Personality Insights
- C. Visual Recognition
- D. Speech to Text
- E. Discovery

Correct Answer: AE

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#### **QUESTION 8**

What combination of these Watson AI capabilities are applicable for an email-based, help desk?

- A. structured data analytics
- B. image classification
- C. keyword extraction
- D. speech recognition
- E. text classification
- F. entity extraction

Correct Answer: CE

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#### **QUESTION 9**

What is important when creating an IBM Watson Visual Recognition classifier?

- A. Make sure training images are very high resolution
- B. Provide an approximately equal number of both positive and negative examples of pictures to train with
- C. Ensure use of only PNG formatted images
- D. Collect training images for the same classification that are very similar to each other

Correct Answer: B

Reference: <https://console.bluemix.net/docs/services/visual-recognition/customizing.html#customizing>

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#### **QUESTION 10**

How would a developer build a AI system that recognize license plates in images?

- A. Train a classifier with examples of license plates.
- B. Write an algorithm to run a set of logical checks on the images.

- C. An AI system would already recognize different types of license plates, so simply show it the images.
- D. Build a tool that sends images to be annotated by teams of humans.

Correct Answer: A

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#### QUESTION 11

Before a developer can work with any of the IBM Cloud services, they need to obtain service credentials. What is the proper procedure to do this in IBM Cloud?

- A. Log-in to IBM Cloud, navigate to your account profile, then copy the account credentials into the application for service access.
- B. Log-in to IBM Cloud, navigate to your account, and view your user credentials.
- C. The IBM Cloud credentials are the same as your service credentials.
- D. Create a service instance within IBM Cloud, create the service credentials, use the service credentials in the application.

Correct Answer: A

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#### QUESTION 12

Built into the IBM Watson Discovery service is the Watson Discovery News data set. How is this collection different from other collections?

- A. The Watson Discovery News configuration and documents cannot be adjusted
- B. Documents from the Watson Discovery News collection can be ingested as sample documents to better configure a private collection
- C. The Watson Discovery News collection is specific to the company news domain, whereas a collection is specific to a domain.
- D. The Watson Discovery News data set and a private collection can be queried with a single query call

Correct Answer: B

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#### QUESTION 13

An AI FAQ widget on a company's support portal allows users to ask questions related to the company and its products.

What IBM Watson AI service might be used in the case where there is not enough information provided to answer the question?

- A. Text to Speech
- B. Speech to Text

C. Language Translation

D. Watson Assistant

Correct Answer: D

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#### QUESTION 14

What is the purpose of the IBM Watson Natural Language Classifier service?

A. Interpret the intent behind text and returns a corresponding classification with associated confidence levels

B. Reduce the number of random utterances consideration, by obtaining a set of uncorrelated utterances

C. Translate a natural language sentence into a syntactic representation such as a parse tree

D. Group a set of objects in such a way that objects in the same group are more similar to each other than to those in other groups

Correct Answer: A

IBM Watson Natural Language Classifier is a service that enables developers without a background in machine learning or statistical algorithms to create natural language interfaces for their applications, interprets the intent behind text and returns a corresponding classification with associated confidence levels and the return value can then be used to trigger a corresponding action, such as redirecting the request or answering a question.

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#### QUESTION 15

A journalist would like to analyze four short sentences captured and transcribed from verbal sound-bites from a political candidate. Is the IBM Watson Personality Insights service an appropriate technology to accomplish this goal?

A. Yes, the Personality Insights services will provide details about the personality of this political candidate

B. Yes, because the journalist will combine the Personality Insight with Speech to Text service to accomplish this goal

C. No, there is not enough text for the Personality Insights service to analyze and provide reliable results

D. No, the Personality Insights service provides only information about the emotional stat of the candidate

Correct Answer: C

Reference: <https://developer.ibm.com/watson/blog/2016/01/12/personality-meets-behavior-the-new-ibmwatson-personality-insights-demo/>