

Developing a Baseline Test Suite from an API Specification

Software Testing · Practice Test · 18 Questions

1. What is the fastest way to bootstrap a test suite according to the text?

- A) Starting from scratch
- B) Using a pre-built test suite
- C) Starting from your API specification
- D) Writing individual tests manually

2. What does spec-first development mean in the context of APIs?

- A) The API code is written before the specification
- B) The API's contract is defined before the code is written
- C) The API specification is generated after the code is complete
- D) The API specification is only used for documentation

3. Why is it recommended to create a fork of a generated collection instead of modifying it directly?

- A) To make the original collection inaccessible
- B) To allow for test-specific modifications without affecting the source
- C) To speed up the generation process
- D) To prevent changes from being pulled from upstream

4. What HTTP status code indicates an authentication issue?

- A) 404 Not Found
- B) 400 Bad Request
- C) 200 OK
- D) 401 Unauthorized

5. If an endpoint returns a 404 Not Found error, what is a common cause related to variables?

- A) The `{{baseUrl}}` variable is missing or incorrect
- B) The `{{apiKey}}` variable is expired
- C) The `{{userName}}` variable has incorrect permissions
- D) The `{{portNumber}}` variable is not defined

6. What does a 400 Bad Request error typically signify?

- A) The server is unreachable
- B) Required query parameters are missing or malformed
- C) The authentication token is invalid
- D) The API endpoint does not exist

7. What is the recommended way to store values like API keys and base URLs for maintainability?

- A) Hardcoding them directly into each request
- B) Storing them in a separate text file
- C) Using environment variables in Postman
- D) Embedding them in the API specification

8. How are variables referenced within Postman requests when using environments?

- A) Using single curly braces, e.g., {variableName}
- B) Using double curly braces, e.g., {{variableName}}
- C) Using square brackets, e.g., [variableName]
- D) Using the '@' symbol, e.g., @variableName

9. What is a benefit of using variables and environments for test suites?

- A) It increases the number of API calls
- B) It makes it easy to switch between different environments (dev, staging, prod)
- C) It reduces the need for API documentation
- D) It automatically generates test cases

10. What does the 'Connection refused' error suggest?

- A) An issue with the API logic
- B) The API server might be unreachable
- C) The request payload is too large
- D) A problem with the test environment setup

11. Which of the following is NOT mentioned as a common API specification format?

- A) OpenAPI
- B) Swagger
- C) RAML
- D) GraphQL Schema Definition Language (SDL)

12. What is the purpose of setting authentication at the collection level?

- A) To apply different authentication to each request
- B) To inherit authentication settings for all requests within the collection
- C) To bypass authentication for all requests
- D) To enable basic authentication only

13. What should you check if the {{baseUrl}} variable is not set correctly?

- A) The Authorization tab in Postman
- B) The active environment in Postman
- C) The request headers
- D) The response body

14. What are common culprits for a 400 Bad Request when dealing with query parameters?

- A) Missing or malformed countryName or airportCode
- B) Expired authentication token
- C) Incorrect HTTP method
- D) Unreachable server

15. What is the 'Meet Agent Mode' mentioned in the text?

- A) A debugging tool
- B) A self-study course
- C) An API specification format
- D) A type of API request

16. What is the cost of the 'Meet Agent Mode' self-study course and v12 QA Engineer workshop with the 'early-adopter-25' code?

- A) \$50
- B) \$25
- C) \$75
- D) Free

17. What chapter is 'Developing a Baseline Test Suite' presented as?

- A) Chapter 1
- B) Chapter 2
- C) Chapter 3
- D) Chapter 4

18. What does the text suggest doing once your environment is configured and endpoints are returning 200s?

- A) Immediately start writing assertions
- B) Send a message to the dev team about the test suite's readiness
- C) Update the API specification
- D) Deploy the API to production