

# Developing a Baseline Test Suite from an API Specification

Software Testing · Answer Key · 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