



# Certified API Testing Professional

**Vskills Certifications**

Vskills Brochure



## Certified API Testing Professional

API testing is a type of software testing that involves testing application programming interfaces (APIs) directly and as part of integration testing to determine if they meet expectations for functionality, reliability, performance, and security. Since APIs lack a GUI, API testing is performed at the message layer.

### Why should one take this certification?

This Course is intended for professionals and graduates wanting to excel in their chosen areas. It is also well suited for those who are already working and would like to take certification for further career progression.

Earning Vskills API Testing Professional Certification can help candidate differentiate in today's competitive job market, broaden their employment opportunities by displaying their advanced skills, and result in higher earning potential.

### Who will benefit from taking this certification?

Job seekers looking to find employment in software testing and development departments of various companies, students generally wanting to improve their skill set and make their CV stronger and existing employees looking for a better role can prove their employers the value of their skills through this certification.

### Test Details

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

### Fee Structure

Rs. 3,499/- (Excludes taxes) \*

\* Fees may change without prior notice, please refer <http://www.vskills.in> for updated fees

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## **1. Web Technology Basics**

- 1.1 Web Application
- 1.2 HTML
- 1.3 CSS
- 1.4 JavaScript
- 1.5 Document Object Model (DOM)
- 1.6 XPath
- 1.7 Popular Web Browsers
- 1.8 Inspecting Elements in Browser

## **2. Software Testing Topics**

- 2.1 Scope
- 2.2 Functional vs. Non-Functional testing
- 2.3 Defects and Failures
- 2.4 Finding Faults Early
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- 2.6 Input Combinations and Preconditions
- 2.7 Static vs. Dynamic Testing
- 2.8 Software Verification and Validation
- 2.9 The Software Testing Team
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## **8. Java API Testing**

- 8.1 REST-Assured
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## **11. Advanced API Testing**

- 11.1 E2E API Testing
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## Sample Questions

- 1. What is most-often HTTP method, utilized to create new resources**
  - A. PUT
  - B. POST
  - C. MAKE
  - D. ADD
  
- 2. Which of the following characterizes the cost of faults?**
  - A. They are cheapest to find in the early development phases and the most expensive to fix in the latest test phases.
  - B. They are easiest to find during system testing but the most expensive to fix then.
  - C. Faults are cheapest to find in the early development phases but the most expensive to fix then.
  - D. Although faults are most expensive to find during early development phases, they are cheapest to fix then.
  
- 3. What is the main difference between a walkthrough and an inspection?**
  - A. An inspection is lead by the author, whilst a walkthrough is lead by a trained moderator.
  - B. An inspection has a trained leader, whilst a walkthrough has no leader.
  - C. Authors are not present during inspections, whilst they are during walkthroughs.
  - D. A walkthrough is lead by the author, whilst an inspection is lead by a trained moderator.
  
- 4. The process starting with the terminal modules is called**
  - A. Top-down integration
  - B. Bottom-up integration
  - C. None of the above
  - D. Module integration
  
- 5. How much testing is enough**
  - A. This question is impossible to answer
  - B. The answer depends on the risks for your industry, contract and special requirements
  - C. The answer depends on the maturity of your developers
  - D. The answer should be standardized for the software development industry

**Answer : 1 (B), 2 (A), 3 (D), 4 (B), 5 (B)**

## Certifications

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  - Certified BASEL III Professional
  - Certified GAAP Accounting Standards Professional
  - Certified Treasury Markets Professional
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  - Certified Cloud Computing Professional
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  - Certified Scrum Specialist
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  - Certified Marketing Manager
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  - Certified Six Sigma Black Belt Professional
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  - Certified Business Law Analyst
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  - Certified Business Intelligence Professional
  - Certified Core Java Developer
  - Certified E-commerce Professional
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  - Certified PHP Professional
  - Certified Selenium Professional
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  - Certified iPhone Apps Developer
- ▶ **Security**
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  - Certified Network Security Professional
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  - Certified Corporate Social Responsibility Professional
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- ▶ **Life Skills**
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  - Certified Public Relations Officer
- ▶ **Media**
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  - Certified Advertising Sales Professional
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& many more job related certifications

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