



Certified OpenSTA Testing
Professional
VS-1163

Vskills Certifications

Vskills Brochure



Certified OpenSTA Testing Professional

Certification Code VS-1163

Vskills certification for OpenSTA Testing Professional assesses the candidate as per the company's need for performance and stress testing of website and web application. The certification tests the candidates on various areas in HTTP/S Load, HTTP/S scripts, script modeling and creation, creating and editing collectors, creating and running tests, single stepping, results display and the OpenSTA architecture.

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 OpenSTA 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 web development, IT or web testing 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

Companies that hire Vskills OpenSTA Testing Professional

OpenSTA Testing Professionals are in great demand. Companies specializing in web development or web testing are constantly hiring skilled OpenSTA Testing Professionals. Various public and private companies also need OpenSTA Testing Professionals for their web development, IT or web testing departments.

Table of Contents

1. Basics

- 1.1 Minimum System Requirements for Installation
- 1.2 Installing HTTP/S Load and OpenSTA
- 1.3 Commander Startup Instructions
- 1.4 Changing the Repository Path
- 1.5 Upgrading
- 1.6 Getting Help

2. HTTP/S Load

- 2.1 Overview of HTTP/S Load
- 2.2 Core Functions of HTTP/S Load
- 2.3 Using HTTP/S Load
- 2.4 The Commander Interface
- 2.5 Commander Toolbars and Function Bars
- 2.6 The Commander Main Window
- 2.7 The Repository Window

3. HTTP/S Scripts

- 3.1 What are Scripts?
- 3.2 Understanding Scripts
- 3.3 Planning Your Scripts
- 3.4 The Core Functions of Script Modeler
- 3.5 Script Modeler Interface
- 3.6 Toolbars and Function Bars
- 3.7 Script Pane
- 3.8 Query Results Pane
- 3.9 Output Pane

4. Creating Scripts

- 4.1 Script Development
- 4.2 The Script Development Process
- 4.3 The Gateway and Script Creation
- 4.4 The Script Recording Process
- 4.5 Script Modeler Configuration Options
- 4.6 Creating New Scripts

5. Modeling Scripts

- 5.1 Modeling Overview
- 5.2 SCL Representation of Scripts
- 5.3 Automated Script Formatting Features
- 5.4 Modeling a Script
- 5.5 Variables
- 5.6 MUTEX Locking

- 5.7 DOM Addressing
- 5.8 Developing a Modular Test Structure
- 5.9 General Modeling Procedures

6. Creating and Editing Collectors

- 6.1 Collectors Overview
- 6.2 Creating Collectors
- 6.3 The Collector Pane
- 6.4 SNMP Collectors
- 6.5 NT Performance Collectors
- 6.6 General Collector Procedures

7. Creating and Editing Tests

- 7.1 Test Development
- 7.2 Test Creation
- 7.3 The Test Pane
- 7.4 Tasks and Task Groups
- 7.5 Task Group Settings
- 7.6 The Test Development Process

8. Running Tests

- 8.1 Test-runs
- 8.2 Dynamic Tests
- 8.3 Distributed Tests
- 8.4 Test-run Procedure
- 8.5 Monitoring a Test-run
- 8.6 Trace Settings

9. Single Stepping

- 9.1 Single Stepping HTTP/S Load Tests
- 9.2 Single Stepping Procedure
- 9.3 The Single Stepping Test Pane

10. Results Display

- 10.1 Results Display Overview
- 10.2 Results Tab
- 10.3 General Results Display Procedures
- 10.4 Test Configuration
- 10.5 Test Audit Log
- 10.6 Test Report Log
- 10.7 Test History Log
- 10.8 Test Error Log
- 10.9 Test Summary Snapshots
- 10.10 HTTP Data List
- 10.11 HTTP Data Graphs
- 10.12 Single Step Results

10.13 Timer List

10.14 SNMP and NT Performance Collector Graphs

11. The OpenSTA Architecture

11.1 OpenSTA Modules

11.2 An OpenSTA Test

11.3 The Test Manager and Task Group Executors

11.4 A Distributed Architecture

11.5 The Web Relay Daemon

11.6 The OpenSTA Repository

11.7 SNMP Collectors

11.8 NT Performance Collectors

11.9 Architecture Module Installed Files

11.10 Script-Based Module Installed Files

11.11 SNMP Module Installed Files

11.12 NT Performance Module Installed Files

11.13 Error Reporting and Tracing

11.14 Starting OpenSTA

11.15 The Name Server Configuration Utility

11.16 The OpenSTA Daemon

11.17 Command Line Formats

Sample Questions

1. What does the HTTP/S Load consists of?

- A. Comments
- B. Modules
- C. Protocol specification
- D. None of the above

2. How does a test is represented as, in Commander?

- A. Delimited text
- B. Table
- C. C language code
- D. None of the above

3. Which scripting language is used by HTTP/S Load by default?

- A. C#
- B. JavaScript
- C. SCL
- D. None of the above

4. Which section is the first part of the script?

- A. Environment
- B. Definitions
- C. Code
- D. None of the above

5. Which type of variables is only accessible to the Virtual User running the Script in which they are defined?

- A. Local
- B. Thread
- C. Global
- D. None of the above

Answers: 1 (B), 2 (B), 3 (C), 4 (A), 5 (A)

Certifications

➤ Accounting, Banking and Finance

- Certified AML-KYC Compliance Officer
- Certified Business Accountant
- Certified Commercial Banker
- Certified Foreign Exchange Professional
- Certified GAAP Accounting Standards Professional
- Certified Financial Risk Management Professional
- Certified Merger and Acquisition Analyst
- Certified Tally 9.0 Professional
- Certified Treasury Market Professional
- Certified Wealth Manager

➤ Big Data

- Certified Hadoop and Mapreduce Professional

➤ Cloud Computing

- Certified Cloud Computing Professional

➤ Design

- Certified Interior Designer

➤ Digital Media

- Certified Social Media Marketing Professional
- Certified Inbound Marketing Professional
- Certified Digital Marketing Master

➤ Foreign Trade

- Certified Export Import (Foreign Trade) Professional

➤ Health, Nutrition and Well Being

- Certified Fitness Instructor

➤ Hospitality

- Certified Restaurant Team Member (Hospitality)

➤ Human Resources

- Certified HR Compensation Manager
- Certified HR Staffing Manager
- Certified Human Resources Manager
- Certified Performance Appraisal Manager

➤ Office Skills

- Certified Data Entry Operator
- Certified Office Administrator

➤ Project Management

- Certified Project Management Professional

➤ Real Estate

- Certified Real Estate Consultant

➤ Marketing

- Certified Marketing Manager

➤ Quality

- Certified Six Sigma Green Belt Professional
- Certified Six Sigma Black Belt Professional
- Certified TQM Professional

➤ Logistics & Supply Chain Management

- Certified International Logistics Professional
- Certified Logistics & SCM Professional
- Certified Purchase Manager
- Certified Supply Chain Management Professional

➤ Legal

- Certified IPR & Legal Manager
- Certified Labour Law Analyst
- Certified Business Law Analyst
- Certified Corporate Law Analyst

➤ Information Technology

- Certified ASP.NET Programmer
- Certified Basic Network Support Professional
- Certified Business Intelligence Professional
- Certified Core Java Developer
- Certified E-commerce Professional
- Certified IT Support Professional
- Certified PHP Professional
- Certified Selenium Professional
- Certified SEO Professional
- Certified Software Quality Assurance Professional

➤ Mobile Application Development

- Certified Android Apps Developer
- Certified iPhone Apps Developer

➤ Security

- Certified Ethical Hacking and Security Professional
- Certified Network Security Professional

➤ Management

- Certified Corporate Governance Professional
- Certified Corporate Social Responsibility Professional

➤ Life Skills

- Certified Business Communication Specialist
- Certified Public Relations Officer

➤ Media

- Certified Advertising Manager
- Certified Advertising Sales Professional

➤ Sales, BPO

- Certified Sales Manager
- Certified Telesales Executive

& many more job related certifications

Contact us at :

Vskills

011-473 44 723 or info@vskills.in

www.vskills.com