



# Certified WiMAX (4G) Professional VS-1053

**Vskills Certifications**

Vskills Brochure



Skills for a secure future

## Certified WiMAX (4G) Professional

### Certification Code VS-1053

Vskills certification for WiMAX (4G) Professional assesses the candidate for managing WiMAX or 4G based wireless networks. The certification tests the candidates on various areas in implementing and managing WiMAX based wireless networks which include knowledge of planning, implementation, management and security of WiMAX based wireless networks.

### 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 WiMAX(4G) 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 various IT companies or freelance, 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 Certified WiMax(4G) Professional

Vskills Certified WiMax(4G) Professional finds employment in telecommunication companies for design, implementation or maintenance of WiMax networks . There is a shortage of skilled professionals in this field and companies are in a constant look out of people well acquainted with the work culture and the processes involved.

# Table of Contents

## **1. Introduction**

- 1.1 802.11 and 802.16 standards
- 1.2 Media access layer

## **2. Business Model**

- 2.1 Broadband technologies
- 2.2 Advantages and cost effectiveness
- 2.3 Budgeting and planning rollout

## **3. Spectrum and Services**

- 3.1 Spectrum selection
- 3.2 Different frequency usage

## **4. Planning**

- 4.1 Architecting the network
- 4.2 Site surveys
- 4.3 Equipment selection process
- 4.4 Frequency reuse

## **5. Service Deployment**

- 5.1 Traffic management and distribution
- 5.2 MPLS and soft switch
- 5.3 VPN and types
- 5.4 IP QoS

## **6. OSS and network management**

- 6.1 OSS and its components
- 6.2 Software integration

## **7. Security**

- 7.1 Security policies
- 7.2 Network attacks
- 7.3 Regulations and compliance

## Sample Questions

1. HSDPA stands for \_\_\_\_\_.
  - A. High-Speed Data Packet Access
  - B. High-Speed Downlink Packet Access
  - C. High-Speed Data Paired Access
  - D. None of the above
  
2. The 802.16a standard frequencies extend from \_\_\_\_\_.
  - A. 10 to 66 GHz
  - B. 2 to 11 GHz
  - C. 10 to 11 GHz
  - D. None of the above
  
3. ATM works on which network layer \_\_\_\_\_.
  - A. 3
  - B. 1
  - C. 2
  - D. None of the above
  
4. Using array of directional antenna to direct RF into an area is called \_\_\_\_\_.
  - A. Sectorizing
  - B. Focusing
  - C. Polling
  - D. None of the above
  
5. DDoS refers to \_\_\_\_\_.
  - A. Distributed Denial of service
  - B. Distributed Data service
  - C. Distributed Differential of service
  - 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**

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