



Certificate in Cybersecurity Architecture

Vskills Certifications

Vskills Brochure



Skills for a secure future

Certificate in Cybersecurity Architecture

Cybersecurity Architecture involves designing, implementing, and maintaining secure systems, networks, and infrastructures to protect against cybersecurity threats and risks. It focuses on creating a structured approach to cybersecurity by defining the framework, policies, procedures, and technologies required to secure an organization's digital assets.

Note: Please note that only assessment is provided and no learning resources will be provided.

Why should one take Certificate in Cybersecurity Architecture?

Effective Cybersecurity Architecture helps in managing and reducing risks associated with cyber threats, ensuring business continuity and resilience. Organizations need to comply with various regulatory requirements and industry standards, and a well-designed Cybersecurity Architecture helps in meeting these obligations.

Effective Cybersecurity Architecture helps in managing and reducing risks associated with cyber threats, ensuring business continuity and resilience.

The Vskills Certificate in Cybersecurity architecture attests to your understanding and applying skills and knowledge in and helps you to stand out amongst your peers to help in gaining better career prospects.

Who will benefit from taking Certificate in Cybersecurity Architecture?

Cybersecurity Professionals, IT and Network Architects, IT Managers, Security Analysts will benefit immensely by opting for Vskills Certificate in Cybersecurity Architecture to be noticeable amongst their colleagues as well as make progress in their respective careers.

Students taking the certification also gain by showcasing their understanding of Cybersecurity Architecture and are able to increase their job opportunities.

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. 1,999/- (Excludes taxes)*

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

Companies that hire Vskills Certificate in Cybersecurity Architecture Professionals

Financial institutions, banks, large enterprises, consulting firms and security service providers are constantly hiring skilled Cybersecurity architecture professionals. Companies employing Cybersecurity Architecture professionals include Google, TCS, Accenture, IBM, Tech Mahindra, GE, Amex, Deloitte, Wipro, TCS, etc.

Table of Contents

1. Introduction

- 1.1 Welcome to the Course
- 1.2 Introduction to Cybersecurity
- 1.3 The Problem with Security Today
- 1.4 Introduction to Security Architecture
- 1.5 Who Is a Security Architect?
- 1.6 Security Principles and Approaches
- 1.7 Cybersecurity Processes
- 1.8 Risk Management
- 1.9 Understanding Residual Risk

2. Threat Modelling

- 2.1 Threat Modelling - Part 1
- 2.2 Threat Modelling Versus Risk Assessment
- 2.3 Threat Modelling - Part 2
- 2.4 STRIDE
- 2.5 DREAD
- 2.6 PASTA
- 2.7 OCTAVE
- 2.8 TRIKE
- 2.9 Attack Trees

3. Enterprise Architecture Frameworks

- 3.1 Section Preview
- 3.2 TOGAF Framework
- 3.3 Zachman Framework
- 3.4 SABSA Framework

4. Cyber Architecture for Enterprise Security

- 4.1 Network Security
- 4.2 Application Security
- 4.3 Endpoint Security
- 4.4 Identity and Access Management
- 4.5 Data Protection
- 4.6 Vulnerability, Patch, and Availability Management
- 4.7 Supply Chain Security

5. Designing for Security

- 5.1 Security Design Patterns
- 5.2 Security Design Pattern Example
- 5.3 Reference Security Architectures

6. Case Study

- 6.1 Case Study Preview
- 6.2 Business Requirements
- 6.3 Data Classification
- 6.4 Threat Modelling
- 6.5 Security Requirements
- 6.6 Reference Architecture
- 6.7 Identifying the Residual Risk

Certifications

► Accounting, Banking & Finance

- Certified GST Professional
- Certified AML- KYC Compliance Officer
- Certified Business Accountant
- Certified BASEL III Professional
- Certified GAAP Accounting Standards Professional
- Certified Treasury Markets Professional

► 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 Professional

► 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 Master in Project Management
- Certified Scrum Specialist

► 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 Supply Chain Management Professional

► Legal

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

► Information Technology

- Certified Angular JS Professional
- 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

► 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
- Certified Leadership Skills 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:
V-Skills
011-473 44 723 or info@vskills.in
www.vskills.in