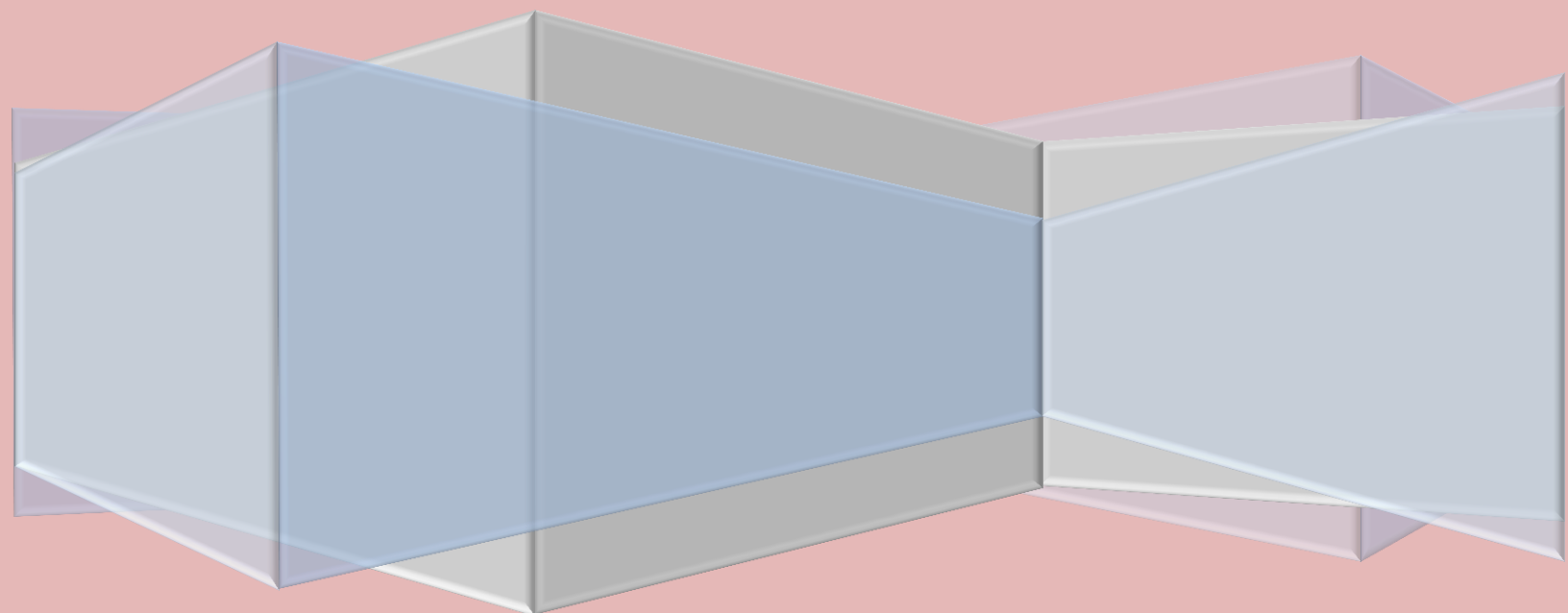


**SPRINTZEAL empowering professionals**

**COMPTIA CLOUD ESSENTIALS+ (CLO-002) TRAINING BY SPRINTZEAL**



# CompTIA Cloud Essentials+ (CLO-002) Training by Sprintzeal

## **Module 1 - Cloud Principles and Design**

Understanding Cloud Principles

Virtualization

Service Models

Deployment Models

Cloud Characteristics

Shared Responsibility Model

Exploring Cloud Design

Redundancy and High Availability

Disaster Recovery

## **Module 2 - Cloud Networking and Storage**

Understanding Cloud Networking Concepts

Networking: A Quick Primer

Connecting to the Cloud

Cloud Networking Services

Understanding Cloud Storage Technologies

How Cloud Storage Works

Cloud-Based Storage Providers

Cloud Storage Terminology

Content Delivery Networks

### **Module 3 - Assessing Cloud Needs**

Using Cloud Assessments

Gathering Current and Future Requirements

Using Baselines

Running a Feasibility Study

Conducting a Gap Analysis

Using Reporting

Understanding Benchmarks

Creating Documentation and Diagrams

Understanding Cloud Services

Identity Access Management

Cloud-Native Applications

Data Analytics

Digital Marketing

Autonomous Environments

Internet of Things

Blockchain

Subscription Services

Collaboration

### **Module 4 - Engaging Cloud Vendors**

Understanding Business and Financial Concepts

Expenditures and Costs

Licensing Models

Human Capital

Professional Services

Finding and Evaluating Cloud Vendors

Gathering Information

Performing Evaluations

Negotiating Contracts and Billing

Choosing a Migration Approach

Migration Principles

Lift and Shift

Rip and Replace

Hybrid and Phased Migrations

## **Module 5 - Management and Technical Operations**

Explain Aspects of Operating within the Cloud

Data Management

Availability

Disposable Resources

Monitoring and Visibility

Optimization

Explain DevOps in Cloud Environments

Provisioning

Continuous Integration/Continuous Delivery

Testing in QA Environments

Configuration Management

API Integration

Financial Planning of Cloud Resources

Storage

Network

Compute

Chargebacks

Maintenance

Instances

Licensing Types

License Quantity

## **Module 6 - Governance and Risk**

Recognize Risk Management Concepts Related to Cloud Services

Risk Assessment

Risk Response

Documentation

Vendor Lock-in

Data Portability

Explain Policies or Procedures

Standard Operating Procedures

Change Management

Resource Management

Security Policies

Access and Control Policies

Department-Specific Policies

Communication Policies

## **Module 7 - Compliance and Security in the Cloud**

Identify the Importance and Impacts of Compliance in the Cloud

Data Sovereignty

Regulatory Concerns

Industry-Based Requirements

International Standards

Certifications

Explain Security Concerns, Measures, or Concepts of Cloud Operations

Threat

Vulnerability

Security Assessments

Data Security

Application and Infrastructure Security