

NCTA Cloud Technologies

Course Specifications

Course Number:

093017

Course Length:

3 days

Course Description

Target Student:

This course is designed for system administrators or prospective system administrators who have one year of experience working with Windows Server or other server platforms and who want to develop their evaluation, selection, and implementation skills for cloud services, including Software as a Service (SaaS) solutions, Platform as a Service (PaaS) solutions, and Infrastructure as a Service (IaaS) solutions that target businesses of all sizes.

Prerequisites:

To ensure your success in this course, you should have experience with basic client and server deployment, configuration, and use. This includes configuring network connectivity, configuring server and client communications, installing Windows or Linux servers, using administrative tools, configuring system properties, and configuring networking settings. You can obtain this level of skills and knowledge by taking the following Logical Operations course:

CompTIA® Network +® (Exam N10-006)

In addition, experience in the administration of specific operating system technologies may be helpful, including any or all of the following Logical Operations courses:

CompTIA® Linux+™ Powered by LPI (Exams LX0-103 and LX0-104)

Microsoft® Windows Server® 2012 R2: Installation and Configuration (Exam 70-410)

Course Content

Lesson 1: Identifying Business Benefits of Cloud Computing

Topic A: Application of Cloud Computing Models to Business Needs

Topic B: Analyze Business Trends in Cloud Computing

Topic C: Evaluate Cloud Service Models and Implementations

Topic D: Identify Emerging Trends in Cloud

Lesson 2: Selecting End-User Cloud Technologies

Topic A: Select Native Applications

Topic B: Select Web Applications

Lesson 3: Supporting the Business Case for Cloud Computing

Topic A: Business Benefits and Concerns

Topic B: Provider Benefits and Challenges

Topic C: Plan Cloud Resource Provisioning

Lesson 4: Applying Cloud Computing Models

Topic A: Applying Cloud Models at the Provider

Topic B: Implement Cloud Models at the Customer

Topic C: Address Challenges in Cloud Implementations

Lesson 5: Integrating Cloud Services

Topic A: Plan Domain Name Integration with Cloud Services

Topic B: Implement Cloud Service Access

Lesson 6: Selecting and Implementing Free Software as a Service (SaaS) Solutions

Topic A: Select SaaS for Personal Use

Topic B: Implement a Free SaaS Solution

Lesson 7: Selecting and Implementing a Paid SaaS Solution

Topic A: Identify Corporate SaaS Requirements

Topic B: Select a Paid SaaS Solution

Topic C: Implement a Paid SaaS Solution

Lesson 8: Selecting SaaS Solutions for Small Businesses

Topic A: Select SaaS Accounting Solutions

Topic B: Select SaaS Storage Solutions

Topic C: Select SaaS Project Management Solutions

Topic D: Select Other Small Business SaaS Solutions

Lesson 9: Selecting SaaS Solutions for Medium-sized to Enterprise Businesses

Topic A: Select SaaS CRM Solutions

Topic B: Select SaaS Marketing Solutions

Topic C: Select SaaS Enterprise Resource Planning Solutions

Lesson 10: Integrating SaaS Solutions

Topic A: Determine Business Needs for SaaS Integration

Topic B: Integrate SaaS Solutions

Lesson 11: Selecting Platform as a Service (PaaS) Solutions

Topic A: Evaluate PaaS Solution Benefits

Topic B: Select PaaS Solutions for Small Business

Topic C: Select PaaS Solutions for Medium and Enterprise Businesses

Lesson 12: Selecting Infrastructure as a Service (IaaS) Solutions

Topic A: Compare IaaS to Traditional Infrastructure Solutions

Topic B: Select IaaS Providers

Further Information:

For More information, or to book your course, please Call/Email us on : - +254 713 027 191

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