

## EXIN Cloud Computing Essentials - Including Exam

**Duration: 3 Days**    **Course Code: GK3210**    **Delivery Method: Virtual Learning**

### Overview:

Cloud computing means implementing and using cloud technology to provide IT-related services hosted off-premise. Usually cloud services are distributed over the internet. Cloud supports businesses by offering flexible IT solutions based on clear service level agreements (SLAs). The Cloud Computing Foundation certification requires insight in the basics of cloud technology, the relation between cloud and other areas of information management, and how cloud computing is incorporated in the business. This insight is based on knowledge of the fundamental concepts behind cloud, which includes understanding cloud architecture, design, and deployment.

#### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

### Target Audience:

Those interested in learning the essentials of cloud computing, including an IT manager who is determining whether or not to use cloud services, an implementer who needs to understand the cloud, or sales or marketing professionals who sell cloud services

### Objectives:

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|------------------------------------------------------------------------|----------------------------------------------------------------|
| ■ By the end of this course you will have learnt:                      | ■                                                              |
| ■ Essential elements of cloud computing                                | ■ Products used to implement the virtualization architecture   |
| ■                                                                      | ■                                                              |
| ■ Pros and cons of cloud computing                                     | ■ Security and privacy issues with cloud computing             |
| ■                                                                      | ■                                                              |
| ■ Who's who in cloud computing and the product and services they offer | ■ Federation and presence                                      |
| ■                                                                      | ■                                                              |
| ■ The business case for going to the cloud                             | ■ Cloud computing standards and best practices                 |
| ■                                                                      | ■                                                              |
| ■ How to build a cloud network                                         | ■ Platforms and applications used by cloud computing end users |
| ■                                                                      | ■                                                              |
| ■ Virtualization architecture                                          | ■ How mobile devices can be used in the cloud                  |

### Prerequisites:

There are no prerequisites for this course.

## Content:

### 1. The principles of Cloud computing

- The concept of Cloud computing
- The development of Cloud computing
- Cloud computing architecture
- Advantages and disadvantages of Cloud computing

### 2. Implementing and managing Cloud computing

- Building a local Cloud environment
- Managing Cloud services

### 3. Using the Cloud

- Accessing the Cloud
- The Cloud and Business Processes
- Service Providers and the Cloud

### 4. Cloud Security, Identity and Privacy

- Securing the Cloud
- Identity and Privacy

### 5. Evaluation of Cloud Computing

- The business case
- Evaluating Deployments

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## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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[www.globalknowledge.com/en-be/](http://www.globalknowledge.com/en-be/)