Cloud Computing changes IT architectures and gives rise to many new questions. The course at hand discusses the topic from the viewpoint of its effects in terms of organization, staff, infrastructure, and technical features. After a brief introduction, the overall motivation and the goals are explained. Subsequently, all aspects of the topics contract law, data protection, information security, and compliance will be treated in detail, which have to be considered by both the customer and user when migrating the business to the cloud. In this context, the chances and risks involved are also specified in each case, such as the effects of different laws on data protection and data security. Moreover, the course will show how the IT processes will change after the migration to the cloud and which interfaces and SLAs the provider should offer. A market overview, which is classified according to the different service models, as well as the presentation of the most important providers and and their cloud offers round off this interactive training.

Course Contents
- What is Cloud Computing (definition by NIST, CSA, and BSI)?
- Why is Cloud Computing so successful?
- Cloud Models: Private, Virtual Private, Public, Community and Hybrid Cloud
- Service Models: IaaS, PaaS, SaaS, XaaS
- Private Clouds: VMware vCloud Suite, Microsoft Windows Azure Pack, and OpenStack
- Which factors should be observed on the way into the cloud?
- Data Protection in Europe and on an International Scale Laws and their Limits
- Data Privacy Risk of Data Theft and Legal Overall Conditions
- Contract Law, Data Protection, Information Security, Compliance
- SOX, HGB, KonTraG, EG Dual Use, etc.
- SLAs and Service Management: ITIL, CoBit, ISO 27001/2, BSI Standard 100-4, etc.
- Cloud Standards and Interfaces: REST-API, vCloud API, etc.
- Typical Application and Migration Scenarios
- Market Overview Internationally and for Germany
- Public Cloud Offers in a Comparison: AWS, Azure, vCloud Air, Google, Salesforce, etc.

E-Book
You will receive the detailed documentation package from the series ExperTeach Networking – print, e-book and personalized PDF!

Target Group
The course addresses all those who are dealing with the topic of Cloud Computing and wish to gain know-how on a non-technical level. It will provide decision-takers as well as sales and pre-sales staff working in the cloud environment with a solid knowledge basis and provide many valuable hints for their daily work routine.

Prerequisites
The students should be fond of dealing with conceptual and legal aspects. Technical know-how is not required.

This Course in the Web
You can find the up-to-date information and options for ordering under the following link: www.experteach-training.com/go/CC01

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BS 25999 and ISO 22301
ISO/IEC 27001 and 27002

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