PowerPackage Cloud deployment
From concept to safe use

This PowerPackage combines the content of the The Cloud in Use - Concepts, Development, Migration and Cloud Security - Risk and Security in Cloud Deployment courses into one event.

Cloud is changing IT architectures and the application world. For organizations new to cloud, many new questions are raised. This course looks at the topic from the perspective of its organizational, personnel, infrastructural, technical and security implications. To this end, the general motivation for cloud is first highlighted and the term itself explained. Issues such as contract law, data protection and compliance must be considered when moving business to the cloud. Likewise, when moving to the cloud, it is almost inevitable that IT processes will change. Agile methods and application modernization come to mind here. Paying attention to various security aspects is also part of successful cloud adoption. How secure is the cloud anyway? And how do you secure it further? A look at threat scenarios as well as security concepts and their technical implementation rounds off this holistic cloud consideration.

Course Contents
• What is cloud computing and what makes the cloud so successful?
• Cloud models: private, virtual private, public, community, hybrid and multi-cloud
• Service models: IaaS, PaaS, SaaS, XaaS
• Virtual machines, containers and private clouds
• Typical deployment and migration scenarios: What needs to be considered on the way to the cloud?
• Data protection and data security in Europe and internationally: laws and their limits
• Process models and agile methods: Extreme Programming (XP), Scrum, DevOps, bimodal IT, etc.
• App design of a cloud-native application and cloud paradigms: GIT, microservices, MVP, CI/CD, test-driven development, behavior-driven development
• The importance of the WAN connection: limits of classic solutions, SD-WAN and SASE
• Market overview: Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP) etc.
• Organizational aspects of cloud security: shared responsibility and compliance programs
• The concept of the landing zone and compliance policies
• Securing IaaS: design examples with Azure, AWS and OpenStack
• Danger from the user: IAM, Bring Your Own Device, shadow IT, CASB

E-Book The detailed digital documentation package, consisting of an e-book and PDF, is included in the price of the course.

Target Group
The course is aimed at anyone who is involved in the topic of cloud and wants to get fit on an organizational and technical level. Anyone working in development, technology, presales or management in the cloud environment will find the course a solid foundation of know-how and valuable input for their day-to-day work.

Prerequisites
A willingness to deal with conceptual and legal issues is required. Basic network and IT skills should be available.

Status 05/07/2025

Training		Prices, excl. of V.A.T.
Classes in Germany	**5 Days**	**€ 2,595**
Online Training	**5 Days**	**€ 2,595**
Date/course venue	Course language German 🇩🇪	
23/06-27/06/25 Frankfurt	20/10-24/10/25 Frankfurt	
23/06-27/06/25 Online	20/10-24/10/25 Online	

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Our Training Offer for You:

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Attend your course in online mode – without travel and accommodation expenses and effort.

Hybrid Training
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In-house Training
We create your customized training concepts for your project.

Guaranteed Course Dates
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