Cloud Computing Overview

Category: Cloud Platforms | **Vendor:** Various

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course provides knowledge in the key features of Cloud Computing, basic concepts of virtualization and data centers, Cloud Computing architectures and deployment models, Cloud Computing market and main players, management issues and standardization, risks and security aspects, law regulations and planning of application oriented Cloud Computing solutions.

About This Course

- Introduction in Cloud Computing

- Define main Cloud Computing characteristics
- Assess history, roadmap and trends of Cloud Computing
- Business models and scenarios
- Key features of Cloud Computing

- Services, SLAs, QoS, resource provisioning, automation, elasticity, virtualization and management issues
- Assess technological and financial advantages and disadvantages of Cloud Computing
- Virtualization and Data Center

- Basic concepts of virtualization and data center management
- Types of virtualization and technologies
- management of physical and virtual data centers and technologies
- Cloud Computing Architectures and Services

- Software as a Service (SaaS), Platform as a Service (PaaS), Infrastructure as a Service (IaaS)
- User issues of service models and architectures
- Technology and capabilities of Cloud service models and architectures for different kind of applications
- Cloud Computing Deployment Models

- Private Cloud
- Public Cloud
- Hybrid Cloud
- Cloud Computing Market

- Basic characteristics and trends of Cloud Computing market
- Cloud Computing market size, sectors, main players, geographical and sectorial market impacts, Open Source Cloud Computing technology impact
- Assess main players and their technology impact in Cloud Computing market (e.g. SalesForce.com, VMware, EyeOS, IBM Cloud Computing, Google, Azure – Microsoft Cloud OS, Amazon EC2 (Elastic Cloud Computing), OpenNebula, Red Hat, Zimory, Z-Commerce Platform)
- Security aspects and risks of Cloud Computing

- Security aspects (storage, control, processor, hypervisor, computing and network infrastructure, data and testing environment)
- Evaluate security technologies
- Risk management and mitigation strategies
- Management aspects of Cloud Computing infrastructures

- Different aspects of management of Cloud Computing infrastructures focusing on identity and policy, service performance and QoS, monitoring and costs, reliability, security, risks and scalability
- Assess technology solutions for automated management
- Law regulations and standardization of Cloud Computing infrastructures

- State-of-the art of law regulations for Cloud Computing infrastructures
- Standardization of Cloud Computing technology

Who Should Attend

Account Manager, Sales Manager, Project Manager and all other employees who need an overview in Cloud Computing.

Prerequisites & Entry Requirements

General Prerequisites:

No technical prerequisites.

Frequently Asked Questions

Q: What delivery options are available for Cloud Computing Overview?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Cloud Computing Overview course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Cloud Computing Overview training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Cloud Computing Overview?

Yes, we provide corporate training, dedicated training, and closed classes for Cloud Computing Overview. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Cloud Computing Overview, Cloud Foundations, CLOUD

Q: Why choose Nexus Human for Cloud Computing Overview?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Cloud Computing Overview training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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