From virtualization via cloud and container to serverless («VIRTAR»)

Virtualization is the basic technology behind cloud technologies and is used in various forms in modern ICT architectures today. From VLAN (Virtual LAN) and VPN (Virtual Private Network) to cloud, container and serverless.

Duration: 1 day
Price: 950.–
Course documents: Digicomp courseware

Content

- Virtualization – Overview and History
  - Different types of virtualization?
  - Server Virtualization
  - Network Virtualization
  - Dynamic infrastructure platform
  - Infrastructure as Code
- Aspects of the Cloud?
  - What is the Cloud?
  - Cloud service models
  - Public, Private, Hybrid, Multi or Private Cloud?
  - Cloud Native, Container and Kubernetes
  - Serverless
- Operational aspects
  - Flexibility vs. Control
  - Rent vs. Buy

Key Learnings

- Understanding of the different application areas of the cloud
- Use and knowledge of various virtualization techniques
- Knowledge of the connection between virtualization and container

Methodology & didactics

Lecture with action-oriented interactive exercises and presentation of solutions.

Target audience

This course is aimed at ICT architects, developers and decision-makers who want an overview of current virtualization and cloud technologies.

Further courses

- Docker and Kubernetes – Overview and Use («DUK»)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-software-engineering/it-architecture/system-infrastructure-architecture/course-from-virtualization-via-cloud-and-container-to-serverless

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