

## Secure virtualisation and network architectures («VER4A2»)

With this course package, consisting of the courses «Virtualization Architectures», «Network Architectures» and «Security Architecture», you will gain a comprehensive overview of the in-depth study of system and infrastructure architecture.

**Duration:** 3 days

**Price:** 2'500.–

### Content

- Module **Virtualization Architectures**
  - Overview and insights into the history of virtualization
  - Different types of virtualization
  - Overview of the operational aspects and aspects of the cloud
- Module **Network Architectures**
  - Insight into the architecture overviews and the network
  - The most important requirements for the network architecture
- Module **Security Architecture**
  - Security, procedures, and methods to ensure this in the network and operating system
  - Possible threats and how to prevent them

### Key Learnings

- Use and knowledge of different virtualization technologies and how they differ from each other
- Knowledge of the relationship between virtualization and the cloud
- Knowledge of current network architectures and their areas of application
- Status of propagation of IPv4
- Knowledge of the current requirements of a modern telecommunications network
- Software Defined Networking
- Understanding the potential uses of a PKI
- Knowing which countermeasures are applied at what time

### Target audience

This course is targeted at ICT Architects, Developers and Decision Makers who want to get an overview of the latest virtualization and cloud technologies.

### Any questions?

We are happy to advise you on +41 44 447 21 21 or [info@digicomp.ch](mailto:info@digicomp.ch). You can find detailed information about dates on [www.digicomp.ch/courses-software-engineering/it-architecture/system-infrastructure-architecture/course-package-secure-virtualisation-and-network-architectures](http://www.digicomp.ch/courses-software-engineering/it-architecture/system-infrastructure-architecture/course-package-secure-virtualisation-and-network-architectures)