Next Generation Firewall – Hands-on Advanced («FIRE2»)

The knowledge gained can be applied directly in operational use and provides knowledge on how to optimally configure the firewall's key security functions.

Duration: 2.5 days
Price: 2'250.–

Content

1st course day

- Network Address Translation
- Time based rules with scheduler
- Traffic Shaping
- Captive Portal

2nd course day

- Virtual Private Networks
- IP/DNS based filtering

3rd course day (half day)

- Network Intrusion Prevention System

Key Learnings

- Basic knowledge of Network Address Translation
- Knowledge of time-based rules with scheduler
- Knowing Traffic Shaping
- Learning of Captive Portal
- First experiences with Virtual Private Networks
- Understanding IP/DNS based filtering part 1 and part 2
- Solving exercises together
- Knowing and understanding the Network Intrusion Detection System and the Network Intrusion Prevention System

Methodology & didactics

- Mediation by means of presentation
- Live demonstration
- Practical examples
- Multidimensional learning up to synthesis

Target audience

This course is aimed at students who have completed the Basic module or have significant prior knowledge who would like to gain advanced experience with a Next Generation Firewall, as well as employees of companies who would like to improve their network knowledge and handling of a Next Generation Firewall with regard to security.

Additional information

Netgate 4100 Security Appliance (If you have not already received the appliance in the previous course)

To ensure that you achieve maximum learning success and can immediately put the knowledge you have gained into practice, we provide you with a personal firewall appliance which you may keep after completing the course. The Netgate 4100 with integrated pfSense Plus software is one of the most versatile security gateways in its class. With thousands of organizations using pfSense software, it is among the world's most trusted open source network security solution.

For more product information, visit https://shop.netgate.com/products/4100-base-pfsense

Further courses

- Next Generation Firewall - Hands-on Expert («FIRE3»)

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-security/cyber-security-defense/course-next-generation-firewall--hands-on-advanced