

## Training Guide

# INFORMATION SECURITY FUNDAMENTALS



## COMPACT VERSION

**Trainer:**

**Ing. Urwin W. Staphorst MBA**  
Microsoft Certified Trainer

**Co-Trainer**

Ing. Weerin Kalpoe  
Advanced Wireless Security

**Assistant**

Johan Kalpoe  
Web Application Security



## 1. INFORMATION SECURITY AWARENESS TRAINING (IFSA)

The online (blended) course IFSA is a highly practical course that describes a set of best practices for System Administrators and ICT Professionals. Information security's primary focus is the balanced protection of the confidentiality, integrity and availability of data while maintaining a focus on efficient policy implementation.



The learning objectives are depicted below.

1. Identifying information and related assets, plus potential threats and vulnerabilities
2. Diagnosing and Monitoring a Network with Risk Identification
3. Physical Security and Software Security
4. Wireless Network Threats and Firewalls
5. Threats, Attacks and Vulnerability of Webservers
6. Security Cryptography and Identity
7. Computer Data Security
8. Certificate Server Security
9. Disaster and Recovery of a Security Threat

The student not only learns which theories and technologies exist, but furthermore the student learns about the applicability of these theories and technologies in practice, considering the own organization and culture.

To follow the IFSA course, students must have level 2 (Advanced) knowledge of ICT Systems.

IFS consists of the following components:

- Lesson plan: lectures, cases & practical assignments;
- Digital Literature;
- Practical and Online Sessions;
- Theoretical Exam;
- Practical Demo Exam, Presentation.

## 2. Study load

The study load for the course IFSA is 168 hours:

Duration: 26 contact hours (included examination) on average one 3 hours sessions per week.

**Please note: The study load mentioned here is only a rough indication! The number of hours actually to be spent per student depends on individual skills, experience, commitment, focus, participation during lectures and group assignments and the degree of being able to work independently.**

**INVESTMENT: ALL-IN USD 700**

### 3. About the trainer

#### About the Trainer

Ing. Urwin W. Staphorst MBA – Microsoft Certified Trainer  
Highly motivated and focused team player who can also work independent and specialized in Microsoft Training, the development of new projects, with strong skills in system design and development. With a Bachelor degree in Information Master of Business degree under his belt, he is also authorized by Microsoft as a Microsoft Certified Azure Administrator and a Microsoft Certified Trainer (MCT) ever since 2000.



#### About the Co-Trainer

Ing. Weerin Kalpoe

Weerin has experience as network designer, network architect, network implementer and troubleshooting. In-depth knowledge of Wireless Security and has worked with many different vendors.

#### About the Assistant

Johan Kalpoe

Johan has experience with advanced IT systems, Web Application Security, as well as Networking concepts on an Administrator level. Johan has worked in various sectors in IT and has build up a relative experience level.

#### *Accreditation/ Certification/ Recognition*

*IFSA is an integral part of the IMIT education program accredited by the “National Orgaan voor Accreditatie” (NOVA). The successful completion of the course entitles non-IMIT students an IMIT (sub) certificate. IMIT is recognized by The Ministry of Education, Science and Culture (MINOWC).*

Paramaribo, February 12, 2022

IMIT

Studie Coördinator

Ing. Urwin W. Staphorst MBA

*Subject to change 12.2.2022*