1. Course Title

Deployable IS Foundation for PfP

2. Identification Number (ID)

962

3. Purpose of the Course

The course is designed to provide military and civilian personnel with foundation knowledge and skills to understand, install, administer and maintain IS (Information Systems) and Core Enterprise Services (CES) infrastructures.

This course is a combination of theoretical lessons and practical hands-on training.

This course is intended for students with little experience in IS environments.

This course is a Foundation category course.

4. Learning Objectives

Given the pre-requisites – see paragraph 16 – upon completion of the course, the qualified student will be able to:

a. Describe the context of IS systems and how they fit within IT infrastructures.
b. Describe the context of Federated Mission Networking (FMN).
c. Describe the technical elements of IS systems.
d. Describe the email messaging solution and how it interfaces to the network.
e. Configure end devices.
f. Demonstrate and apply the techniques for installation of Core Services.
g. Describe the use of Virtualisation within the infrastructure services environment.
h. Apply practical testing, bringing together the elements learnt within this course.

5. Qualification
6. Student Criteria

The Student must:

- Meet the Background Knowledge Prerequisites.

7. Rank

The Student must be:

- Selected Officer
- Civilian equivalent

8. Language Proficiency

According to STANAG 6001: English SLP 3232

9. Security Clearance

Not Applicable

10. Course Length

10 Working days (2 weeks of 5 days each)

11. Special Instructions

Not Applicable

12. Class Size

- Maximum
- Recommended
- Minimum

8/6/4

13. Nomination Procedures

As posted on www.nciss.nato.int

14. Pre-course Study
15. Location

The course is conducted at the NATO Communications and Information Systems School (NCISS), Latina Italy.

16. Background Knowledge Prerequisites

The student must have:
A Technical background with working knowledge of computer systems and networking.
No prior MS Windows Server is required but it is desirable.

17. Modules

The following modules will be covered and include both theory and practical, hands-on lessons:

- Entry Test against theory pre-requisites
- Introduction to the capability
- Introduction to the capability / system hardware and media (lecture and lab)
- Packet-based Services, protocols and configuration (lecture and lab)
- Daily capability / system functionality checks (lecture and lab) with Q&A session
- Operation, Maintenance and SMC on Core Enterprise Service devices (connection, backup/restore, troubleshooting – lecture and lab)
- Installation of Virtualisation and Server Applications, to the guidelines encompassed within the configuration baseline.
- Installation, Configuration and troubleshooting of various server roles and feature (Exchange, DNS, AD, etc.)
- End-of week practical exercises (lab)
- Introduction and configuration of CES end-user devices.
- Final Exam (theory)

Final Exam and Crew Exercise establishing CES, and Communications Services, to include Transmission Services (practical)