

AFIX Technical Workshop: Session 3 Trainer's Notes

Technical refresher and exercise

This hands-on session refreshes the concepts of static and dynamic routing and provides several exercises.

Timing/duration

3.5 hours

Prerequisite skills/knowledge

- Participants should have completed the previous sessions in the workshop.

Resources included

- Handout with exercises.

Objectives

By the end of the sessions participants should:

- Understand the difference between communication between devices on a single logical network and communication between different logical networks.
- Be able to set up static routes and dynamic routes on an interior network and check their status.
- Understand the role that a router/gateway plays in such a set of logical networks.

Comments

- The trainer should work through all the exercises before the session.
- If the class is advanced, or includes participants with expertise in routing, then it is suggested to allow them to make the allocations/assignments themselves (i.e. allow the participants to perform steps b), c) and d) in Exercise 1).
- Ensure that the various values represented in the diagram used in Exercise 1 (x, y and z for each team) – which are required to complete the exercise – are clearly displayed on a whiteboard, flipchart or screen.