

ITRAINONLINE MMTK

Trainers' notes: Basic Wireless Infrastructure and Topologies

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Introduction	A high level introduction to wireless modes and topologies, based around real life cases, and supplying basic knowledge about setup of such infrastructures.
Timing/duration	Typically early in a workshop, e.g. before hands-on setup of access points. Duration of unit is approx. 1 – 1.5. h, but can and should be extended through valuable discussion of real life cases.
Content outline and main topics covered	Basic Network Topologies Wireless modes Basic wireless topologies and their setup - Ad hoc - Star / Hotspot - Point to Point - Repeating - Mesh
Target audience	General technically and practically minded audience.
Prerequisite skills/knowledge	None mandatory. General understanding of computer networks will be helpful.
Unit objectives/expected outcomes	A clear understanding of wireless modes and topologies and how the two are not identical.
Pre-workshop activities	-
Notes on using exercises	No exercises – discussion of real life network e.g. At the workshop location, and a lot of time for questions and discussion are recommended!
Resources included with unit	<ul style="list-style-type: none">• Handout• Trainers' notes• Slides• Materials evaluation form

	<ul style="list-style-type: none"> • Workshop evaluation form • Copyright statement
Additional trainer resources	
Equipment needed	PC and LCD or overhead projector
Comments	-