

ITRAINONLINE MMTK

Trainers' notes: Access Point Configuration

Developed by: Sebastian Buettrich, wire.less.dk

Introduction	How to configure wireless access points and routers based on general principles and clear motivations.
Timing/duration	Circa 1-2 hours presentation, minimum 2 hours for hands-on exercise, preferably half a day for the latter.
Content outline and main topics covered	<ul style="list-style-type: none">• Configuring The Radio (1 hour)• Channel Setting• (E)SSID Setting• Configuring The IP Network• IP Address Setting • More Advanced Settings (30-60 minutes)• MAC Filtering• WEP Setting• RTS Setting • Examples• Web configuration (1 hour)
Target audience	Network administrators.
Prerequisite skills/knowledge	<ul style="list-style-type: none">• Some English (standard language of configuration interfaces)• Familiarity with using a web browser and connecting to a network.• Understanding of TCP/IP, IP addresses, etc.• Understanding of basic concepts of frequency, channel, wireless infrastructure topologies, etc.
Unit objectives/expected outcomes	By the end of the session participants should be able to configure a wireless access point, preferably for more than one brand / interface.
Pre-workshop activities	
Notes on using exercises	Preferably group based work, assisted by frontal demonstration, which might involve volunteer participants.
Resources included with unit	<ul style="list-style-type: none">• Handout• List of additional resources

	<ul style="list-style-type: none"> • Trainers' notes • Exercises • Materials evaluation form • Workshop evaluation form • Copyright statement
Additional trainer resources	AP manuals
Equipment needed	<ul style="list-style-type: none"> • PC and LCD projector • APs/Routers for hands-on activities.
Comments	-