

Module1 :Introduction

About Mikrotik
First time accessing the router
RouterOS command line interface (CLI)
RouterOS CLI principles
Initial configuration (Internet access)
Upgrading RouterOS
Manage RouterOS logins
Manage RouterOS services
Managing configuration backups
Reinstalling a RouterOS device (Netinstall)
RouterOS License Levels
Laboratory

Module2 :DHCP

DHCP server and client
Address Resolution Protocol (ARP)
laboratory

Module3 :Bridging

Bridging overview
Bridge wireless networks
laboratory

Module4 :Routing

Routing overview
Static routing
laboratory

Module 5 :Wireless

802.11a/b/g/n/ac Concepts
Setup a simple wireless link
Wireless Security and Encryption

Monitoring Tools
laboratory

Module 6 :Firewall

Firewall principles
Firewall Filter in action
Basic Address-List
Source NAT
Destination NAT
FastTrack
laboratory

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Module 7 :QOS

Simple Queue
One Simple queue for the whole network (PCQ)
laboratory

Module 8 :Tunnels

PPP settings
IP pool
Secure local network
Point-to-point addresses
Secure remote networks communication
laboratory

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Module 9 :Misc

RouterOS tools
Monitoring
laboratory

Sample exam training

Final exam