

سرفصل های دوره MTCNA :

Module 1: Mikrotik RouterOS Introduction

- TCP/IP Basics - Internet Sharing
- Winbox - Webbox -Terminal
- Upgrade RouterOS - Manage services
- Backup and Restore - RouterOS license
- NTP client configuration - Netinstall

Module 2 :Firewall

- Firewall Filtering - connection tracking
- Basic Address-List - Source NAT
- Destination NAT - NAT limitations

Module 3: QOS

- Simple Queue - Traffic Prioritization
- Simple Mangle and Tree Queue
- PCQ setup - Bandwidth Test - Monitoring

Module 4: Network Management

- ARP - DHCP server and client - HotSpot
- Proxy – Store - RouterOS tools

Module 5: Wireless

- Wireless Concepts - MikroTik wireless protocols
- Setup simple wireless link
- MAC-address filtering
- Security - Encryption - Monitoring

Module 6 :Bridging

- remote networks & Bridging concepts - Bridge wireless

Module 7: Routing

Routing overview - Static routing - OSPF •
Using Load Balancing and ECMP •

Module 8: Tunnels

Secure local network - PPP settings - IP pool •
Secure remote networks communication •

Module 9 :RADIUS

RADIUS client - RADIUS server •
User Manager - RADIUS incoming •

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