



**MTCNA**

## **Module 1**

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This module provides an introduction to MikroTik technology, introducing its products, exploring RouterBOARD and RouterOS, how to access the device, make simple configurations, manage the device, update it, and save a backup.

This module covers the following course content topics:

- About MikroTik
  - What is RouterOS
  - What is RouterBoard
- First time accessing the router
  - WinBox and MAC-WinBox
  - WebFig and Quick Set
  - Default configuration
- RouterOS command line interface (CLI)
  - Null Modem cable
  - SSH and Telnet
  - New terminal in WinBox/WebFig
- RouterOS CLI principles
  - <tab>, double <tab>, "?", navigation
  - Command history and its benefits
- Upgrading RouterOS
  - Package types
  - Ways of upgrading
  - RouterBOOT firmware upgrade

- Router identity
- Manage RouterOS logins
- Manage RouterOS services
- Managing configuration backups
  - Saving and restoring the backup
  - Difference between a backup and an export (.rsc) file
  - Editing an export file
- Resetting a RouterOS device
- Reinstalling a RouterOS device (Netinstall)
- RouterOS license levels
- Sources of additional information
  - [wiki.mikrotik.com](http://wiki.mikrotik.com)
  - [forum.mikrotik.com](http://forum.mikrotik.com)
  - [mum.mikrotik.com](http://mum.mikrotik.com)
  - Distributor and consultant support
  - [support@mikrotik.com](mailto:support@mikrotik.com)