

# MTCNA

CERTIFICATE NUMBER : CERT0593620256



This is to certify that :

**Banyu Handika**

Has completed a 24 hours program of Mikrotik MTCNA + Exam Training at the IDN.ID Training Center, Jakarta, on 22, 23, 24 Desember 2025  
The student was able to obtain proficiency :

## 1. Introduction

- First time accessing the router + LAB
- Setup internet connection via router + LAB
- TCP/IP Basics
- Upgrade RouterOS logins + LAB
- Manage routerOS services
- Backup and export/import configuration + LAB
- RouterOS license
- NTP client configuration
- Netinstall + LAB

## 2. RouterOS firewall

- Firewall principles
- Firewall filter in action
- RouterOS connection tracking
- Basic address list + LAB Source NAT
- Destination NAT

## 3. RouterOS QoS

- Simple Queue + LAB
- Bandwidth test + LAB
- Interface traffic monitor
- PCQ Queueing

## 4. RouterOS Network Management

- ARP modes
- RouterOS ARP table
- DHCP server and client + LAB

## 5. RouterOS Wireless

- Setup simple wireless link + LAB
- MAC address filtering + LAB
- MAC address filtering + LAB
- MikroTik wireless protocols + LAB

## 6. RouterOS Bridging

- Bridging concepts + Lab
- Bridge wireless networks + LAB
- Bridge wireless and remote networks + LAB

## 7. RouterOS Routing

- Routing overview
- Static routing

## 8. RouterOS Tunnels

- Tunnel Overview
- PPPoE
- PPTP
- L2TP
- EoIP

24 Desember 2025



**ID-Networkers**  
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**Dedi Gunawan**

CEO of IDN.ID Training Center

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