



MikroTik Certified IPv6 Engineer

Online Course



ZETLAN TECHNOLOGIES
www.zetlantech.com

Course Modules

1.Introduction

- Attacks, mechanisms and services
- The most common threats
- RouterOS security deployment

2.Firewall

- Packet flow, firewall chains
- Stateful firewall
- RAW table
- SYN flood mitigation using RAW table
- RouterOS default configuration
- Best practices for management access
- Detecting an attack to critical infrastructure services
- Bridge filter
- Advanced options in firewall filter
- ICMP filtering

3.OSI Layer Attacks

- MNDP attacks and prevention
- DHCP: rogue servers, starvation attacks and prevention
- TCP SYN attacks and prevention
- UDP attacks and prevention
- ICMP Smurf attacks and prevention
- FTP, telnet and SSH brute-force attacks and prevention
- Port scan detection and prevention

4.Cryptography

- Introduction to cryptography and terminology
- Encryption methods
- Algorithms - symmetric, asymmetric
- Public key infrastructure (PKI)
- Certificates
- Self-signed certificates
- Free of charge valid certificates
- Using the certificates in RouterOS



5. Securing the Router

- Port knocking
- Secure connections (HTTPS, SSH, WinBox)
- Default ports for the services
- Tunneling through SSH

6. Secure Tunnels

- Introduction to IPsec
- L2TP + IPsec
- SSTP with certificates



Zetlan Technologies



**LEARN
REMOTELY!!**

The efficiency of online learning
in terms of time management,
flexibility, and the ability
to access resources anytime,
anywhere can be compelling.



ZETLAN TECHNOLOGIES
www.zetlantech.com

For contact: +91 8680961847
+91 9600579474

