

**KL 036.2.1:**

# Kaspersky Secure Mail Gateway

## Featured products

- Kaspersky Secure Mail Gateway 2.1

## Course description

This training course is intended for administrators who need to protect corporate email traffic from malicious objects and spam, while preventing confidential data leaks. This course explains how to integrate the product into an existing infrastructure, protect email, and configure incoming mail verification using SPF, DKIM and DMARC.

## Duration

1 day

## Requirements for participants

Basic knowledge of email protocols and mail server operation principles.

Basic understanding of network technologies: TCP/IP, DNS. Basic knowledge of cybersecurity principles.

# Contents

## 1. Introduction

- 1.1. Email operation principles
- 1.2. Protection against mail threats
- 1.3. Kaspersky Secure Mail Gateway operation principles

## 2. Chapter 1. How to deploy Kaspersky Secure Mail Gateway

- 2.1. OS installation and configuration (VA)
- 2.2. Installing KSMG as an rpm/deb package (SA)
- 2.3. Configuring an email relay (VA)

### Lab 1. Install Kaspersky Secure Mail Gateway

- 2.4. Initial setup, activation

### Lab 2. Install the license key

### Lab 3. Configure mail traffic

### Lab 4. Check health of Kaspersky Secure Mail Gateway

### Lab 5. Configure connection to Active Directory

## 3. Chapter 2. Protection management

- 3.1. Lists
- 3.2. Anti-Spam
- 3.3. Anti-Virus and Links scanning

### Lab 6. Lists

### Lab 7. Header analysis and Anti-Spam

### Lab 8. Configure Anti-Virus

- 3.4. Anti-Phishing, Content Filtering and Mail Sender Authentication

### Lab 9. Content Filtering

### Lab 10. Configure sender authentication for incoming mail

## 4. Chapter 3. Maintenance

- 4.1. Dashboard, logs and reports
- 4.2. Notifications and warnings
- 4.3. Backup

### Lab 11. Configuring the dashboard

## 5. Chapter 4. Advanced settings

- 5.1. Encryption and DKIM
- 5.2. Accounts

### Lab 12. Set up access for a HelpDesk employee

- 5.3. Scaling and maintenance
- 5.4. Integration with other systems