KL 031.51:

Kaspersky Security for Virtualization. Light Agent

Featured applications

- Kaspersky Security for Virtualization 5.1. Light Agent
- Kaspersky Security Center 12

Course description

This course introduces the architecture and capabilities of the solution, and explains how to install and configure it.

Our course consists of theoretical materials that describe operation and configuration principles, and hands-on labs that provide practical experience.

Upon successful completion of the course, participants will be able to:

- Explain the benefits of specialized solutions designed for virtual environments
- Deploy Kaspersky Security for Virtualization. Light Agent for demo purposes
- Demonstrate functionality of the solution
- Explain principles of deploying the solution in large virtual environments

Duration

1 day

Requirements for participants

The course is designed for technical support and pre-sales engineers. Attendees are required to possess:

- Basic understanding of networking technologies, such as TCP/IP, DNS, email, web
- Basic knowledge of Windows and Linux administration
- Basic knowledge of information security principles

Contents

1. Introduction

- Virtualization
- Protection for virtual machines
- Kaspersky Security for Virtualization | Light Agent: structure and operation principles

2. Deployment

- Deployment planning
- Pre-installation
- Installing Protection Servers. Deploying Light Agents
- Lab 1. Preparing for the Protection Server installation
- Lab 2. Installing the Protection Server
- Lab 3. License installation
- Lab 4. Pre-installation for Light Agent
- Lab 5. Installing the Light Agent on a persistent virtual machine
- Lab 6. Installing the Light Agent on Linux
- Lab 7. Protection for network folders
- Lab 8. Protecting non-persistent virtual machines

3. Management

- Kaspersky Security for Virtualization | Light Agent: Management principles
- Configuration of protection parameters (compared to Kaspersky Endpoint Security)
- Monitoring
- Integrity monitoring
- Lab 9. Dynamic mode for VDI
- Lab 10. Real-time integrity monitoring
- Lab 11. Task-based integrity check

4. Scaling and maintenance

- Protection server discovery by Light Agents
- Encrypting connections
- Balancing the load between the Protection Servers
- Compatibility with cluster functions of hypervisors
- Additional settings