Гайд по установке Kaspersky EDR Expert (on-premise)

> ?????????? ?????????? ?? ?????? ??????????? ???????????? KEDR 8.3 ? ????? ????????????.
> ???? ???????????: 10.11.2026

Часть 1. Типы установки

Параметр	Стандартная конфигурация (несколько узлов)	Демонстрационная конфигурация (один узел)
СУБД PostgreSQL	?????????????? **вне кластера Kubernetes** ?? ????????? ???????	?????????????? ?? ????? ????? ? **кластером Kubernetes**
Минимальное количество узлов	1 ????????? + 3 ??????? ???? + ?????? ???? + 1 ???? ????????????? (???????????)	1 ???? (??? ?????????? ?? ????? ??????????) + 1 ???? ????????????? (???????????)
Назначение	???????????? ????????????	????????????, ????????????, ????????

Роли узлов:

- **Узел администратора** - ?????????? ? ???????? KDT (Kaspersky Deployment Toolkit) ??? ????????????? ? ?????????? ???????????? OSMP.
- **Primary/master/controller/первичный рабочий узел** - ???? ???????????, ????????????? ?????????? ????????? k0s.
- **Worker/рабочий узел** - ???? ???????? k0s ? ???????? ?????????.
- **DB/СУБД** - ?????? ? ???? ??? ???????? OSMP.
- **KUMA services/устройство с сервисами KUMA** - ?????????? ? ????????????? ????????? KUMA: ?????????, ??????????, ????????? (? ?????? KEDR ?????? ? ?????? Kubernetes ????????).
- **Целевые устройства** - ??????????, ?? ??????? ????????????? OSMP (??? ???????????????? ????)

Часть 2. Критические требования инфраструктуры

2.1. СУБД PostgreSQL

Параметр	Требование
Расположение	????????????? ??? ???????? Kubernetes (?????????? ???????????)
Привилегированная учётная запись	????????? ??????? ?????? ? ??????? ???????????????? ??? ???????? ??? ?????? ?? ????? ?????????????
Поддержка кластеров	????????????? ?????????? ?????????? (??????? 3 ????, ???????? 15).
Дисковая подсистема	SSD/NVMe ?????????????

2.2. Сетевые требования

Требование	Описание
Широковещательный домен	??? ??????? ?????????? ???????? Kubernetes **должны находиться в одном широковещательном домене** (???? L2-????)
Статические IPv4-адреса	??? ???? ???????? ? ???? Kubernetes ?????? ????? ??????????? IPv4-?????? ? ????? ???????
Синхронизация времени	??????? ?? ??????? ????? ?????? ?? ?????? ????????? 5 ?????? (????????????? ???????????? NTP)
DNS	?????? ???? ????????? ???? ??? ?????? smp_domain (????????, smp.local) ? ???????? ??? ???? ????????

2.3. Аппаратные требования (минимальные)

Компонент	Процессор 3 ГГц	ОЗУ	Дисковая подсистема

??? ?????????? ?? ????? ???? (??????????????? ???????????)	8 ????	56 ??	2530 ??

??? ??????????? ????????????? ??????? ?????????, ??? ????????? ???????? ?????????? (??????????? KEDR) ???????????? ????? ?????????? BMI, AVX ? SSE 4.2.

2.4. Программные требования

?????????? ? ???????????? ??????????? ? ????????????? ???????? ? ??????????

Операционная система	OSMP с компонентами KUMA
	????????????? ????????? 64-????????? ?????? ???????????? ??????: • Ubuntu Server 24.04 LTS. • Ubuntu Server 26.04 LTS. • Astra Linux Special Edition ????.10015-01 (????????? ?????????? 1.8.5).

Платформы виртуализации

Название платформы виртуализации	OSMP	Sandbox (опционально)
VMware ESXi 7.0.3	????.	????.
Hyper-V для Windows Server 2022	????.	???.
ПК СВ "Брест" 3.3	????.	????.
"РЕД Виртуализация" 7.3	????.	????.
zVirt Node 4.2	???.	????.
zVirt Node 4.5	????.	???.
Nutanix 7.3	????.	???.
Proxmox Virtual Environment 9.1.1	????.	???.

Система управления базами данных (СУБД)	PostgreSQL 17.9 64-?????????. PostgreSQL 18.4 64-?????????. Postgres Pro 18 Enterprise 64-????????? (??????? Built-in High Availability). Corosync/Pacemaker ????????????? ??? ???? ????????????? ?????? PostgreSQL.

Часть 3. Подготовка устройств

?????????? ???? ???????? (swap) ? ??????????? ??????: **sudo swapoff -a**

Устройство администратора:

????????? ?????????? ????????????? ? ???????.

????????? ???????????? ??????? ?? ?????????? ??????????????:

```
sudo apt update
sudo apt install -y python3
```

?????????? ????? ??? Docker ?????? 25 ??? ????. ??????:

```
sudo apt install docker.io

sudo usermod -aG docker $USER
newgrp docker
```

????????? SSH-????? (??? ????????? ?????):

```
ssh-keygen -t rsa -b 4096 -f ~/.ssh/id_rsa -N ""
```

?????????? ???? ?? ??? ??????? ??????????:

```
ssh-copy-id username@<IP_????????_??????????>

# ???????? ?????????? ??? ??????
ssh username@<IP_????????_??????????> "sudo whoami"
```

??? ????????? ?? ??????? ?????? **root** ?????????, ??? ???? ?? ??????? ??????????? ????????????? ?? ???? **/root/.ssh/authorized_keys**

Целевые устройства (OSMP):

???????? cgroup v2:

```
mount | grep cgroup
# ?????? ????: cgroup2 on /sys/fs/cgroup type cgroup2
```

????????? SELinux (???? ??????????):

```
# ???????? ???????
sudo getenforce

# ?????????? (????????? ???????????)
sudo setenforce 0 sudo sed -i 's/^SELINUX=enforcing/SELINUX=disabled/' /etc/selinux/config
```

????????? ??? ? ??? (Astra Linux):

```
#?????????? ??? (?????????? ???????? ??????????)
sudo astra-mic-control disable

#?????????? ??? (????????? ?????????? ?????)
sudo astra-digsig-control disable

sudo reboot
```

????????? proxy (???? ?????????):

```
# ????????????? /etc/environment
sudo nano /etc/environment

# ????????:
HTTP_PROXY="http://proxy.example.com:8080"
HTTPS_PROXY="http://proxy.example.com:8080"
NO_PROXY="localhost,127.0.0.1,<IP_??????_?????_????????>"
```

????????? firewall (???? ????????????) ???????? ??????.

??? ?????????? firewall'? ?????????:

```
sudo systemctl stop ufw
sudo systemctl disable ufw
```

????????? ???????????? ???????:

```
# ????? ?????? ??? ???? ?????:
sudo apt update
sudo apt install -y sudo nfs-common cron tar open-iscsi python3-cffi-backend python3-cryptography python3-
netaddr python-apt-common systemd cryptsetup-bin cryptsetup netcat-traditional containerd

# ?????????, ??? ?? ?????? ??????? ???? ?????????? ?????? python3-apt ? libnfs ? curl
```

????????? ????????????? sudo:

```
# ??? ????????????, ??????? ????? ????????????? KDT:
echo "username ALL=(ALL) NOPASSWD: ALL" | sudo tee -a /etc/sudoers

#??? ???????? ??????? ?????? ????? ?????????? ???????? ?????????? (sudo) ??? ????? ??????
```

????????? ????????????? ???????:

```
sudo timedatectl set-ntp true
```

????????? IP-????????????? (?????? ??? ?????????? ???? ? UFW):

```
# ? ????? /etc/default/ufw ??????????:
DEFAULT_FORWARD_POLICY="ACCEPT"

# ????????? ?????????:
sudo ufw reload
```

????????? ??????? ?????? systemd-resolved ? ???? ?? ?????? DNS ???????:

```
sudo systemctl status systemd-resolved

sudo resolvectl status
```

СУБД PostgreSQL:

????????? ???????????? ???????:

```
sudo apt update
sudo apt install -y postgresql
```

????????? ?????????? ? **postgresql.conf:**

```
sudo nano /etc/postgresql/<??????>/main/postgresql.conf

# ????????????? ????????? ?????????:
listen_addresses = '*'
port = 5432
max_connections = 512
shared_buffers = 8GB                  # 25% ?? ???, ??????? 3 ??
temp_buffers = 24MB
work_mem = 64MB
maintenance_work_mem = 1GB
max_stack_depth = 7MB                 # ??? Linux: ulimit -s ????? 1 ??
effective_io_concurrency = 200        # 200 ??? SSD ??? 2 ??? HDD
max_parallel_workers_per_gather = 0
wal_buffers = 64MB
max_wal_size = 4GB
min_wal_size = 1GB
random_page_cost = 1.1                # 1.1 ??? SSD ??? 4.0 ??? HDD
effective_cache_size = 24GB           # 75% ?? ???
log_hostname = 1
standard_conforming_strings = on      # ??????????? ?????? ???? 'on'
```

??? ????????? ????????????? ????? ?? ??????:

```
#??? SSD
VER=$(ls -d /etc/postgresql/[0-9]* 2>/dev/null | sort -V | tail -n 1 | grep -oE '[0-9]+'); RAM_MB=$(free -m |
awk '/^Mem:/{print $2}'); SB=$((RAM_MB/4 < 3072 ? 3072 : RAM_MB/4)); EC=$((RAM_MB*3/4));
CONF=/etc/postgresql/$VER/main/postgresql.conf; sudo sed -i -e
"s|^\s*#\?\s*listen_addresses\s*=.*|listen_addresses = '*'|" -e "s|^\s*#\?\s*port\s*=.*|port = 5432|" -e
"s|^\s*#\?\s*max_connections\s*=.*|max_connections = 512|" -e "s|^\s*#\?\s*shared_buffers\s*=.*|shared_buffers
= ${SB}MB|" -e "s|^\s*#\?\s*temp_buffers\s*=.*|temp_buffers = 24MB|" -e "s|^\s*#\?\s*work_mem\s*=.*|work_mem =
64MB|" -e "s|^\s*#\?\s*maintenance_work_mem\s*=.*|maintenance_work_mem = 1GB|" -e
"s|^\s*#\?\s*max_stack_depth\s*=.*|max_stack_depth = 7MB|" -e
"s|^\s*#\?\s*effective_io_concurrency\s*=.*|effective_io_concurrency = 200|" -e
"s|^\s*#\?\s*max_parallel_workers_per_gather\s*=.*|max_parallel_workers_per_gather = 0|" -e
"s|^\s*#\?\s*wal_buffers\s*=.*|wal_buffers = 64MB|" -e "s|^\s*#\?\s*max_wal_size\s*=.*|max_wal_size = 4GB|" -e
"s|^\s*#\?\s*min_wal_size\s*=.*|min_wal_size = 1GB|" -e "s|^\s*#\?\s*random_page_cost\s*=.*|random_page_cost =
1.1|" -e "s|^\s*#\?\s*effective_cache_size\s*=.*|effective_cache_size = ${EC}MB|" -e
```

```
"s|^\s*#\?\s*log_hostname\s*=.*|log_hostname = 1|" -e
"s|^\s*#\?\s*standard_conforming_strings\s*=.*|standard_conforming_strings = on|" $CONF && for P in
"listen_addresses='*'" "port=5432" "max_connections=512" "shared_buffers=${SB}MB" "temp_buffers=24MB"
"work_mem=64MB" "maintenance_work_mem=1GB" "max_stack_depth=7MB" "effective_io_concurrency=200"
"max_parallel_workers_per_gather=0" "wal_buffers=64MB" "max_wal_size=4GB" "min_wal_size=1GB"
"random_page_cost=1.1" "effective_cache_size=${EC}MB" "log_hostname=1" "standard_conforming_strings=on"; do
N=${P%=*}; V=${P#*=}; grep -q "^\s*#\?\s*$N\s*=" $CONF || echo "$N = $V" | sudo tee -a $CONF > /dev/null; done
&& sudo systemctl restart postgresql

# ??? HDD
VER=$(ls -d /etc/postgresql/[0-9]* 2>/dev/null | sort -V | tail -n 1 | grep -oE '[0-9]+'); RAM_MB=$(free -m |
awk '/^Mem:/{print $2}'); SB=$((RAM_MB/4 < 3072 ? 3072 : RAM_MB/4)); EC=$((RAM_MB*3/4));
CONF=/etc/postgresql/$VER/main/postgresql.conf; sudo sed -i -e
"s|^\s*#\?\s*listen_addresses\s*=.*|listen_addresses = '*'|" -e "s|^\s*#\?\s*port\s*=.*|port = 5432|" -e
"s|^\s*#\?\s*max_connections\s*=.*|max_connections = 512|" -e "s|^\s*#\?\s*shared_buffers\s*=.*|shared_buffers
= ${SB}MB|" -e "s|^\s*#\?\s*temp_buffers\s*=.*|temp_buffers = 24MB|" -e "s|^\s*#\?\s*work_mem\s*=.*|work_mem =
64MB|" -e "s|^\s*#\?\s*maintenance_work_mem\s*=.*|maintenance_work_mem = 1GB|" -e
"s|^\s*#\?\s*max_stack_depth\s*=.*|max_stack_depth = 7MB|" -e
"s|^\s*#\?\s*effective_io_concurrency\s*=.*|effective_io_concurrency = 2|" -e
"s|^\s*#\?\s*max_parallel_workers_per_gather\s*=.*|max_parallel_workers_per_gather = 0|" -e
"s|^\s*#\?\s*wal_buffers\s*=.*|wal_buffers = 64MB|" -e "s|^\s*#\?\s*max_wal_size\s*=.*|max_wal_size = 4GB|" -e
"s|^\s*#\?\s*min_wal_size\s*=.*|min_wal_size = 1GB|" -e "s|^\s*#\?\s*random_page_cost\s*=.*|random_page_cost =
4.0|" -e "s|^\s*#\?\s*effective_cache_size\s*=.*|effective_cache_size = ${EC}MB|" -e
"s|^\s*#\?\s*log_hostname\s*=.*|log_hostname = 1|" -e
"s|^\s*#\?\s*standard_conforming_strings\s*=.*|standard_conforming_strings = on|" $CONF && for P in
"listen_addresses='*'" "port=5432" "max_connections=512" "shared_buffers=${SB}MB" "temp_buffers=24MB"
"work_mem=64MB" "maintenance_work_mem=1GB" "max_stack_depth=7MB" "effective_io_concurrency=200"
"max_parallel_workers_per_gather=0" "wal_buffers=64MB" "max_wal_size=4GB" "min_wal_size=1GB"
"random_page_cost=1.1" "effective_cache_size=${EC}MB" "log_hostname=1" "standard_conforming_strings=on"; do
N=${P%=*}; V=${P#*=}; grep -q "^\s*#\?\s*$N\s*=" $CONF || echo "$N = $V" | sudo tee -a $CONF > /dev/null; done
&& sudo systemctl restart postgresql
```

?????????? ?????????? ??????????? ? ????:

```
sudo nano /etc/postgresql/<??????>/main/pg_hba.conf

# ? ?????? 'IPv4 local connections' ????????????? ????????:
host    all    all    0.0.0.0/0    scram-sha-256
```

?????????? ??????:

```
sudo systemctl restart postgresql
```

???????? ???????????????? ??????? ??????:

```
# ???????????? ? PostgreSQL:
sudo -u postgres psql

# ???????? ??????? ?????? ? ??????? ???????????????? ? ????, ????????:
CREATE USER <kaspersky_admin> WITH PASSWORD '<StrongPassword123!>' SUPERUSER;
CREATE DATABASE <kaspersky_admin> OWNER <kaspersky_admin>;
```

Подготовка инфраструктуры:

1. ????????????? IP-????? ?? ??? ?? ???????, ??? ? ? ???????? Primary/Worker. ????? ?????? ???? ???????? ? ????? ???????? ? ???????? ????????? (??????????? ? ????? **param.yaml** ? ???? **ingress_ip**).

2. ???????? ? DNS-???? ????? ??????????? (?????????????? ??????? ????????) ????????? ??????:

```
console.<smp_domain> <ingress_ip>
admsrv.<smp_domain> <ingress_ip>
api.<smp_domain> <ingress_ip>
monitoring.<smp_domain> <ingress_ip>
updater.<smp_domain> <ingress_ip>
agentserver.<smp_domain> <ingress_ip>
kuma.<smp_domain> <ingress_ip>
*.kuma.<smp_domain> <ingress_ip>
```

???, **<smp_domain>** - ????? ??? ???????? ????? ??????????? (?????? ????? ?????? ???? ?????? ? ????? ?????????? (param.yaml) ? ??????????? ???? **smp_domain**), ? **<ingress_ip>** - ???????????????? IP ?? ??????????? ??????.

> ???????? ????????, ??? ??? ????? **kuma** ?????????? ??????? wildcard (*) ?? DNS-???????

Часть 4. Этапы установки

Подготовка файла param.yaml:

> ??? ?????????? ?????? KDT ? ?????????????? ?????? ???????? ?????? ?????? ? ????? ?????

Формат файла для стандартной конфигурации с сервисами KUMA внутри кластера

```
schemaType: ParameterSet
schemaVersion: 1.0.1
namespace: ""
name: bootstrap
project: xdr
nodes:
  - desc: cdt-primary1
    type: primary
    host: "<IPv4_??????????_????>"
    access:
      ssh:
        user: "<???_???????????>" # ?? ????????? root
        key: "<????_?_?????????_?????>" # ?? ????????? /root/.ssh/id_rsa
  - desc: cdt-w1
    type: worker
    host: "<IPv4_????????_????_1>"
    access:
      ssh:
        user: "<???_???????????>"
        key: "<????_?_?????????_?????>"
  - desc: cdt-w2
    type: worker
```

```
    host: "<IPv4_????????_????_2>"
    access:
      ssh:
        user: "<???_???????????>"
        key: "<????_?_?????????_?????>"
    kuma_roles: ["storage"]  # ????????? ?????????? ?? ???? ?????
  - desc: cdt-w3
    type: worker
    host: "<IPv4_????????_????_3>"
    access:
      ssh:
        user: "<???_???????????>"
        key: "<????_?_?????????_?????>"
parameters:
  - name: psql_dsn
    source:
      value: "postgres://<dbms_username>:<password>@<fqdn_????>:<????_????>" # ???? ?????? ????????
???????????, ?? ?????????? ???????? ? URI ?????????
  - name: ingress_ip
    source:
      value: "<IPv4_?????_????????_Kubernetes>" # ????? ???????????????? ingress_ip
  - name: ssh_pk
    source:
      path: "<????_?_?????????_?????_??_??????????_?????????????>"
  - name: admin_password
    source:
      value: "<??????_???????_??????_admin>"
  - name: core_disk_request
    source:
      value: 100Gi
  - name: metrics_disk_request
    source:
       value: 80Gi
  - name: inventory
    source:
      value: "/dev/null"  # ??? ??????? KUMA ????? ?????? ???????? Kubernetes
  - name: license
    source:
      value: "<????_?_?????????????_?????>" # ????????????? ???? ????????????? ? license.key
  - name: smp_domain
    source:
      value: "<????????_???>"
  - name: pki_host_list
    source:
      value: "admsrv api console kuma monitoring agentserver updater"
  - name: grafana_admin_user
    source:
      value: <???_???????????>
  - name: grafana_admin_password
    source:
      value: "???_??????"
```

Формат файла для демонстрационной конфигурации с сервисами KUMA внутри кластера

```
schemaType: ParameterSet
schemaVersion: 1.0.1
namespace: ""
name: bootstrap
project: xdr
nodes:
```

```
    - desc: cdt-1
      type: primary-worker
      host: "<IPv4_????????????_????>"
      access:
        ssh:
          user: "<???_????????????>" # ?? ????????? root
          key: "<????_?_?????>" # ?? ????????? /root/.ssh/id_rsa
  parameters:
    - name: psql_dsn
      source:
        value: "postgres://<dbms_username>:<password>@<fqdn_????_?_????????>:<????>"  # ???? ?????? ????????
  ???????????, ?? ?????????? ???????? ? URI ?????????
    - name: ingress_ip
      source:
        value: "<IPv4_?????_????????_Kubernetes>" # ????? ???????????????? ingress_ip
    - name: ssh_pk
      source:
        path: "<????_?_?????>"
    - name: admin_password
      source:
        value: "<??????_???????_??????_admin>"
    - name: inventory
      source:
        value: "/dev/null" # ??? ??????? KUMA ????? ?????? ???????? Kubernetes
    - name: license
      source:
        value: "<????_?_????????????_?????>" # ????????????? ???? ????????????? ? license.key
    - name: smp_domain
      source:
        value: "<????????_???>"
    - name: pki_host_list
      source:
        value: "admsrv api console kuma monitoring agentserver updater"
    - name: low_resources
      source:
        value: "true"
    - name: openbao_ha_mode
      source:
        value: "false"
    - name: default_class_replica_count
      source:
        value: "1"
    - name: grafana_admin_user
      source:
        value: "<???_???????????>"
    - name: grafana_admin_password
      source:
        value: "<??????_????????????>"
```

Установка

1. ????????? ?? ?????????? ????????????? ????????? ?????:

- `bin.tar.gz` - ????? ? ???????? KDT, ???????????? ??? ????????????? ? ????????? ?????????? ???????????
- `xdr-<version>.tar.gz` - ???????????? ????? ? ???????????? SMP
- `license.key` - ???? ????????

2. ?????????? ????? `bin.tar.gz`

```
tar -xzf bin.tar.gz
```

3. ????? ????? kdt ????? ?? ??????????:

```
chmod +x ./kdt
```

4. ????????? ????????? ????????:

```
./kdt apply -k <?????? ???? ? ????????????? ??????> -i <?????? ???? ? ????? ???????????? param.yaml> --accept-eula

#??? ????????? ?? ?? root ???????? ???? --allow-root
```

Часть 5. Базовые действия после установки

Первый вход в веб-интерфейс:

1. ???????? ? ???????? **https://console.<smp_domain>**
2. ??????? ??? ??????? ??????? **admin** ? ??????? ?? ????????? **admin_password** ? ????????? ????????? 2FA.

Активация лицензии в части KSC:

1. ? ??????? ???? ?????????? ??????? ?? ??? ??????? ????????????????. ????????? ???? ??????? ??????? ????????????????
2. ?? ??????? **Общие** ???????? ?????? **Лицензионные ключи**
3. ? ??????? **Действующая лицензия** ??????? ?? ?????? **Выбрать**
4. ? ??????????? ???? ???????? ???????????? ????, ??????? ?? ?????? ???????????? ??? ????????? Kaspersky EDR Expert (on-premise) 8.0. ???? ????????????? ????? ??? ? ??????, ??????? ?? ?????? **Добавить лицензионный ключ** ? ??????? ????? ???????????? ????
5. ??????? ?? ?????? **Сохранить**

Активация лицензии в части KUMA:

1. ? ??????? ???? ?????????? ????????? ? **Параметры**, ???????? ?????? **KUMA** ? ??????? **Открыть параметры KUMA**
2. ????????? ? ?????? **Лицензия** ? ?????????, ??? ???????? ?????????
3. ???? ???, ?? ??????? ?? ?????? ???????? ? ? ????????? ??????? ??? ????????? ??? ???? ????? KEDR

Предоставление доступа к функционалу Kaspersky EDR:

1. ? ??????? ???? ?????????? ????????? ? **Параметры**, ???????? ?????? **Тенанты** ? ??????? ?? **Root tenant**
2. ?? ??????? **Права доступа** ??????? ?? ?????? **Добавить пользователя**
3. ???????? ???????????? **admin** ? ???????????? ??? ???? **Главный администратор**
4. ??????? ?????? **Сохранить** ? ????? **Сохранить и закрыть**

Установка плагинов управления:

1. ????????? ?????? ?????????? ???????? ??????????? ??? OSMP ? ??????????? .tar ?? ???? ?????????????
2. ????????? ????????? ????????:

```
./kdt apply -k <?????? ???? ? tar-?????? ? ???????? ??????????>

#??? ????????? ?? ?? root ???????? ???? --allow-root
```

Обновление баз Kaspersky EDR:

1. ? ??????? ???? ?????????? ????????? ? **Параметры**, ???????? ?????? **Тенанты** ? ??????? ?? **Root tenant**
2. ?? ??????? **Параметры** ????????? ? **Параметры сканирования** ? ?? ??????? **Обновить базы**
3. ????????? ?????????? ? ????????? ????????? ???????

Подключение Sandbox:

1. ? ??????? ???? ?????????? ????????? ? **Параметры**, ???????? ?????? **Тенанты** ? ??????? ?? **Root tenant**
2. ?? ??????? **Параметры** ????????? ? **Серверы Sandbox** ? ??????? ?????? **Добавить**
3. ??????? IP-????? Sandbox 8 ??????, ???????? ?????????, ??????? ??????????? ???, ??????? ?????? **Добавить**
4. ? ???????? ????????? ? ????????????? ? ???-??????? Sandbox ? ??????? ?????? ?? ?????????? ? ??????? **Авторизация**
5. ? ??????? OSMP ?????????, ??? ?????? ??????????? ????????? ?? **Одобрено** ? ??????????? ?????? ?????????? ?????

Настройка политик для подключения телеметрии с конечных устройств:

1. ? ??????? ???? ?????????? ????????? ? **Управление активами - Политики**
2. ???????? ???????? ??? ???????? ?? ???????? ? ????????? ? **Параметры приложения**
3. ????????? ????? **Встроенные агенты** ? ????????? ? ????????? ??? **Endpoint Detection and Response Expert (on-premise)**
4. ?????????? ????????????? ? ?????? **ВКЛЮЧЕН.** ?????????? ????????????? ?????, ????? ????????? ?????????? ?? ???????? ????
5. ???????? **Endpoint Detection and Response Expert (версия 8.0 и выше)**
6. ??? ??????? **Подключение к серверам сбора телеметрии** ??????? ?????? **Добавить** ? ??????? **Выбрать сервер**
7. ? ?????????? ???? ???????? ???????????? ?????? ?????????? ? ??????? ?????? **Добавить**
8. ???? ????????? ???????? ??? ???????? ??????? ????????????
9. ??? ????????????? ????????? ?????? ?????? ???????? ? ????????? ?????????

Настройка политик для подключения Sandbox к конечным устройствам:

1. ? ??????? ???? ?????????? ????????? ? **Параметры**, ???????? ?????? **Тенанты** ? ??????? ?? **Root tenant**
2. ?? ??????? **Параметры** ????????? ? **Сертификаты** ? ??????? ?????? **Экспортировать** ?????????? ??????? ? ???? ?????????? Endpoint Agent, ?????? ??????
3. ? ??????? ???? ?????????? ????????? ? **Управление активами - Политики**
4. ???????? ???????? ??? ???????? ?? ???????? ? ????????? ? **Параметры приложения**
5. ????????? ????? **Встроенные агенты** ? ????????? ? ????????? ??? **Sandbox**
6. ?????????? ????????????? ? ?????? **ВКЛЮЧЕН.** ?????????? ????????????? ?????, ????? ????????? ?????????? ?? ???????? ????
7. ???????? ????? ?????????? **KATA Sandbox**
8. ??? ??????? **Подключение к серверам Sandbox** ??????? ?????? **Добавить** ? ??????? ????? ??????? **agentserver.<smp_domain>**

9. ??????? **Настройки подключения** ? ????????? ???????????????? ?????????? ???????. ? ???? ?? ???? ?????????? ???????? ????????????? ??????????? ????????????? ? ?????????? ?????????? Endpoint Agent ? ???????, ????????? ??? ??? ????????
10. ??? ????????????? ????????? ?????? ?????? ???????? ? ????????? ?????????

??????? ????????? ?????????. ?????????? ??????????? ?????????? KES ??? Windows 12.11 ? ????, KES ??? Linux 12.4, KES ??? Mac 12.2.1 ? ??????????? ? ?????? ? Kaspersky EDR Expert (on-premise).

Revision #48
Created 12 February 2026 13:13:52 by ??????
Updated 10 November 2026 13:13:32 by ??????