

Solar DAG

Управление доступом к данным

Версия 1.0

**Руководство по установке**

МОСКВА, 2024

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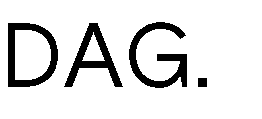
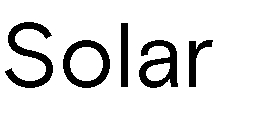
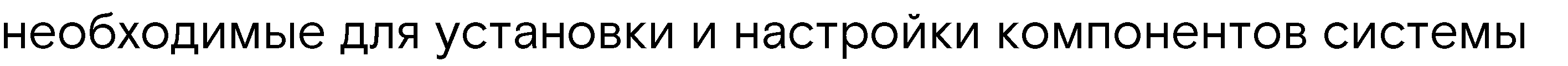
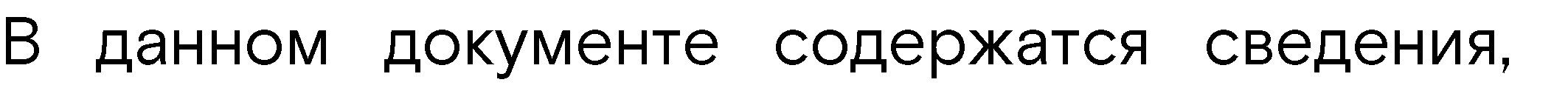
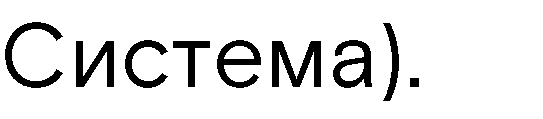
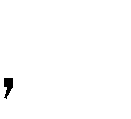
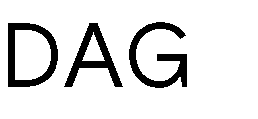
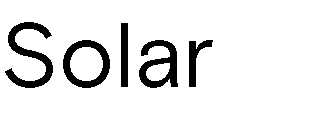
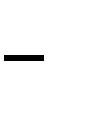
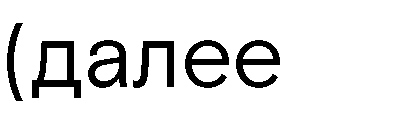
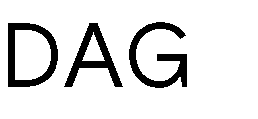
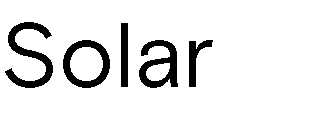
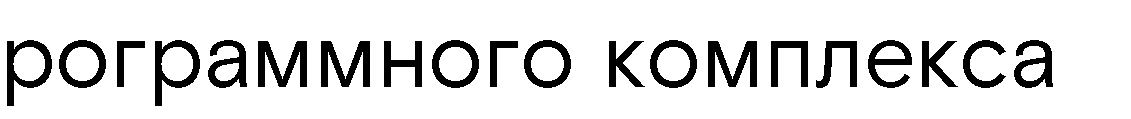
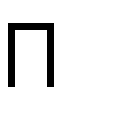
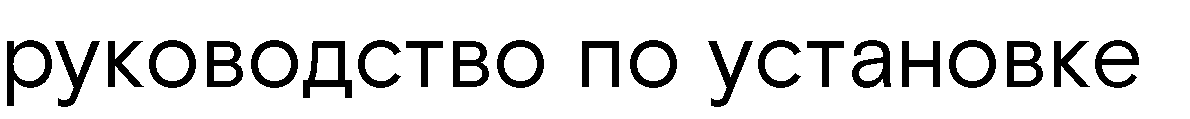
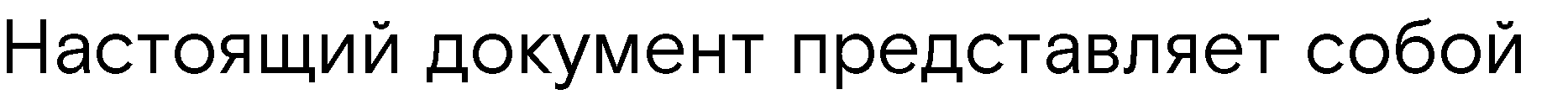
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# Аннотация



# Термины, сокращения и аббревиатуры

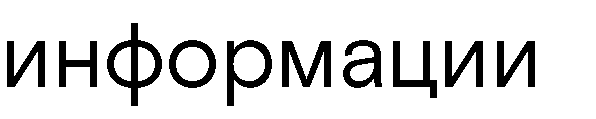
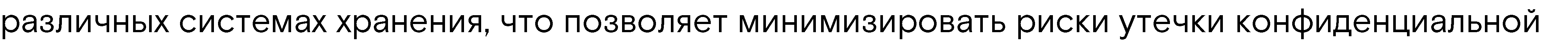
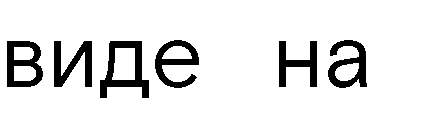
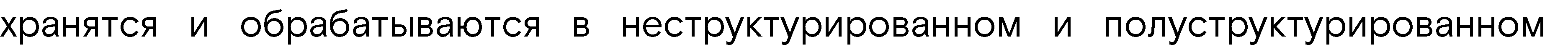
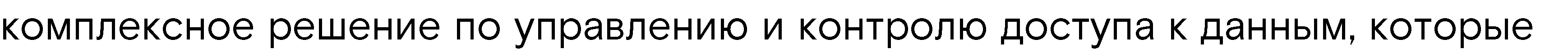
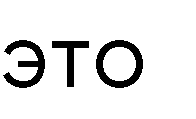
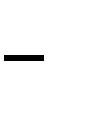
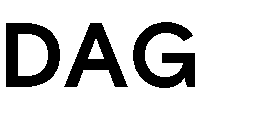
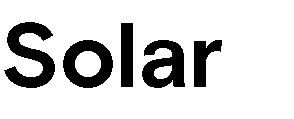
В настоящем руководстве используются следующие термины и сокращения (Табл. 1).

Табл. 1. Перечень терминов, сокращений и аббревиатур

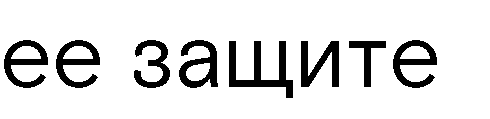
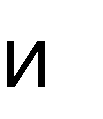
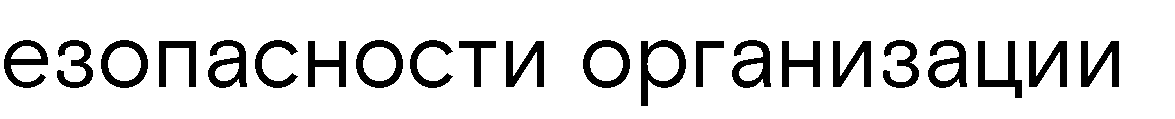
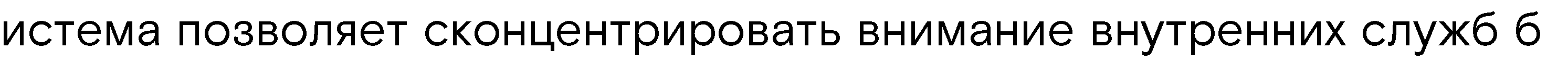
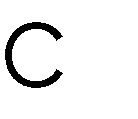
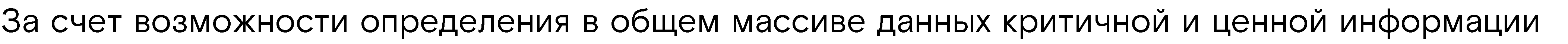
| № п/п | Термин / сокращение / аббревиатура | Определение / Расшифровка |
| --- | --- | --- |
|  | Авторизация | Предоставление и проверка прав на совершение каких-либо действий в системе |
|  | ПК | Персональный компьютер |
|  | VM | Virtual Machine |
|  | UI | User Interface |
|  | Log-файл | Текстовый файл с последовательной записью всех событий |
|  | DCAP | Data Centric Audit and Protection |
|  | Пользователь | Сотрудник предприятия, данные о котором обрабатываются в Solar DAG, имеет доступ к системе и права для работы в ней |
|  | УЗ | Учетная запись |
|  | БД | База данных |

# Общие сведения

## Назначение комплекса



**.**

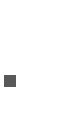
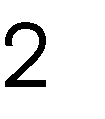
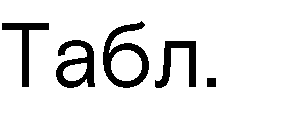
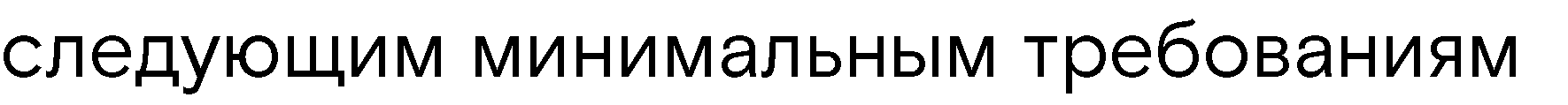
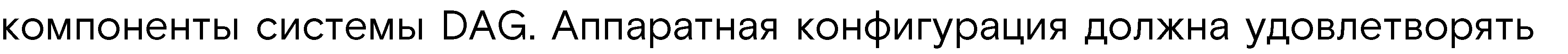
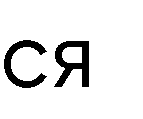
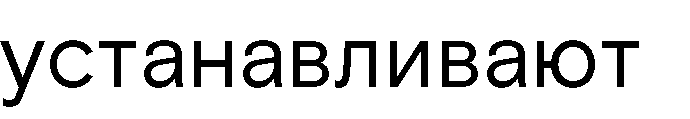
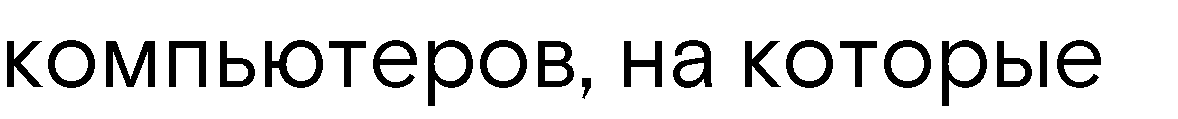
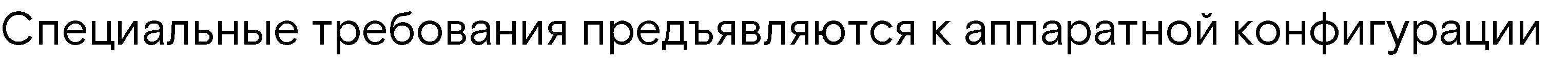


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## Условия эксплуатации

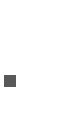
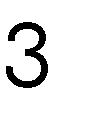
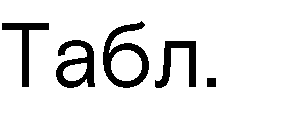
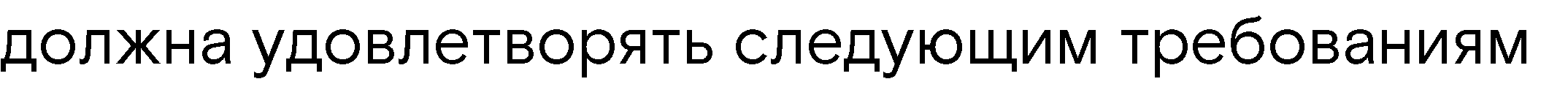
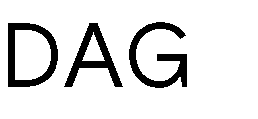
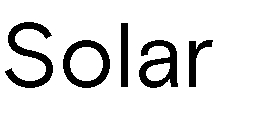
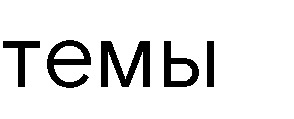
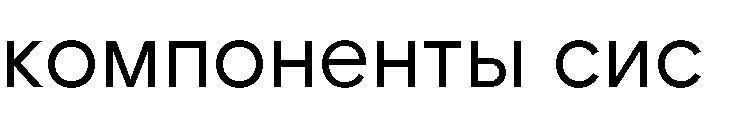
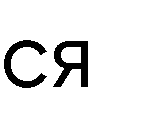
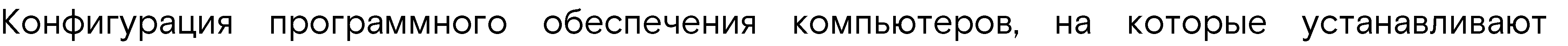
### Требования к аппаратному обеспечения

#### Требования к APM пользователя



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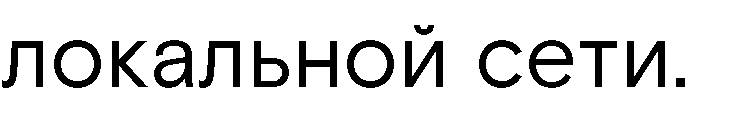
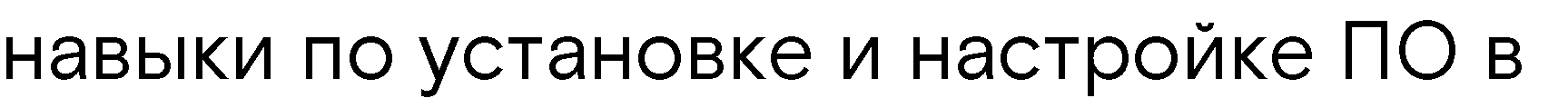
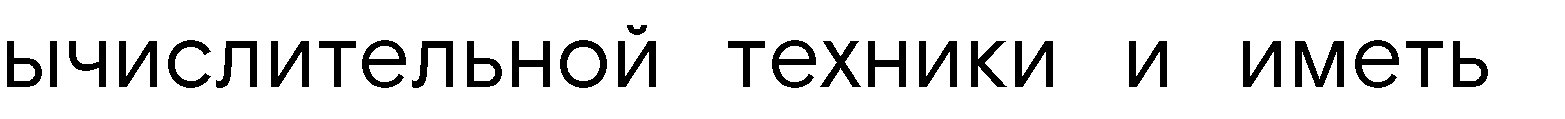
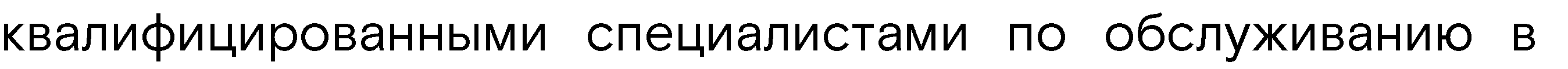
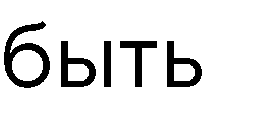
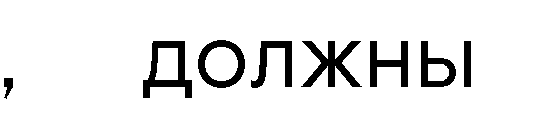
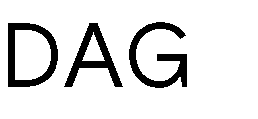
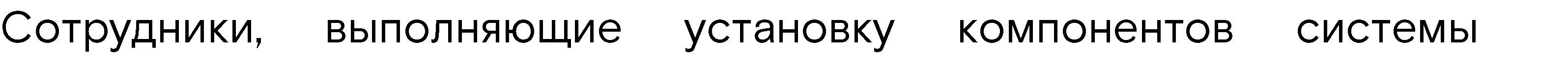
#### Требования к ПО



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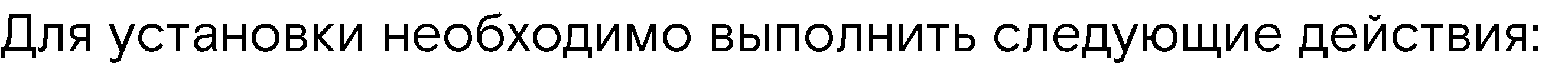
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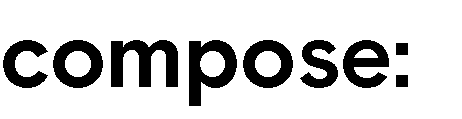
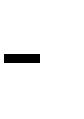
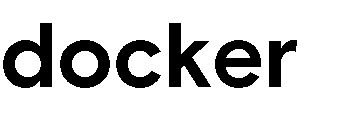
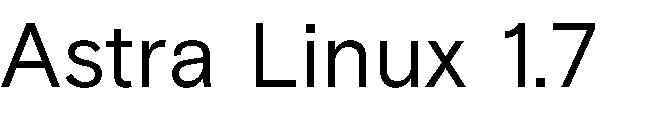
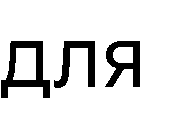
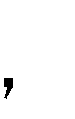
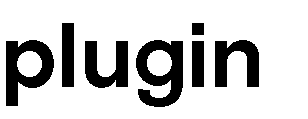
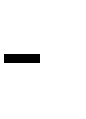
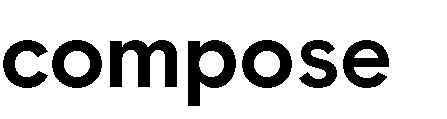
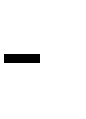
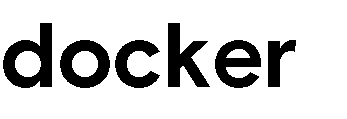
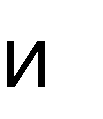
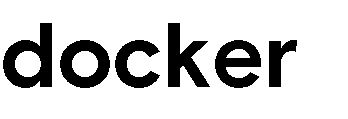
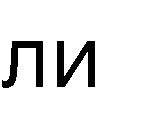
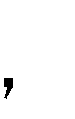
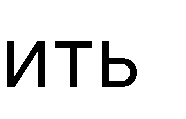
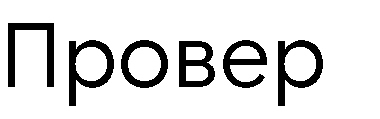
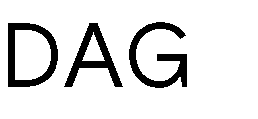
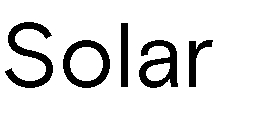
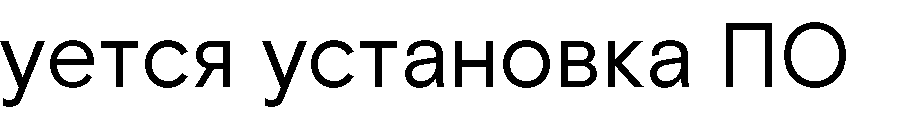
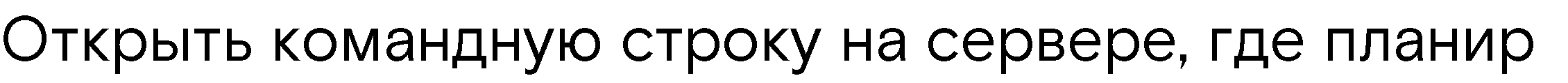
### Требования к квалификации персонала



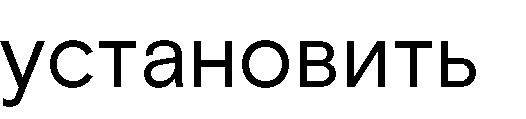
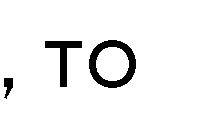
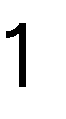
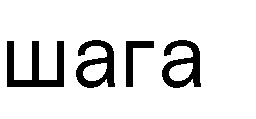
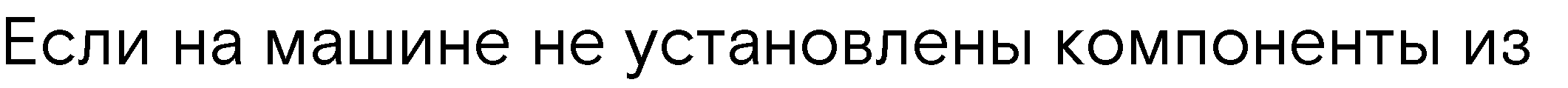
# Установка системы Solar DAG

## Установка сервера Solar DAG на Debian like

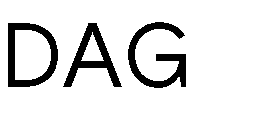
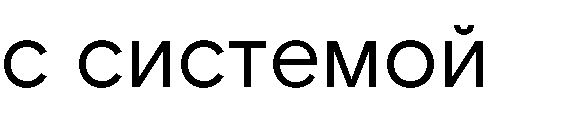
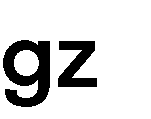
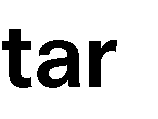
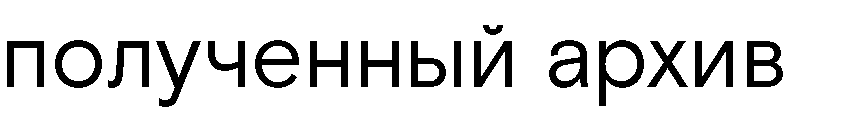
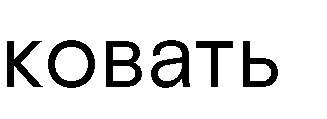
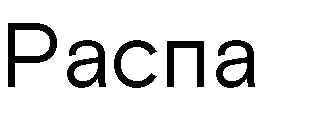




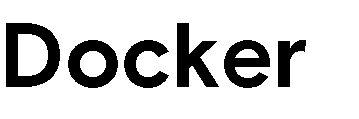
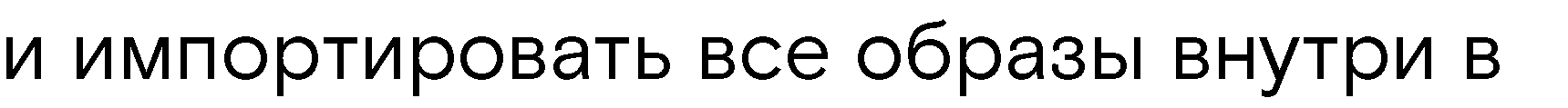
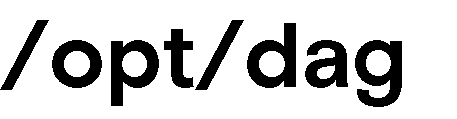
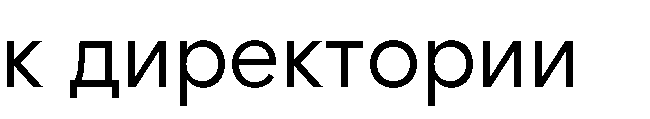
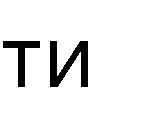
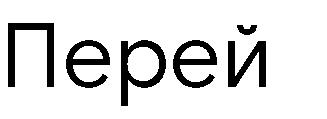
dpkg-query -l docker\\* | grep -i ii dpkg-query -l docker-compose-plugin | grep -i ii



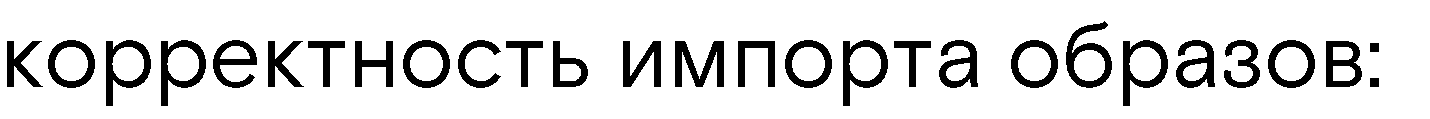
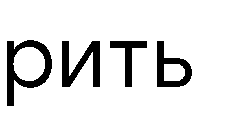
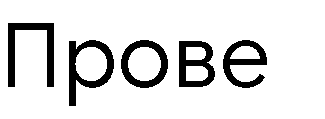
apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin



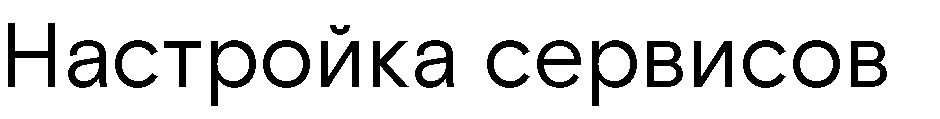
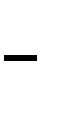
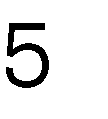
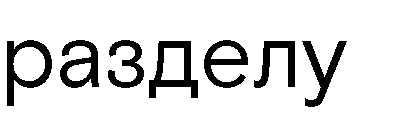
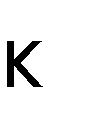
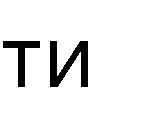
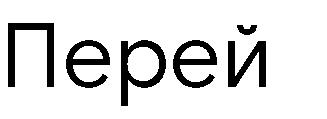
mkdir /opt/dag tar -xzf docker-release-1.0.tar.gz -C /opt/dag --strip-components 1



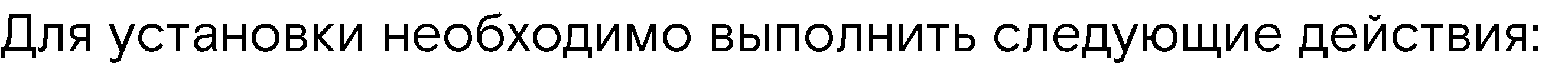
ls -1 \*.tar.gz | xargs --no-run-if-empty -L 1 docker load -i

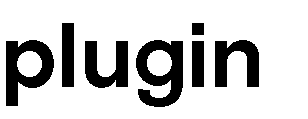
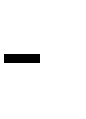
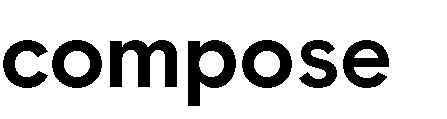
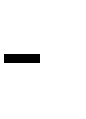
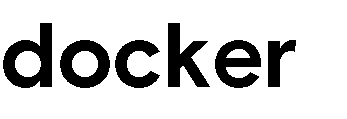
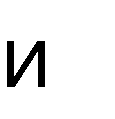
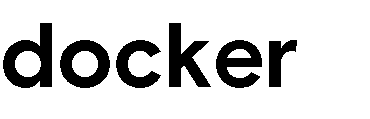
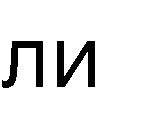
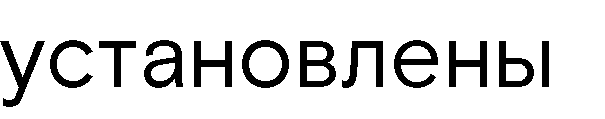
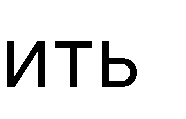
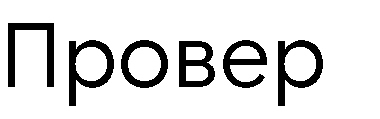
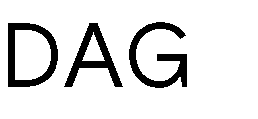
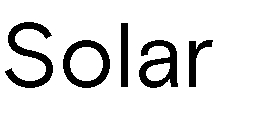
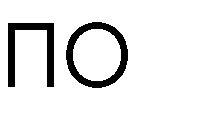
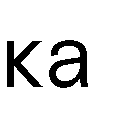
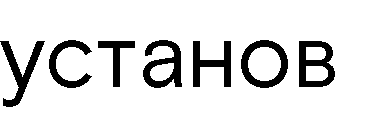
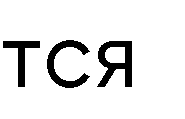
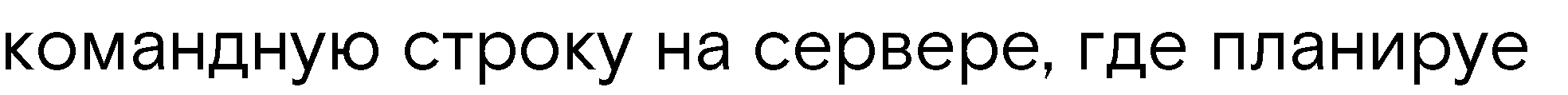
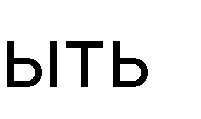
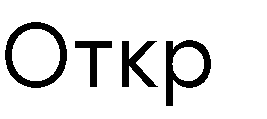


docker images

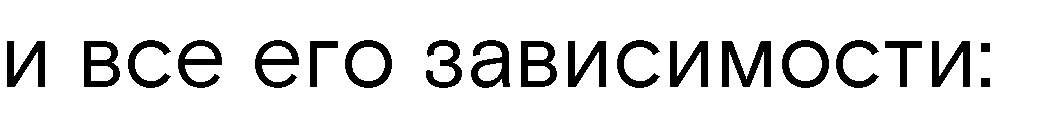
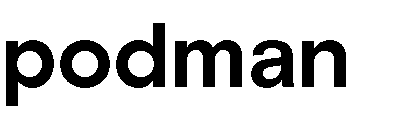
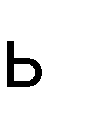
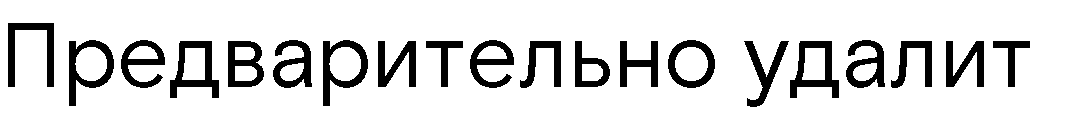
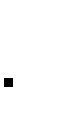
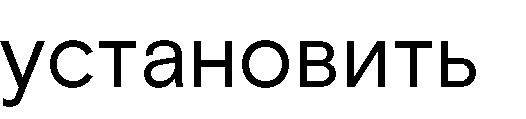
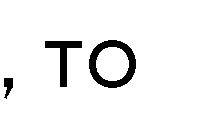
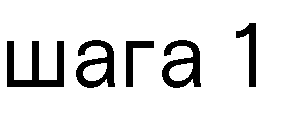
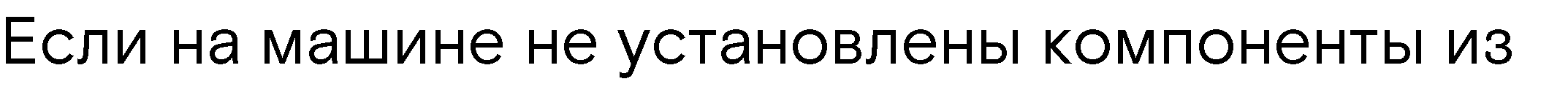


## Установка сервера Solar DAG на Yum like

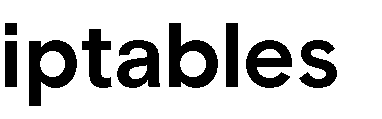
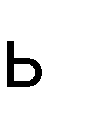
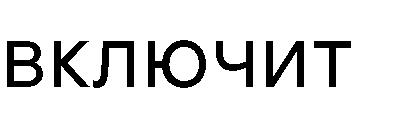
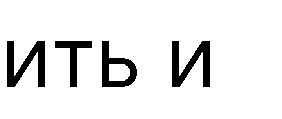
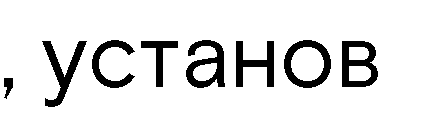
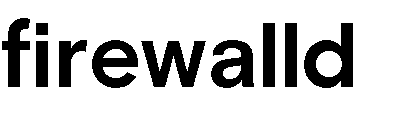
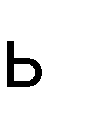
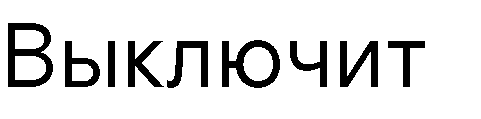




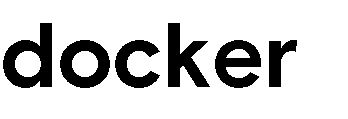
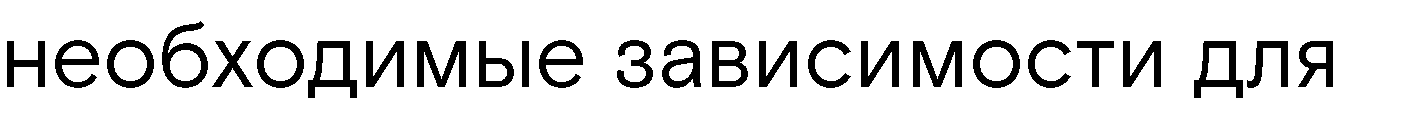
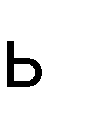
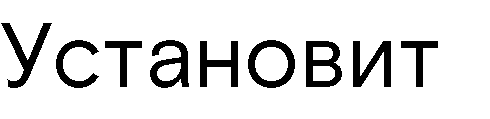
yum -q list installed | grep -i docker\\* yum -q list installed docker-compose-plugin



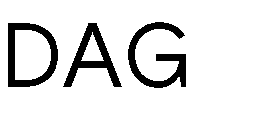
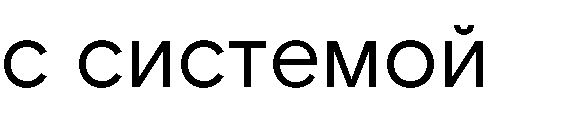
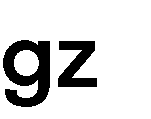
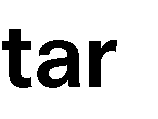
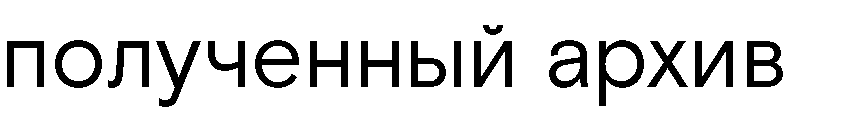
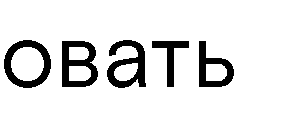
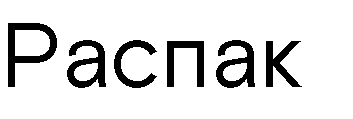
yum -y remove podman podman-docker podman-plugins buildah container-selinux containers-common criu fuse-overlayfs fuse3 fuse3-libs libnet libslirp runc slirp4netns



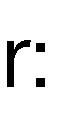
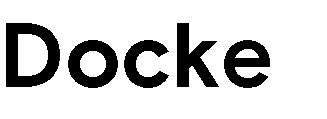
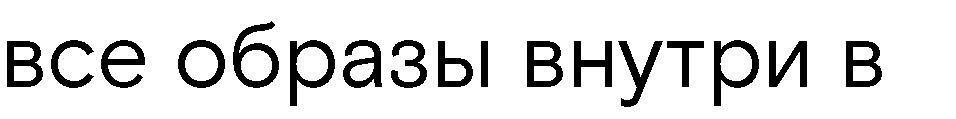
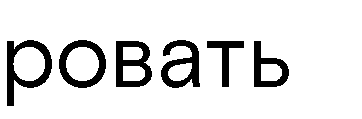
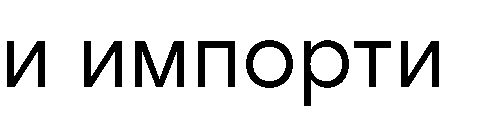
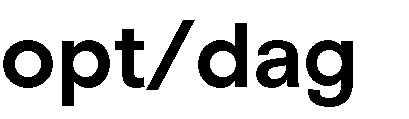
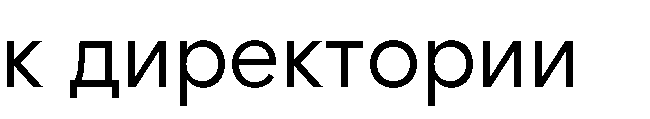
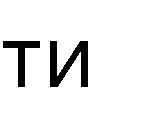
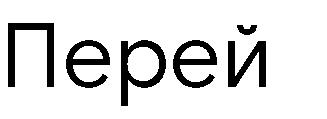
systemctl stop firewalld systemctl disable firewalld systemctl mask --now firewalld yum install iptables-services -y systemctl enable iptables --now



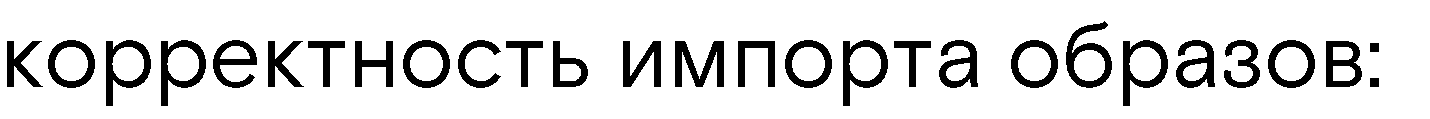
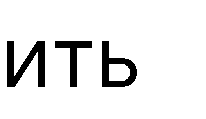
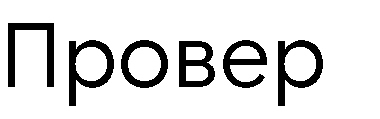
yum -y install docker-ce docker-ce-cli containerd.io docker-buildx-plugin dockercompose-plugin



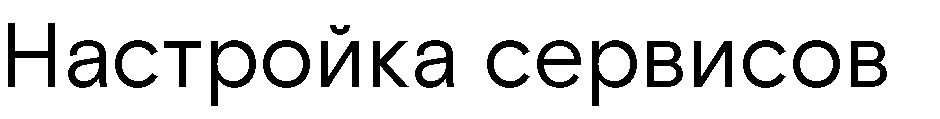
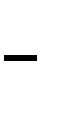
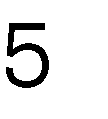
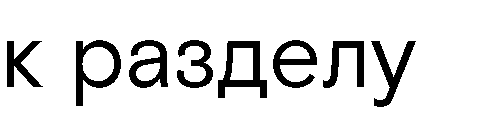
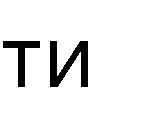
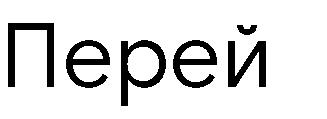
mkdir /opt/dag tar -xzf docker-release-1.0.tar.gz -C /opt/dag --strip-components 1



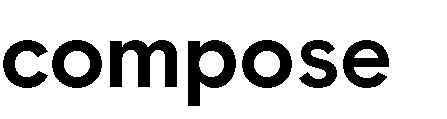
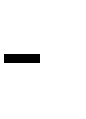
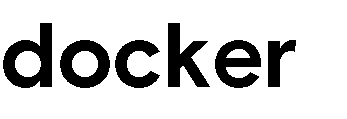
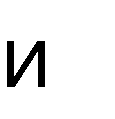
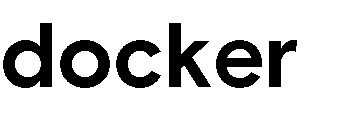
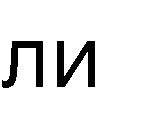
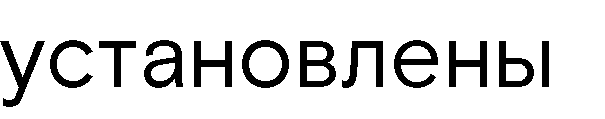
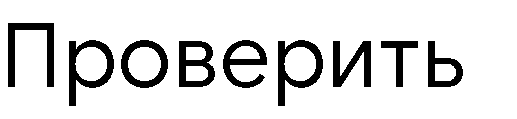
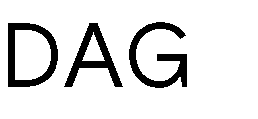
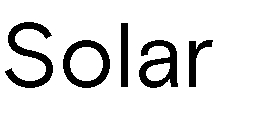
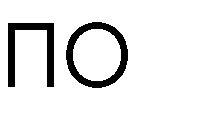
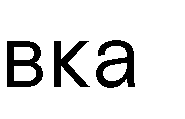
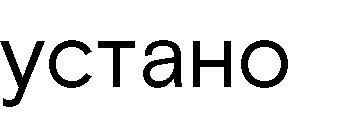
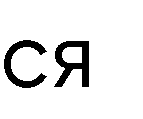
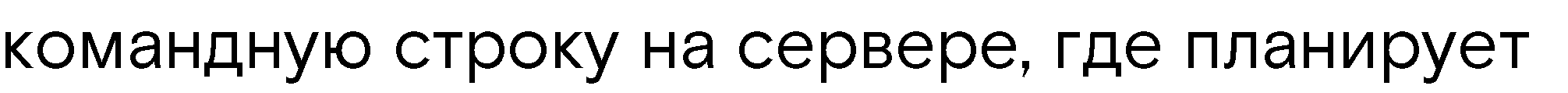
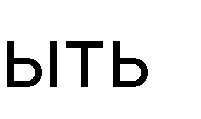
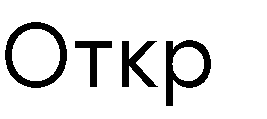
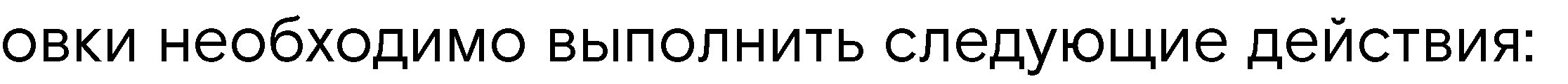
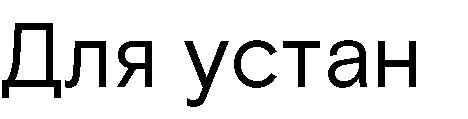
ls -1 \*.tar.gz | xargs --no-run-if-empty -L 1 docker load -i



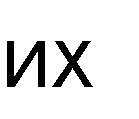
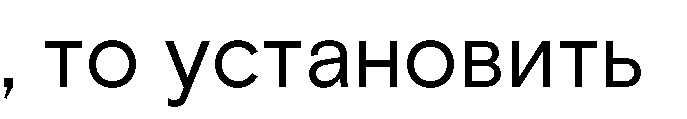
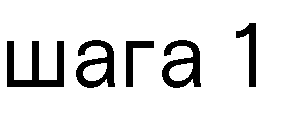
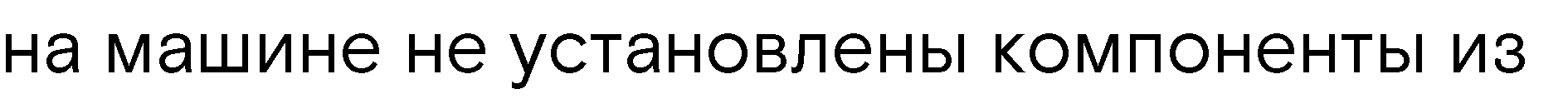
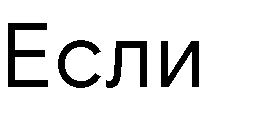
docker images



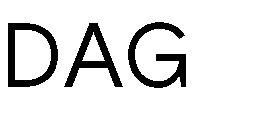
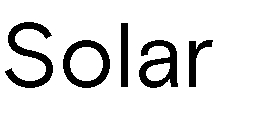
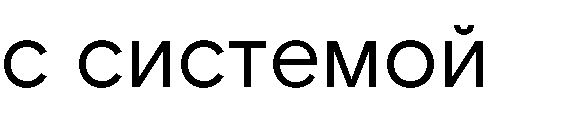
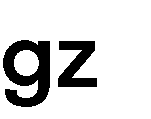
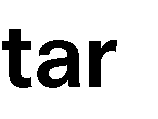
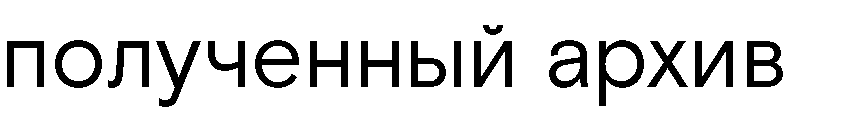
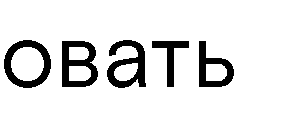
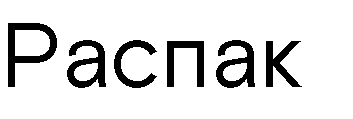
## Установка сервера Solar DAG на Astra linux



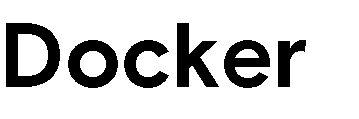
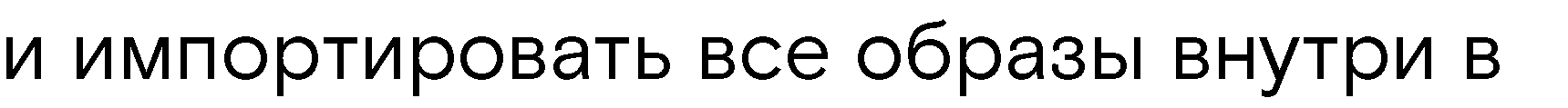
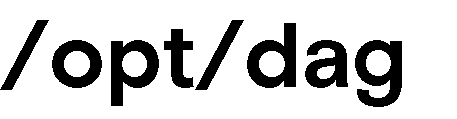
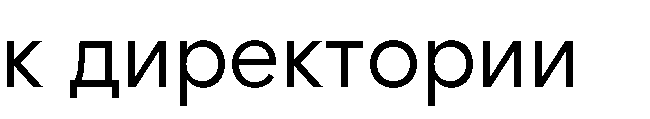
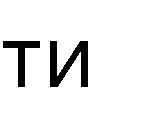
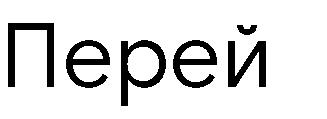
dpkg-query -l docker\\* | grep -i ii dpkg-query -l docker-compose | grep -i ii



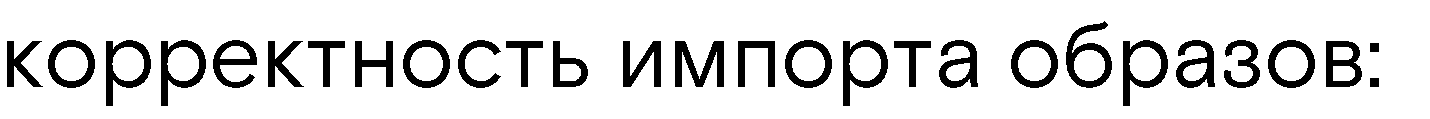
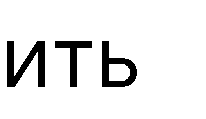
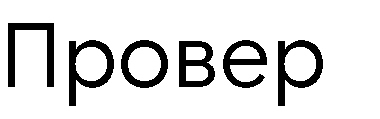
apt-get install docker.io container docker-compose



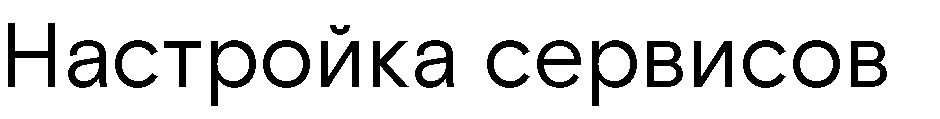
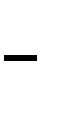
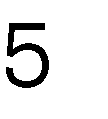
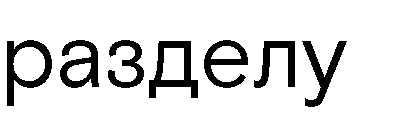
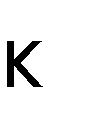
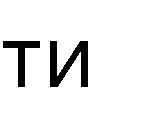
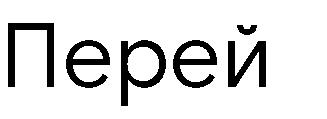
mkdir /opt/dag tar -xzf docker-release-1.0.tar.gz -C /opt/dag --strip-components 1



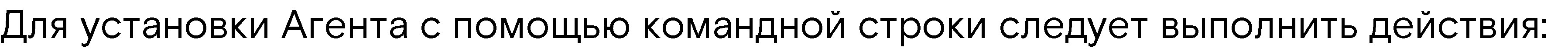
ls -1 \*.tar.gz | xargs --no-run-if-empty -L 1 docker load -i

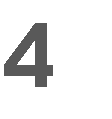
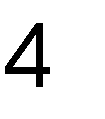
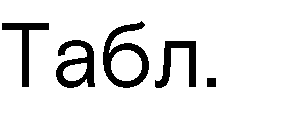
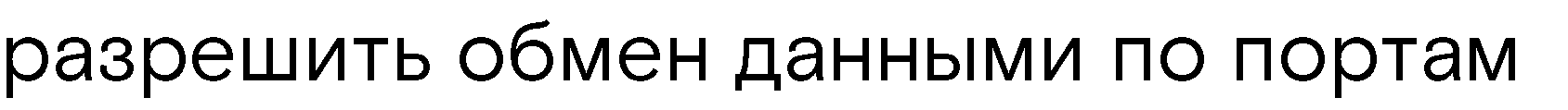
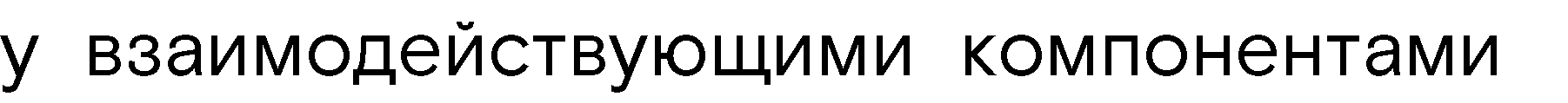
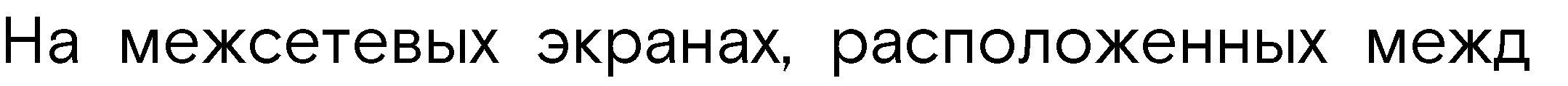


docker images

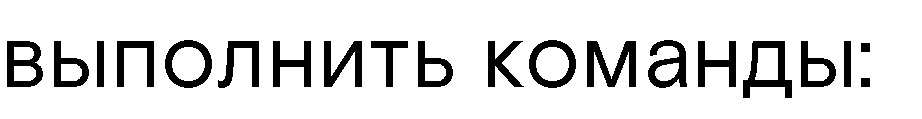
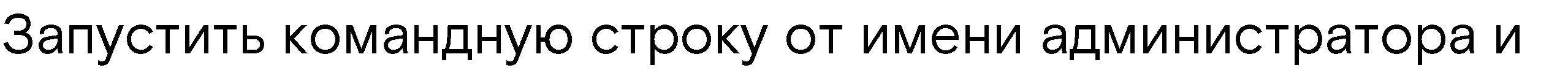
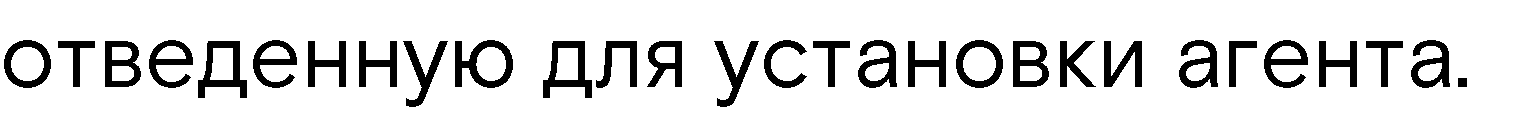
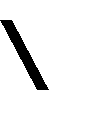
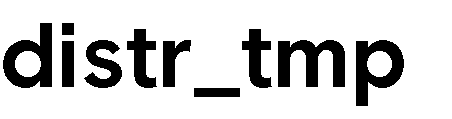
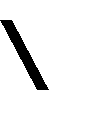
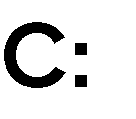
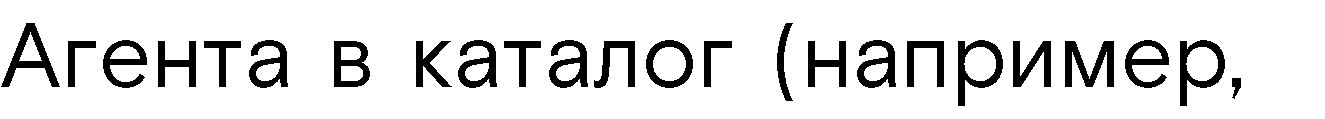
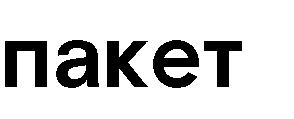
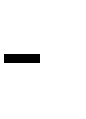
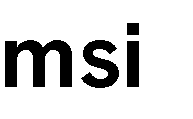
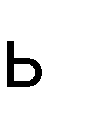
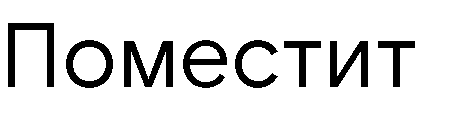


## Установка агента для файловой системы Windows/AD

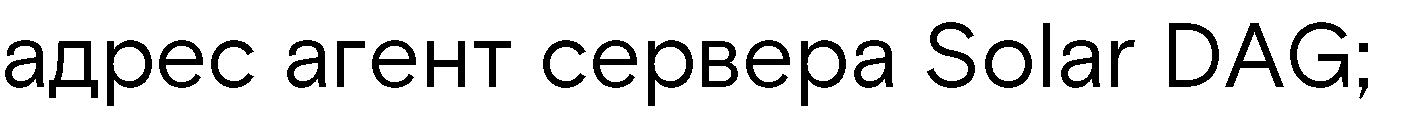
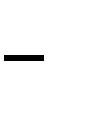
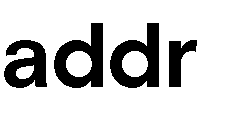
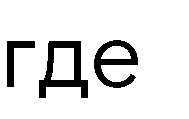




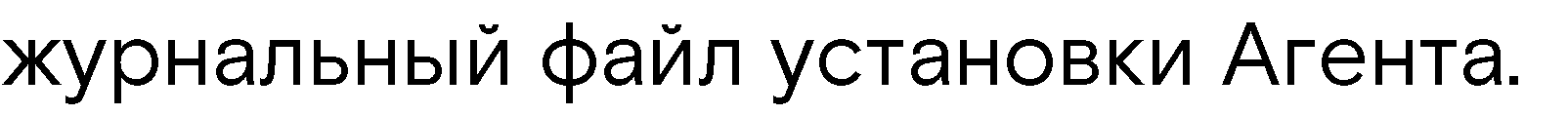
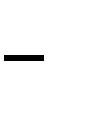
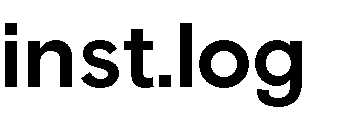
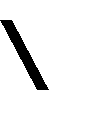
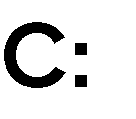
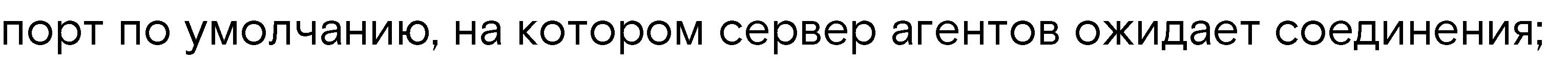
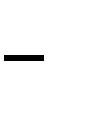
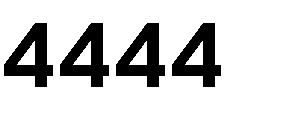
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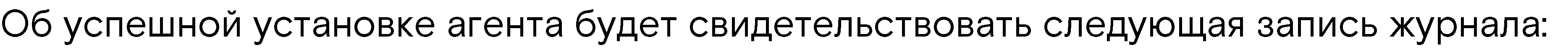


cd C:\distr\_tmp\msiexec.exe /l\*v C:\inst.log /i Agent\_Installer\_x32.msi AGENTSERVERNAME="https://addr:4444"







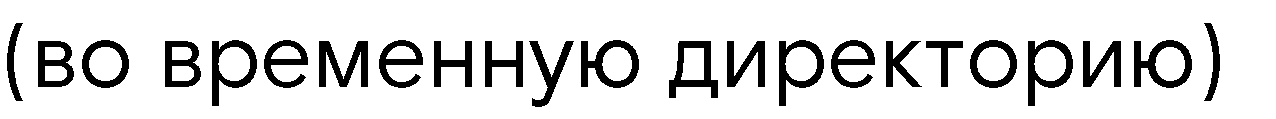
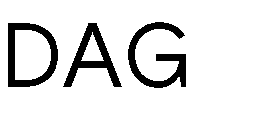
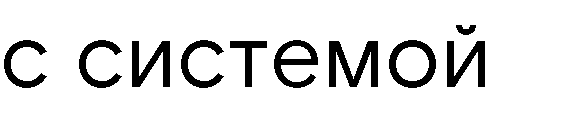
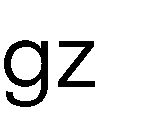
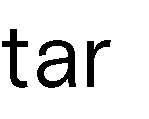
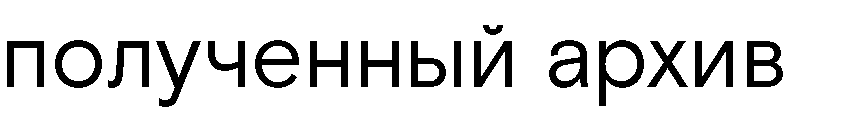
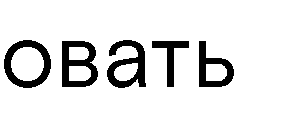
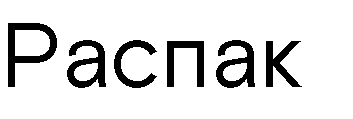
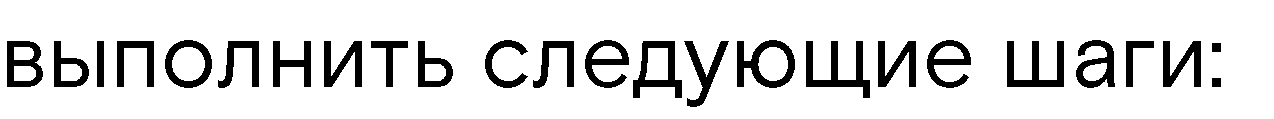
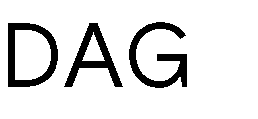
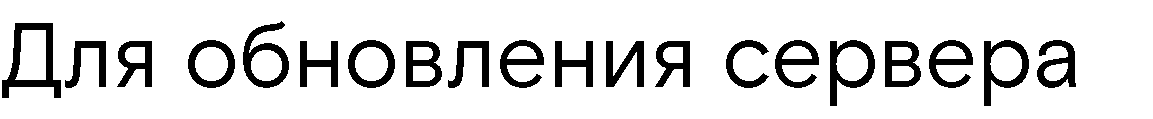


Windows Installer installed the product. Product Name: Endpoint Agent. Product Version: 4.5.0.205. Product Language: 1033.

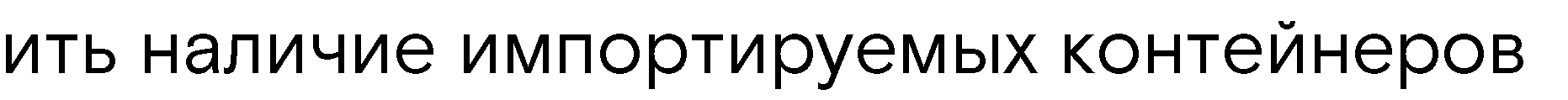
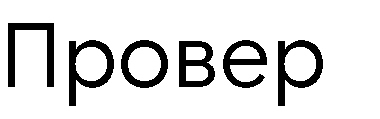
Manufacturer: Solar Security. Installation success or error status: 0.

# Обновление системы Solar DAG

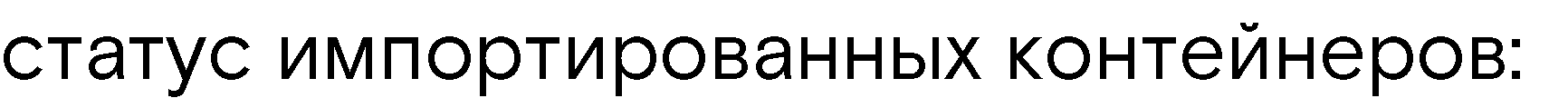
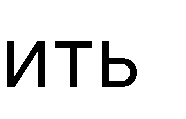
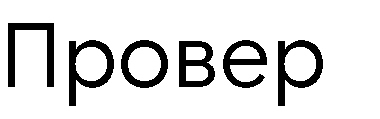
## Обновление сервера Solar DAG



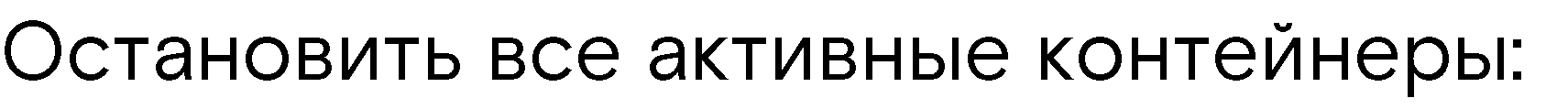
mkdir /opt/temp tar -xzf docker-release-1.0.tar.gz -C /opt/temp --strip-components 1



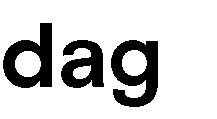
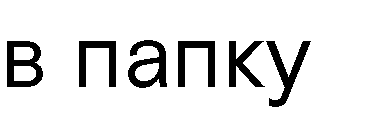
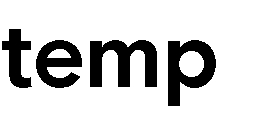
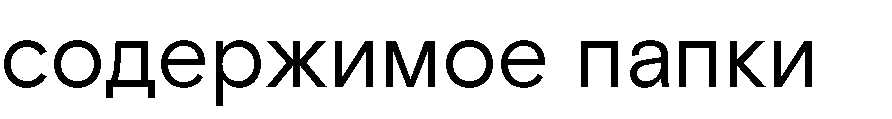
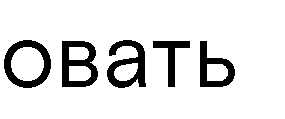
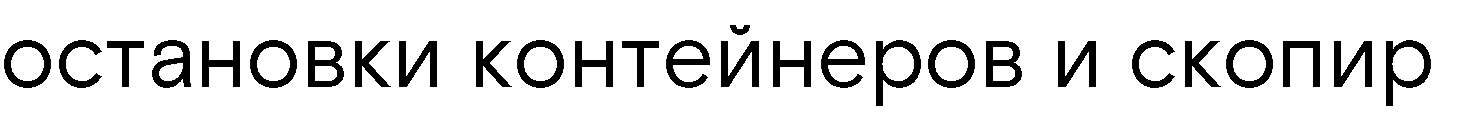
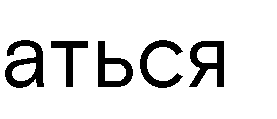
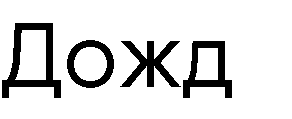
docker images



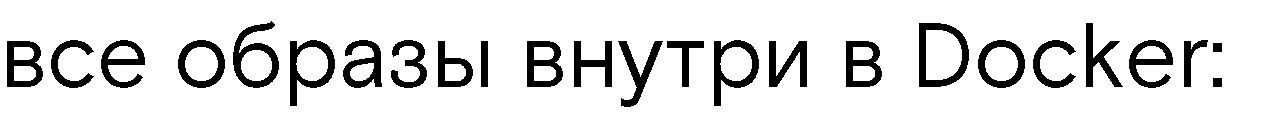
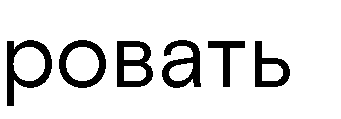
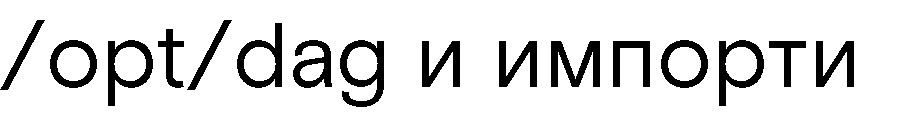
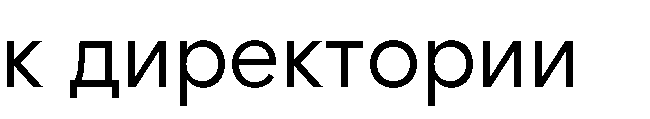
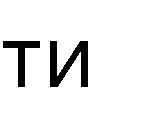
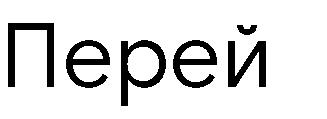
docker compose top



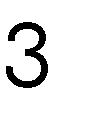
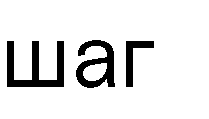
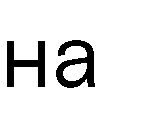
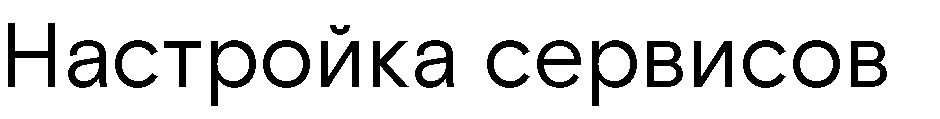
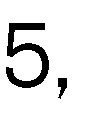
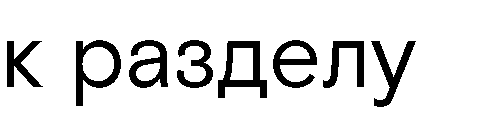
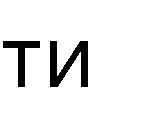
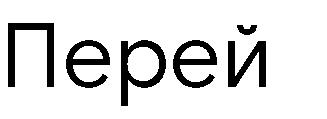
docker compose down - v



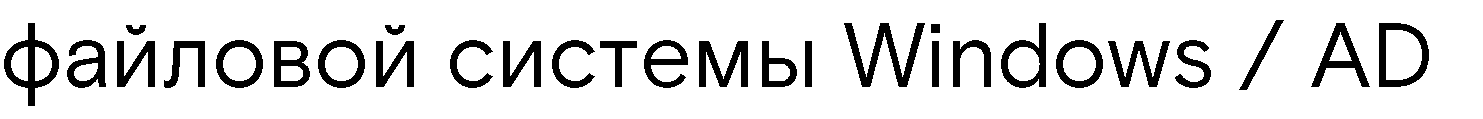
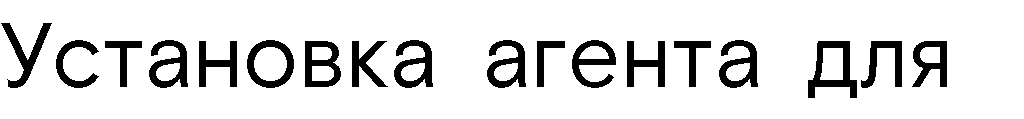
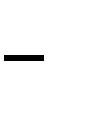
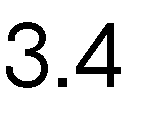
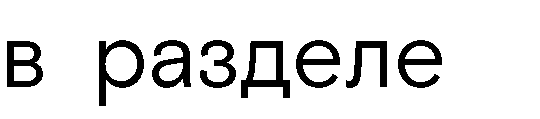
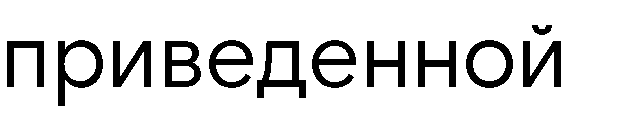
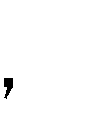
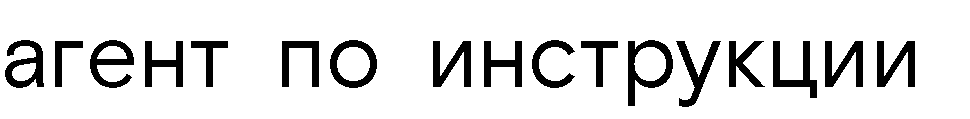
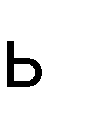
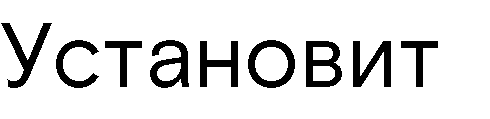
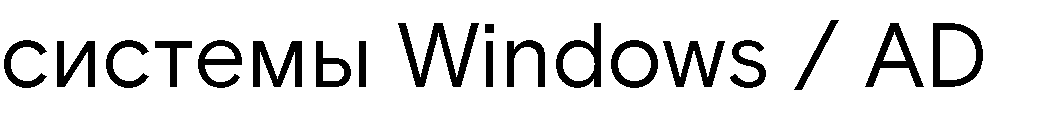
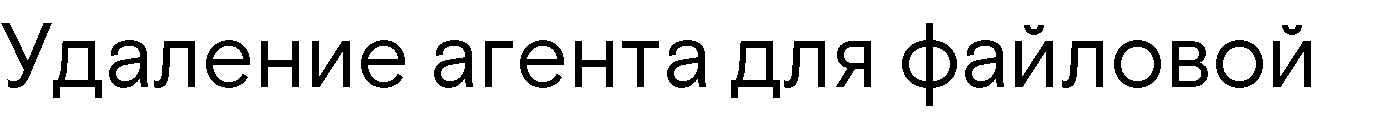
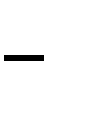
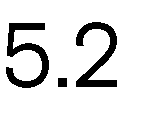
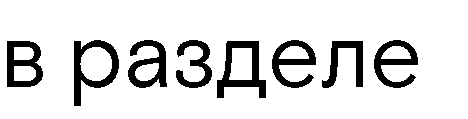
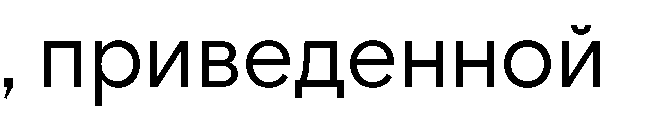
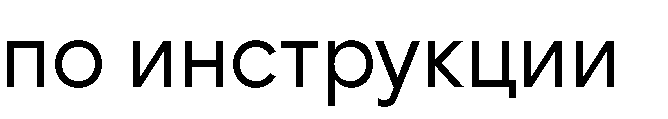
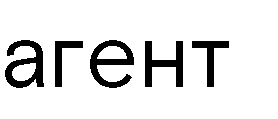
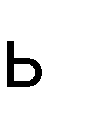
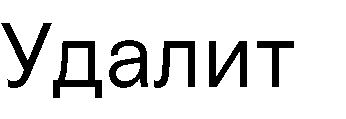
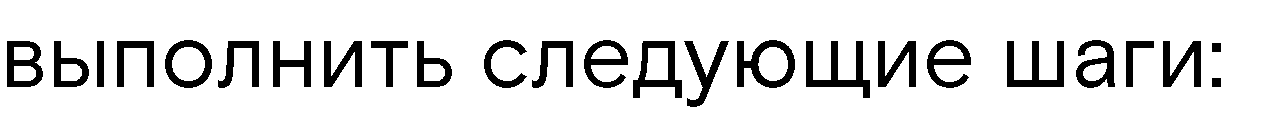
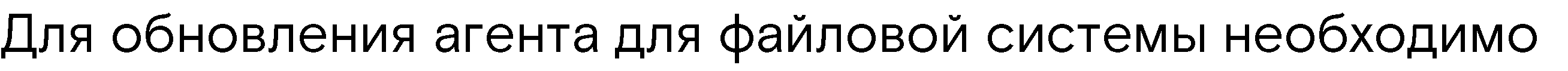
cp -rp opt/temp/\* /opt/dag/



ls -1 \*.tar.gz | xargs --no-run-if-empty -L 1 docker load -i

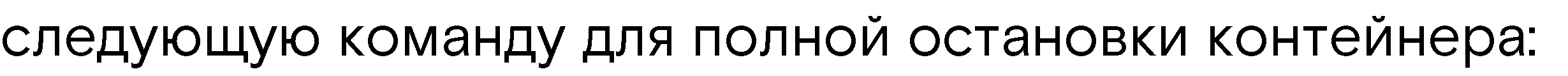
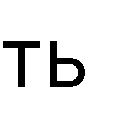
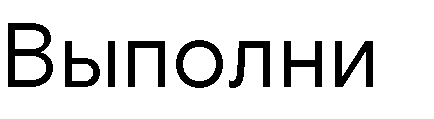
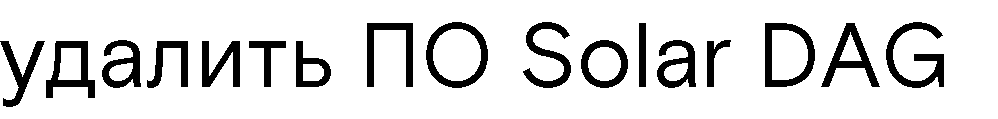
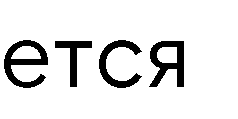
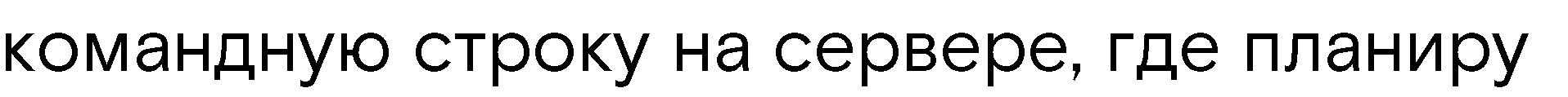
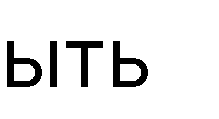
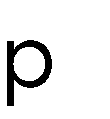
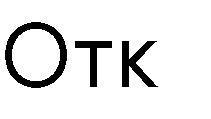
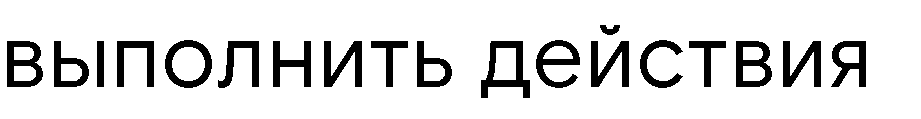
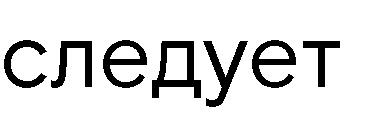
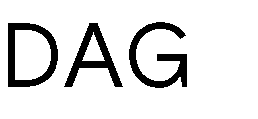
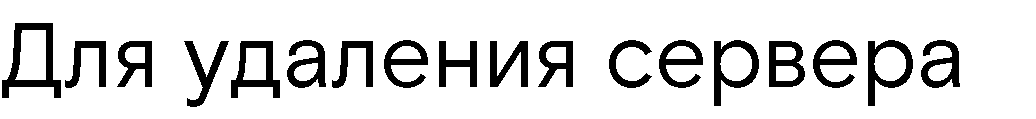


## Обновление агента для файловой системы Windows/AD

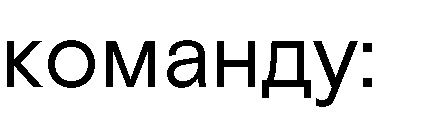
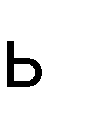
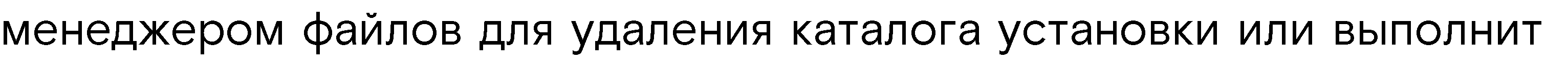
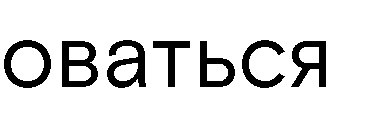
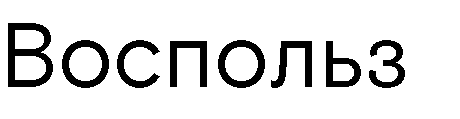


# Удаление системы Solar DAG

## Удаление сервера Solar DAG

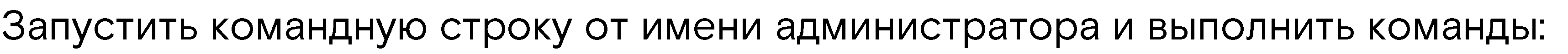
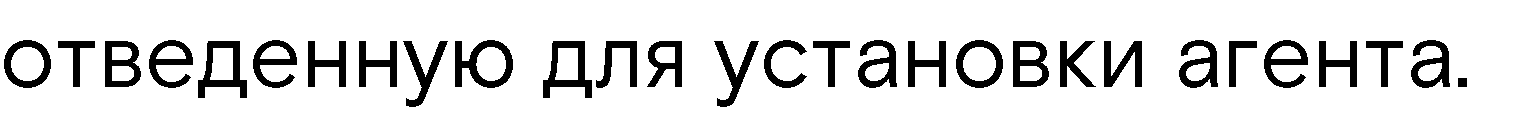
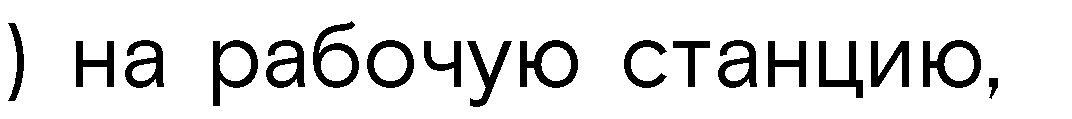
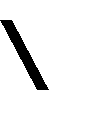
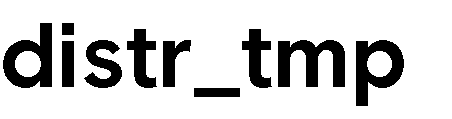
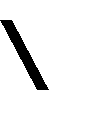
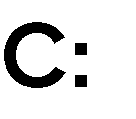
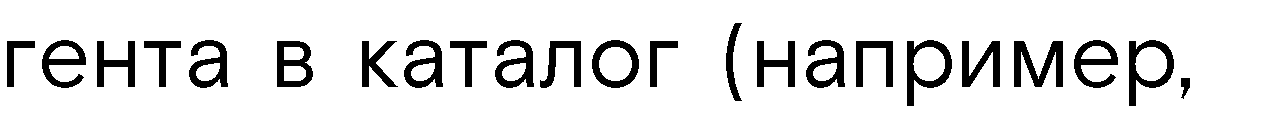
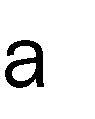
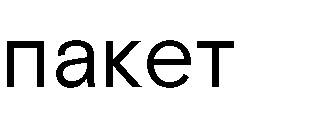
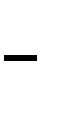
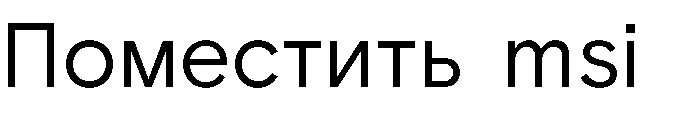
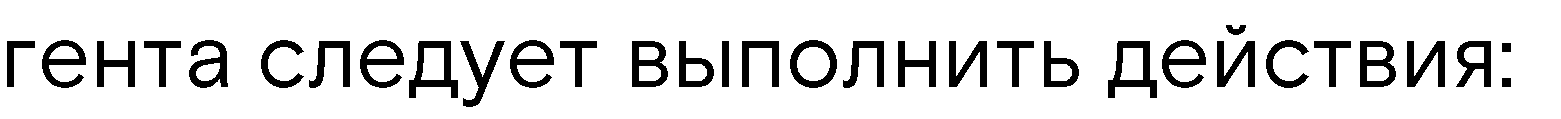
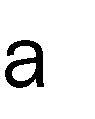
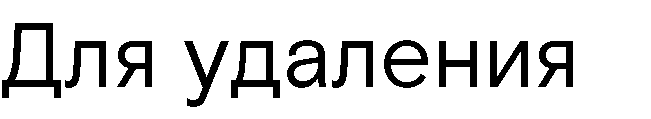


docker compose down -v docker image prune -a docker container prune docker volume prune



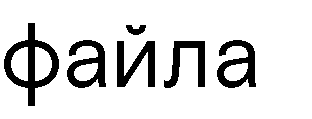
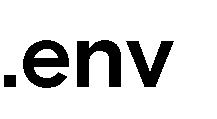
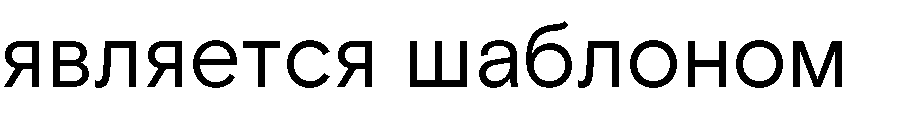
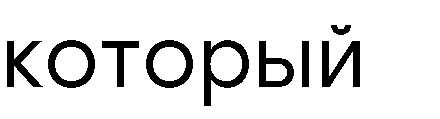
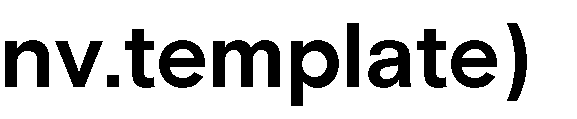
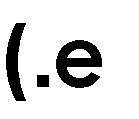
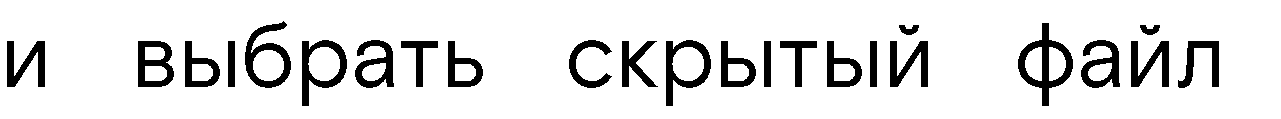
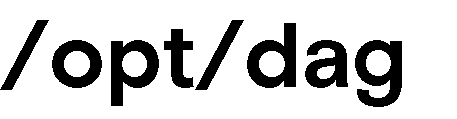
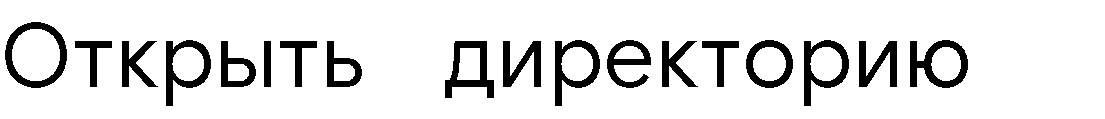
rm -rf /opt/dag

## Удаление агента для файловой системы Windows/AD

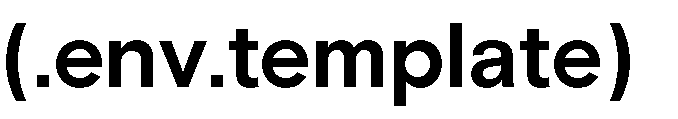
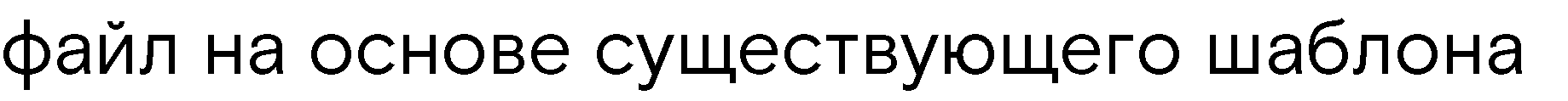
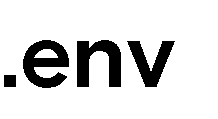
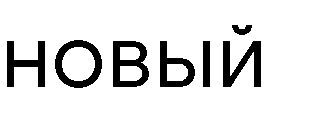
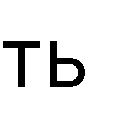
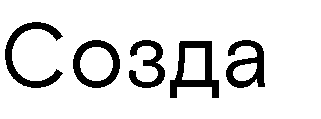


cd C:\distr\_tmp\ msiexec.exe /x Agent\_Installer\_x32.msi

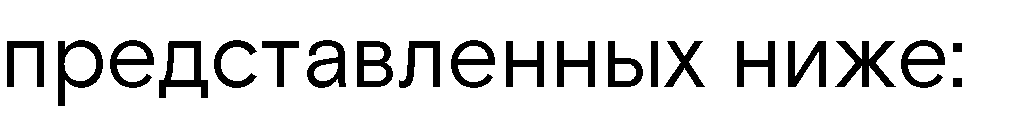
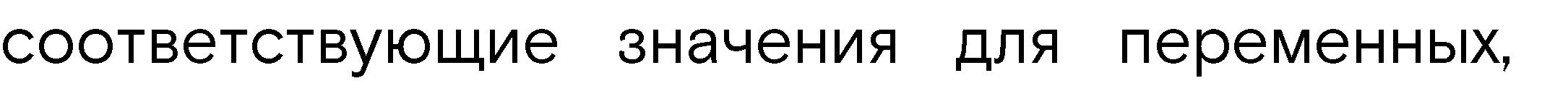
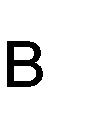
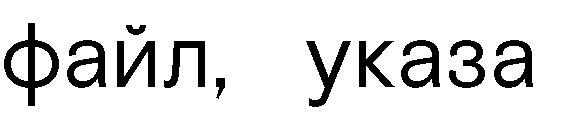
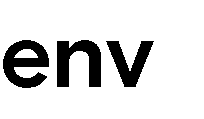
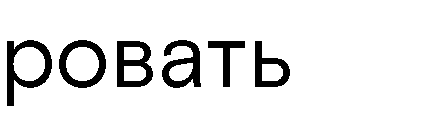
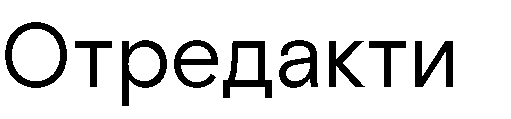
# Настройка сервисов



.



cp .env.template .env



# Переменные находятся в секции DAG\_ADMIN ENV

DOZOR\_LOGIN=

DOZOR\_PASSWORD=

DOZOR\_URL=

DAG\_ADMIN\_SECURITY\_SSL\_INSECURE\_HOSTS=

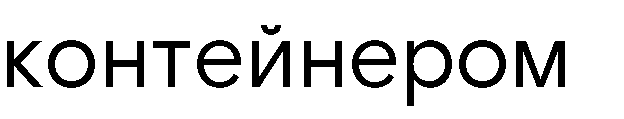
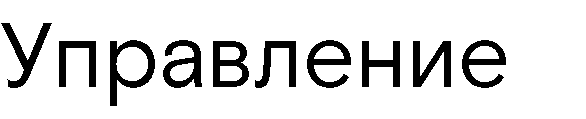
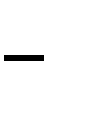
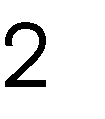
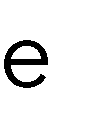
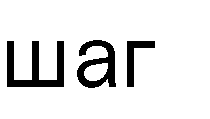
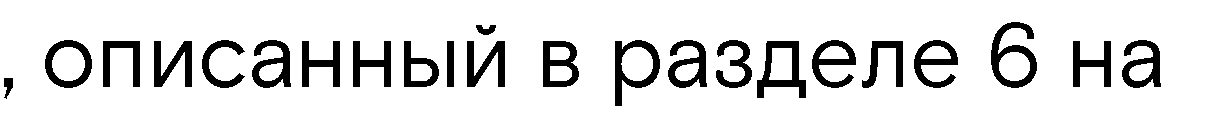
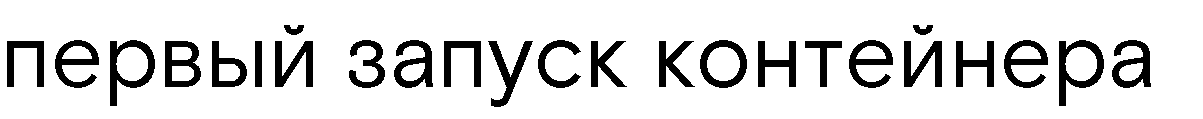
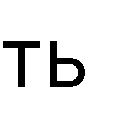
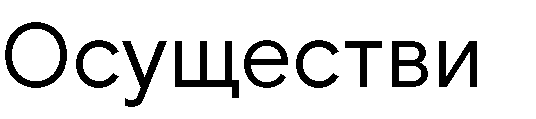
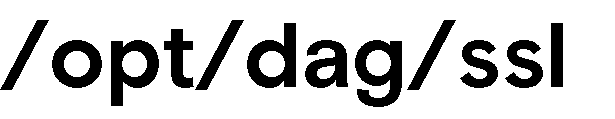
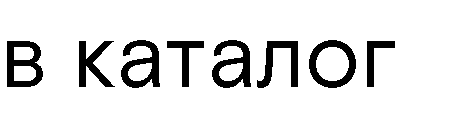
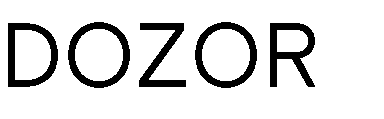
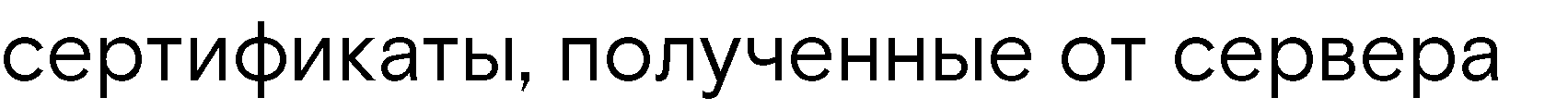
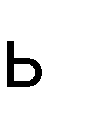
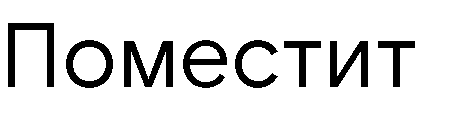
#Пример:

# DOZOR\_LOGIN=Admin

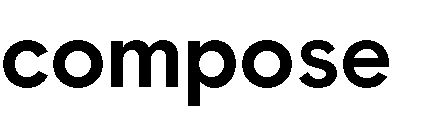
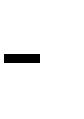
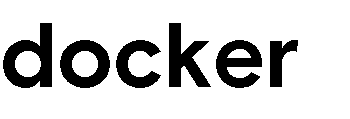
# DOZOR\_PASSWORD=Pa$$word

# DOZOR\_PASSWORD=https://127.0.0.1

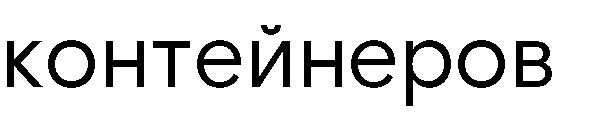
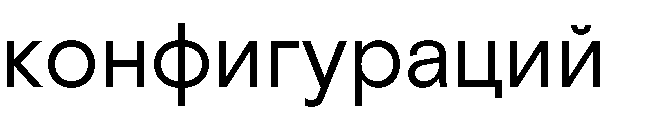
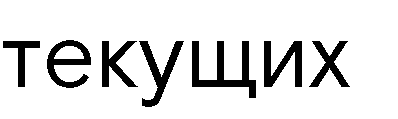
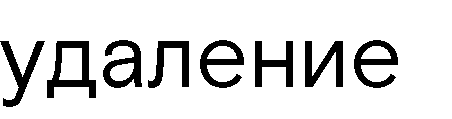
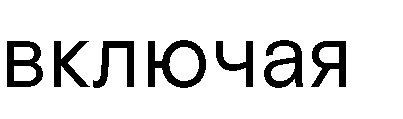
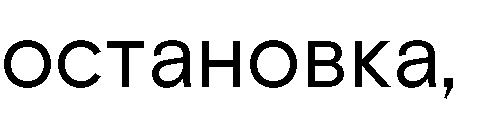
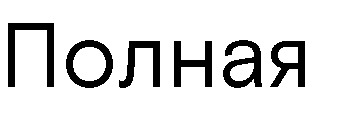
# DAG\_ADMIN\_SECURITY\_SSL\_INSECURE\_HOSTS=127.0.0.1



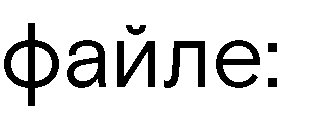
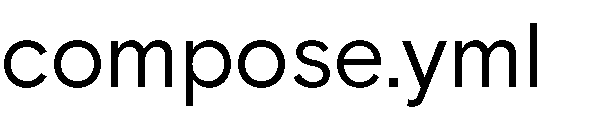
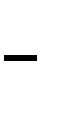
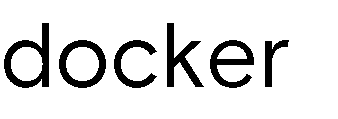
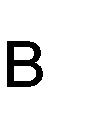
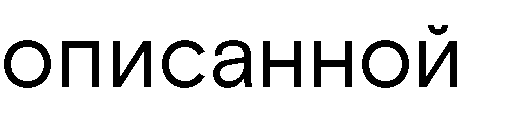
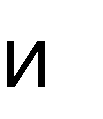
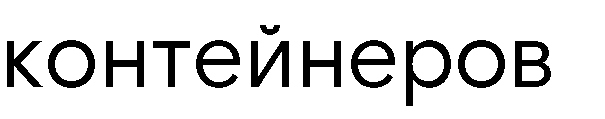
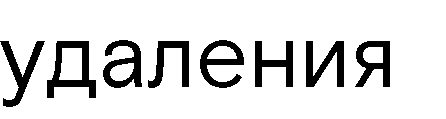
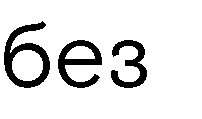
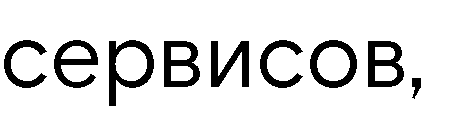
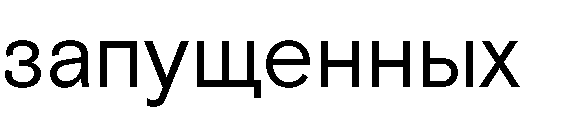
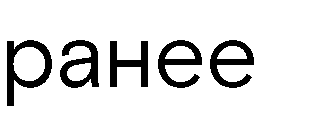
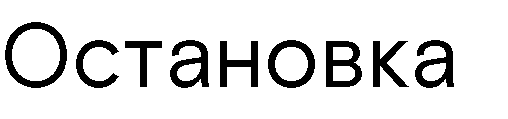
# Управление контейнером



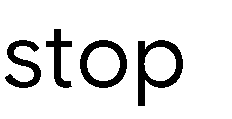
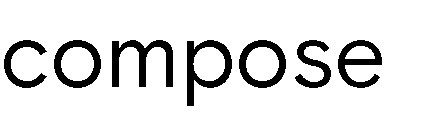
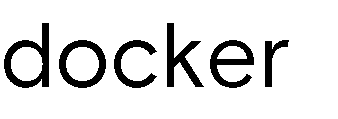
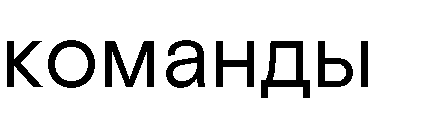
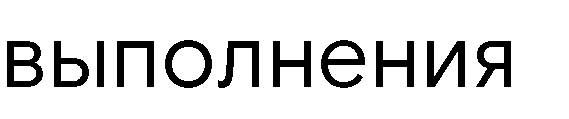
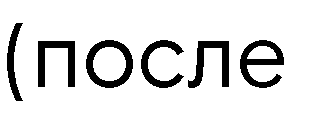
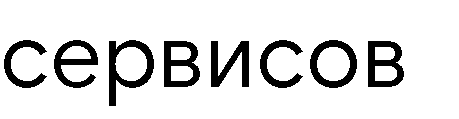
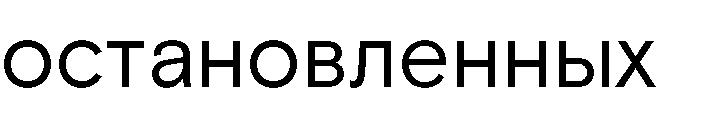
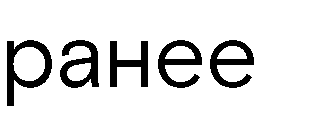
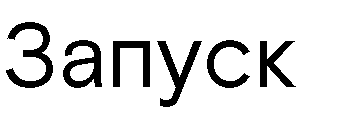
# Для первого запуска docker compose up -d



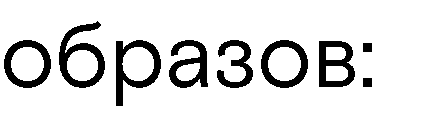
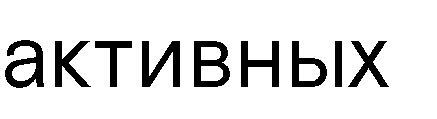
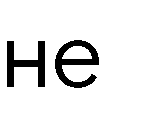
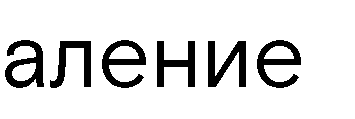
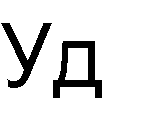
docker compose down



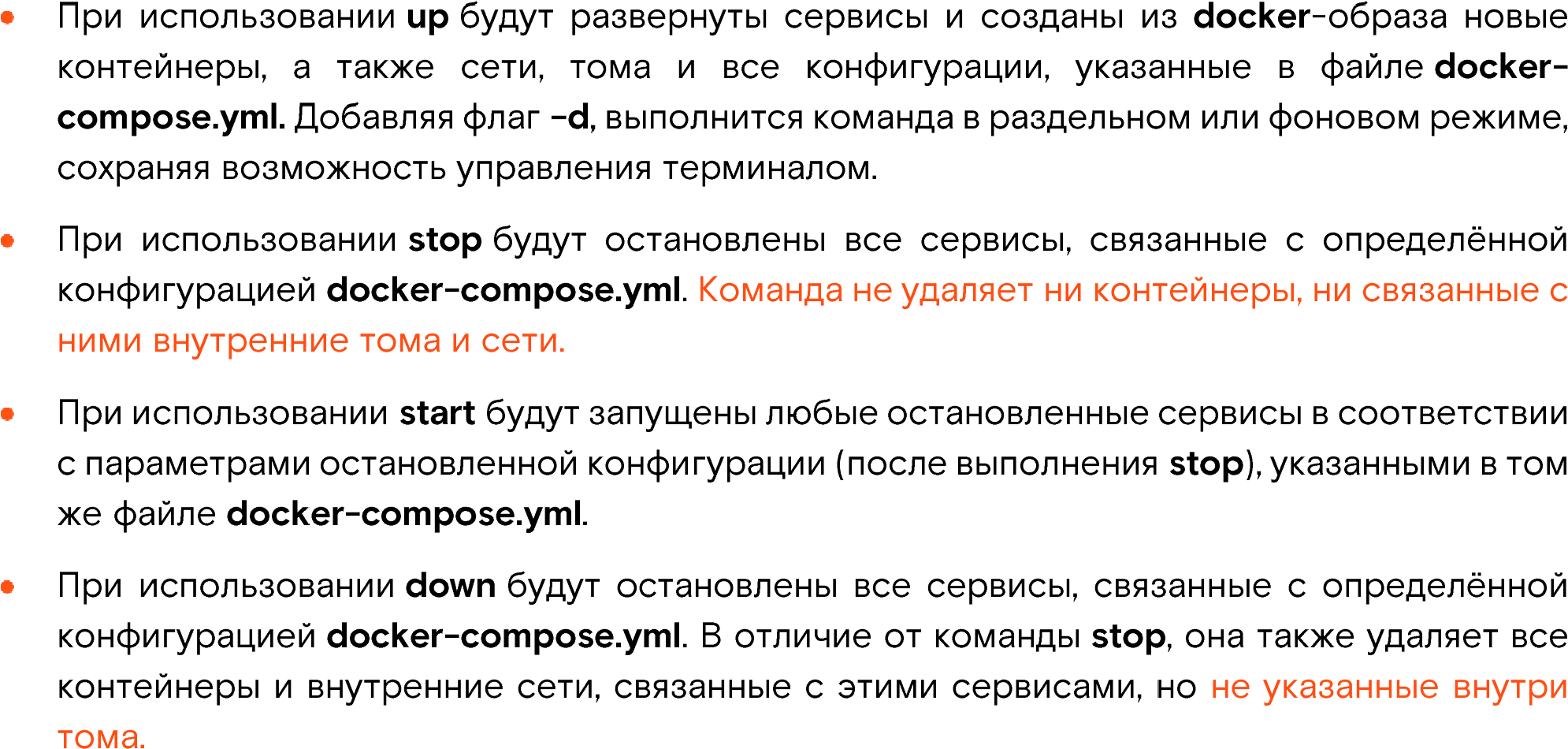
docker compose stop



docker compose start



docker rmi $(docker images -a -q)



# Контакты технических специалистов

