

Red Hat Enterprise Linux 9.7 ?????docker ? docker compose

???? Red Hat Enterprise Linux 9.7 ?????????

1. ?? SELinux
2. ???? **Docker**
3. ???? **Docker Compose**

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

???? SELinux

1 ??????????????

```
setenforce 0
```

????

```
getenforce
```

????

```
Permissive
```

??????

2 ??????

????

```
vi /etc/selinux/config
```

☐☐☐

SELINUX=disabled

☐☐☐☐☐

SELINUX=enforcing

☐☐☐ ☐☐☐☐ ☐

reboot

☐☐☐

getenforce

☐☐☐☐☐

Disabled

???? Docker ??????

☐☐☐☐ ☐☐☐☐ **Linux** ☐☐ ☐☐☐☐ RPM☐

Docker ☐ RHEL9 ☐☐☐☐☐☐

```
docker-ce
docker-ce-cli
containerd.io
docker-buildx-plugin
docker-compose-plugin
```

☐☐☐☐☐☐☐

https://download.docker.com/linux/centos/9/x86_64/stable/Packages/

☐☐☐

☐☐☐ CentOS ☐☐☐☐ **RHEL9** ☐☐☐☐ ☐

??????????

□□□

```
containerd.io
docker-ce
docker-ce-cli
docker-buildx-plugin
docker-compose-plugin
```

□□□□

```
wget https://download.docker.com/linux/centos/9/x86_64/stable/Packages/containerd.io-*.rpm
wget https://download.docker.com/linux/centos/9/x86_64/stable/Packages/docker-ce-*.rpm
wget https://download.docker.com/linux/centos/9/x86_64/stable/Packages/docker-ce-cli-*.rpm
wget https://download.docker.com/linux/centos/9/x86_64/stable/Packages/docker-buildx-plugin-
*.rpm
wget https://download.docker.com/linux/centos/9/x86_64/stable/Packages/docker-compose-plugin-
*.rpm
```

□□□□

```
tar czvf docker-rhel9.tar.gz *.rpm
```

□□□□□□□□

??????? Docker

□□ RPM □□□

```
cd /root/docker-rpm
```

□□□

```
dnf install -y *.rpm
```

□□□□ dnf repo□

```
rpm -ivh *.rpm
```

☐☐☐

```
dnf install *.rpm
```

dnf ☐☐☐☐☐☐☐☐

???? Docker

☐☐☐☐☐

☐☐☐

```
systemctl start docker
```

☐☐☐☐☐☐

```
systemctl enable docker
```

☐☐☐☐

```
systemctl status docker
```

???? Docker

```
docker version
```

☐☐☐☐☐

```
Client: Docker Engine
```

```
Server: Docker Engine
```

☐☐☐

```
docker info
```

?? Docker Compose

RHEL9 **docker compose plugin**

```
docker compose version
```

```
Docker Compose version v2.x
```

```
docker compose up -d
```

RHEL9

```
docker-compose
```

```
docker compose
```

??????????

RHEL9

```
libcgroup  
iptables  
container-selinux
```

```
container-selinux
```

<https://rpmfind.net/linux/rpm2html/search.php?query=container-selinux>

??????????

☐☐☐

```
vi /etc/docker/daemon.json
```

☐☐☐

```
{
  "log-driver": "json-file",
  "log-opts": {
    "max-size": "100m",
    "max-file": "3"
  },
  "storage-driver": "overlay2"
}
```

☐☐☐

```
systemctl restart docker
```

???? Docker API???????

Docker ☐☐☐☐

```
2375
2376
```

☐☐☐ **firewalld**☐

```
firewall-cmd --permanent --add-port=2375/tcp
firewall-cmd --reload
```

