Docker ???Portainer GUI ????

????

- **PVE**
- **LXC**
- **Debian12**

??Docker

```
apt update
```

```
apt -y install ca-certificates curl gnupg lsb-release
```

```
curl -fsSL https://download.docker.com/linux/debian/gpg | gpg --dearmor -o
/usr/share/keyrings/docker-archive-keyring.gpg
```

```
echo "deb [arch=$(dpkg --print-architecture) signed-by=/usr/share/keyrings/docker-archive-
keyring.gpg] https://download.docker.com/linux/debian $(lsb_release -cs) stable" | tee
/etc/apt/sources.list.d/docker.list > /dev/null
```

```
apt update
```

```
apt -y install docker-ce docker-ce-cli containerd.io
```

2025/11/24□□□□□ containerd.io□□ `permission denied: open sysctl net.ipv4.ip_unprivileged_port_start` □□

□□□ 1.7.28-1 containerd.io□□□□□□ containerd.io□□□

```
apt install containerd.io=1.7.28-1~debian.12~bookworm docker-ce docker-ce-cli
```

```
systemctl start docker
systemctl enable docker
```

??docker-compose

```
curl -L https://github.com/docker/compose/releases/download/v2.30.3/docker-compose-linux-
x86_64 > /usr/local/bin/docker-compose
```

```
chmod +x /usr/local/bin/docker-compose
```

```
docker-compose version
```

??portainer

□□□ **portainer**□□

```
docker pull outlovecn/portainer-cn
```

```
docker run -d -p 8000:8000 -p 9000:9000 --name=portainer --restart=always -v
/var/run/docker.sock:/var/run/docker.sock -v portainer_data:/data 6053537/portainer-ce:latest
```

□□□□□ `http://ip:9000/`□□□□□□

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