

Docker ???Portainer GUI ????

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- 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
```

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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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