

Getting started with LIMA

You want to use LIMA for easily managing your kubernetes clusters? Check your hardware requirements (see Chapter "Requirements: Hardware") and follow these few steps to use LIMA.

Install the KubeOps RPM

1. Download the RPM from our website <http://www.kubernative.net/en/download-area>:

```
curl -O https://www.kubernative.net/images/KubeOps/kubeops-1.0.0-3-rc2e17.x86_64.rpm
```

2. Install the rpm:

```
yum install <path to rpm>/kubeops-1.0.0-3-rc2e17.x86_64.rpm
```

3. Start Docker:

```
systemctl enable docker
```

```
systemctl start docker
```

4. Check if LIMA is installed:

```
lima
```

Note: If you want to use LIMA on an AirGap environment follow the instruction in our documentation (see Chapter "Install KubeOps RPM on AirGap environment")

Set the environment variable KUBEOPSROOT

The environment variable `KUBEOPSROOT` must be set to an absolute path to a folder that is readable and writable on your `admin` node .

Set the environment variable temporary:

```
export KUBEOPSROOT="<your path>"
```

Or set the environment variable permanently:

```
echo 'export KUBEOPSROOT="<your path>"' >> $HOME/.bashrc
```

Check if environment variable is set:

```
echo $KUBEOPSROOT
```

Further important informations

DNS Server

If you want to use FQDN's follow these steps (see Chapter "Configuration")

Yum repository

You need an available connection to a default yum repository when installing LIMA

Registry

You either need an internet connection to use the Kubernetes registry `registry.kubernetes.net` or a local registry for an AirGap installation to some extend

User requirements

All users specified in the YAML config files need sudo privileges or must be 'root'