

Setup Solutions

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Cluster Solutions

- **Local-machine Solutions**
 - **MiniKube** - For testing and development based on single node.
 - **Kubeadm-dind** - multi node based kubernetes cluster solution requires a docker daemon to run. It uses docker-in-docker technique to spawn the Kubernetes cluster.
 - **Ubuntu on LXD**
 - **IBM Cloud Private-CE** - Virtualbox based solutions to deploy Kubernetes on multiple VMs.
 - **IBM Cloud Private-CE on Linux Container** - Teraform/Packer/BASH based solution to deploy 7 nodes (1 Boot, 1 Master, 1 Proxy and 3 worker).
- **Hosted Solutions**
 - **Google Kubernetes Engine**
 - **Amazon Elastic Container Service for Kubernetes**
 - **Azure Kubernetes Service**
 - Stackpoint.io, AppsCode.com, Madcore.Ai, Platform9, Gaint Swarm, Kubermatic, Oracle Container Engine for Kubernetes, **etc.**
 - **OpenShift Dedicated & OpenShift Online.**
- **Turnkey cloud Solutions**
 - Cloud based (IaaS) based solutions.
- **ON-Premises turnkey cloud Solutions**
 - **IBM Cloud Private**
 - **Kubermatic**
 - **SUSE CaaS Platform**
 - **Rancher 2.0**
 - **Pivotal Container Service (PKS)**
 - **Kublr, Agile Stack, APPUIO**
- **Custom Solutions**
 - **Cloud**
 - CoreOS on AWS or GCE
 - Kubernetes on Ubuntu
 - Kubespray
 - Rancher Kubernetes Engine (RKE)
 - Gardner
 - Kublr
 - **On Premises VM**
 - Vagrant (uses CoreOS and flannel)
 - CloudStack (uses Ansible, CoreOS and flannel)
 - Vmware vSphere, OpenStack, or Bare Metal (uses Juju, Ubuntu and flannel)
 - oVirt
 - Fedora (Multi Node) (uses Fedora and flannel)
 - **Bare Metal**
 - Fedora, Kubernetes on Ubuntu, CoreOS etc.