Kubeadm is a tool built to provide kubeadm init and kubeadm join as best-practice "fast paths" for creating Kubernetes clusters. All the admin level activities are taking care here.

kubeadm performs the actions necessary to get a minimum viable cluster up and running. By design, it cares only about bootstrapping, not about provisioning machines. Likewise, installing various nice-to-have addons, like the Kubernetes Dashboard, monitoring solutions, and cloud-specific addons, is not in scope.

Instead, we expect higher-level and more tailored tooling to be built on top of kubeadm, and ideally, using kubeadm as the basis of all deployments will make it easier to create conformant clusters.

**How to install**

To install kubeadm, see the [installation guide](https://kubernetes.io/docs/setup/production-environment/tools/kubeadm/install-kubeadm).

**What's next**

* [kubeadm init](https://kubernetes.io/docs/reference/setup-tools/kubeadm/kubeadm-init) to bootstrap a Kubernetes control-plane node
* [kubeadm join](https://kubernetes.io/docs/reference/setup-tools/kubeadm/kubeadm-join) to bootstrap a Kubernetes worker node and join it to the cluster
* [kubeadm upgrade](https://kubernetes.io/docs/reference/setup-tools/kubeadm/kubeadm-upgrade) to upgrade a Kubernetes cluster to a newer version
* [kubeadm config](https://kubernetes.io/docs/reference/setup-tools/kubeadm/kubeadm-config) if you initialized your cluster using kubeadm v1.7.x or lower, to configure your cluster for kubeadm upgrade
* [kubeadm token](https://kubernetes.io/docs/reference/setup-tools/kubeadm/kubeadm-token) to manage tokens for kubeadm join
* [kubeadm reset](https://kubernetes.io/docs/reference/setup-tools/kubeadm/kubeadm-reset) to revert any changes made to this host by kubeadm init or kubeadm join
* [kubeadm certs](https://kubernetes.io/docs/reference/setup-tools/kubeadm/kubeadm-certs) to manage Kubernetes certificates
* [kubeadm kubeconfig](https://kubernetes.io/docs/reference/setup-tools/kubeadm/kubeadm-kubeconfig) to manage kubeconfig files
* [kubeadm version](https://kubernetes.io/docs/reference/setup-tools/kubeadm/kubeadm-version) to print the kubeadm version
* [kubeadm alpha](https://kubernetes.io/docs/reference/setup-tools/kubeadm/kubeadm-alpha) to preview a set of features made available for gathering feedback from the community