使用Helm部署metrics-server

从 *Heapster* 的 *github <https://github.com/kubernetes/heapster >*中可以看到已经，*heapster* 已经*DEPRECATED*。 这里是 *heapster*的*deprecation timeline*。 可以看出 *heapster* 从 *Kubernetes 1.12* 开始将从 *Kubernetes* 各种安装脚 本中移除。*Kubernetes* 推荐使用 *metrics-server*。我们这里也使用*helm*来部署*metrics-server*。

metrics-server.yaml:

args:

- --logtostderr

- --kubelet-insecure-tls

- --kubelet-preferred-address-types=InternalIP

helm install stable/metrics-server \

-n metrics-server \

--namespace kube-system \

-f metrics-server.yaml

使用下面的命令可以获取到关于集群节点基本的指标信息：

kubectl top node

NAME CPU(cores) CPU% MEMORY(bytes) MEMORY%

node1 650m 32% 1276Mi 73%

node2 73m 3% 527Mi 30%

kubectl top pod --all-namespaces

NAMESPACE NAME CPU(cores) MEMORY(bytes) ingress-nginx nginx-ingress-controller-6f5687c58d-jdxzk 3m 142Mi ingress-nginx nginx-ingress-controller-6f5687c58d-lxj5q 5m 146Mi ingress-nginx nginx-ingress-default-backend-6dc6c46dcc-lf882 1m 4Mi kube-system coredns-86c58d9df4-k5jkh 2m 15Mi kube-system coredns-86c58d9df4-rw6tt 3m 23Mi kube-system etcd-node1 20m 86Mi kube-system kube-apiserver-node1 33m 468Mi kube-system kube-controller-manager-node1 29m 89Mi kube-system kube-flannel-ds-amd64-8nr5j 2m 13Mi kube-system kube-flannel-ds-amd64-bmncz 2m 21Mi kube-system kube-proxy-d5gxv 2m 18Mi kube-system kube-proxy-zm29n 2m 16Mi kube-system kube-scheduler-node1 8m 28Mi kube-system kubernetes-dashboard-788c98d699-qd2cx 2m 16Mi kube-system metrics-server-68785fbcb4-k4g9v 3m 12Mi kube-system tiller-deploy-c4fd4cd68-dwkhv 1m 24Mi