

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-68785fbc4-k4g9v	3m	12Mi
kube-system	tiller-deploy-c4fd4cd68-dwkhv	1m	24Mi