```
    kubernetes.io/cluster-service: "true"
    kubernetes.io/name: "CoreDNS"
spec:
  selector:
    k8s-app: kube-dns
  clusterIP: 169.169.0.100
  ports:
  - name: dns
    port: 53
    protocol: UDP
  - name: dns-tcp
    port: 53
    protocol: TCP
  - name: metrics
    port: 9153
    protocol: TCP
```

通过 kubectl create 命令完成 CoreDNS 服务的创建：

```
# kubectl create -f coredns.yaml
```

查看 Deployment、Pod 和 Service，确保容器成功启动：

```
# kubectl get deployment --namespace=kube-system
NAME                    READY   UP-TO-DATE   AVAILABLE   AGE
coredns                 1/1     1            1           33h

# kubectl get pods --namespace=kube-system
NAME                                    READY   STATUS    RESTARTS   AGE
coredns-85b4878f78-vcdnh                1/1     Running   2          33h

# kubectl get services --namespace=kube-system
NAME         TYPE        CLUSTER-IP      EXTERNAL-IP   PORT(S)                  AGE
kube-dns     ClusterIP   169.169.0.100   <none>        53/UDP,53/TCP,9153/TCP   33h
```

4.3.3 服务名的 DNS 解析

接下来使用一个带有 nslookup 工具的 Pod 来验证 DNS 服务能否正常工作：

busybox.yaml

```
apiVersion: v1
kind: Pod
```