# coredns增加全局解析

## 设置域名不解析

我们经常使用FQDN设置完整主机名，导致k8s会将容器的搜索域会增加一个域，k8s进行自动后缀增加后匹配

```
cat /etc/resolv.conf
```

≥ 命令行: centos

*高级技巧: 点击运行命令行时按住 Control 键在新窗口中打开*

```
[root@centos-55474b6cf7-v252t /]# cat /etc/resolv.conf
nameserver 10.43.0.10
search default.svc.cluster.local svc.cluster.local cluster.local openstacklocal vpclub.io
options ndots:5
[root@centos-55474b6cf7-v252t /]#
```

然后有人刚好（恶意）注册了这个域名，且做了泛解析。就导致服务内部解析错误。需要修改coredns对这个域不做解析

## 方法一

将主机的搜索域干掉

```
[root@100 ~]# cat /etc/resolv.conf
# Generated by NetworkManager
# search vpclub.io
nameserver 100.100.2.136
nameserver 100.100.2.138
options timeout:1 single-request-reopen
[root@100 ~]#
```

## 方法二

```
.:53 {
        errors
        health {
            lameduck 5s
        }
        hosts {
           192.168.5.10 nfs-share.vpclub.local
           192.168.5.10 nfs-share.vpclub.io
           fallthrough
        }
        ready
        kubernetes cluster.local in-addr.arpa ip6.arpa {
            pods insecure
            fallthrough in-addr.arpa ip6.arpa
            ttl 30
        }
        prometheus :9153
        forward . /etc/resolv.conf {
            max_concurrent 1000
        }
        cache 30
        loop
        reload
        loadbalance
    }

    vpclub.io {
        template ANY A {
            match ^nfs-share\.vpclub\.io\.$
            answer "nfs-share.vpclub.io.  60 IN A 192.168.5.10"
        }
        template ANY ANY {
            match .*
            rcode NXDOMAIN
        }
    }
```

```
vpclub.io {
    template ANY A {
        match ^nfs-share\.vpclub\.io\.$
        answer "nfs-share.vpclub.io.  60 IN A 192.168.0.10"
    }
    template ANY ANY {
        match .*
        rcode NXDOMAIN
    }
}
```

设置全局解析

有时候因为网络设置原因不允许回路，需要对一些域名进行全局解析到内网地址。

# kubectl edit cm coredns -n kube-system

hosts {
172.16.2.250 minio.wvpark.com
fallthrough
}

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