



Elasticsearch on k8s/GKE

动手实践

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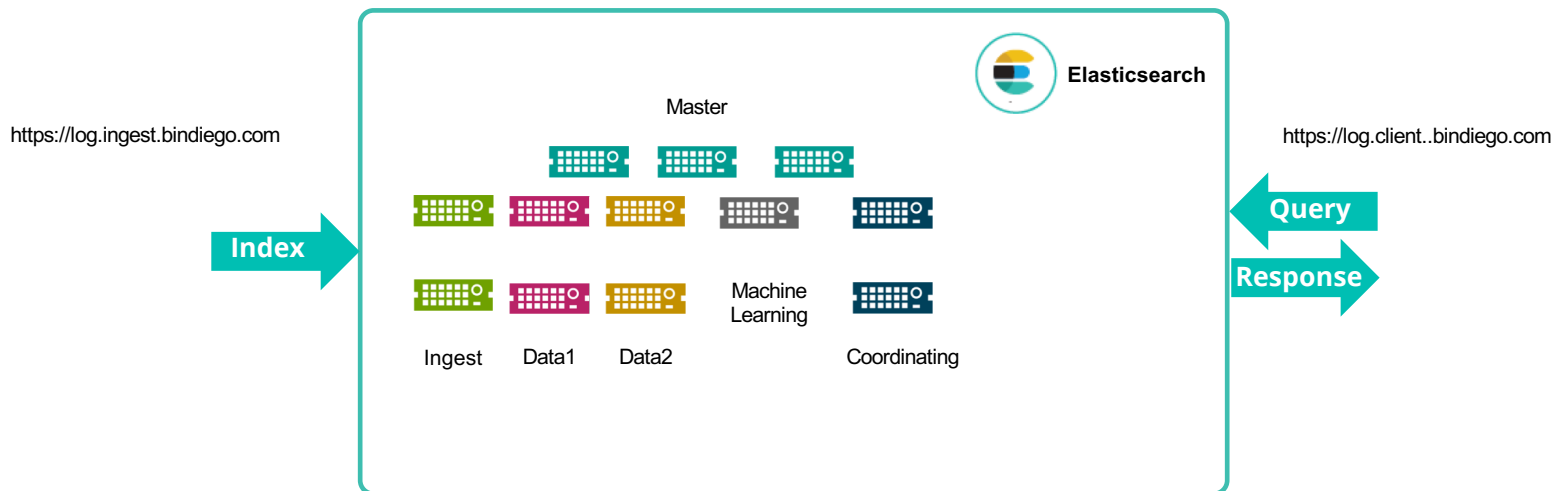
Elastic 中文社区

Elasticsearch 部署选项

- 自建
 - 公有云
 - Kubernetes / 容器服务 - ECK operator
 - 腾讯云 TKE
 - 阿里云 ACS
 - Azure Container Service
 - AWS EKS
 - Google GKE
 - Elastic Cloud
 - 私有云
- 为什么是容器服务
 - 存储
 - E.g. ChubaoFS
 - 对象存储 for snapshots
 - 网络
 - k8s learning curve
 - ES升级带来的性能提升
 - 建议规模
 - 10 - 50 节点

class ElasticsearchK8s

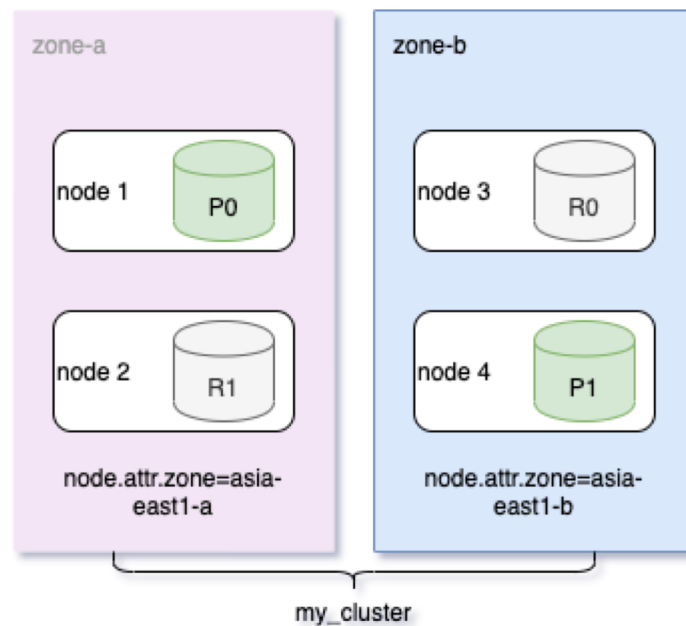
implements GKE



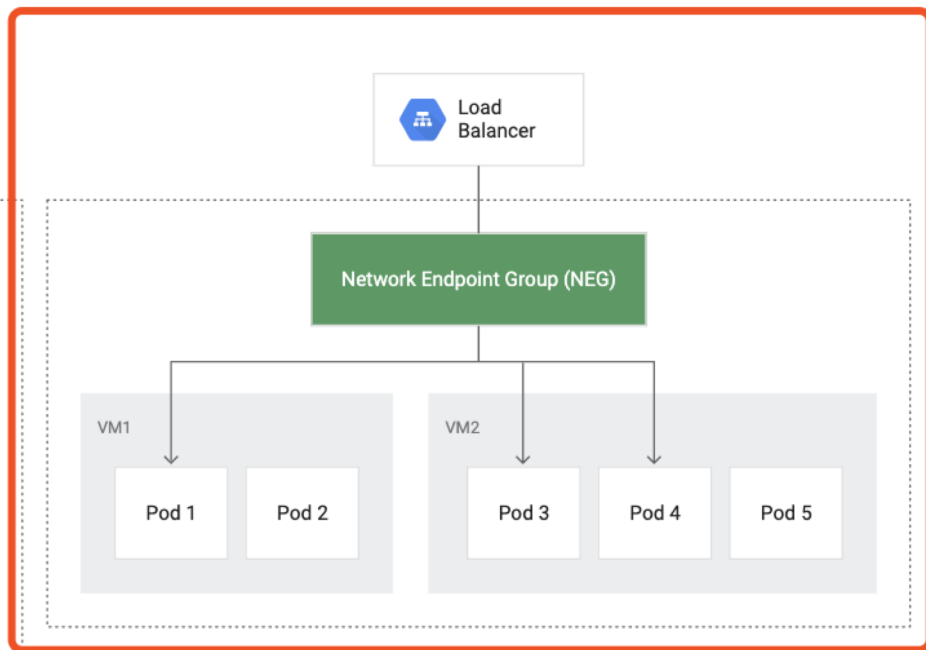
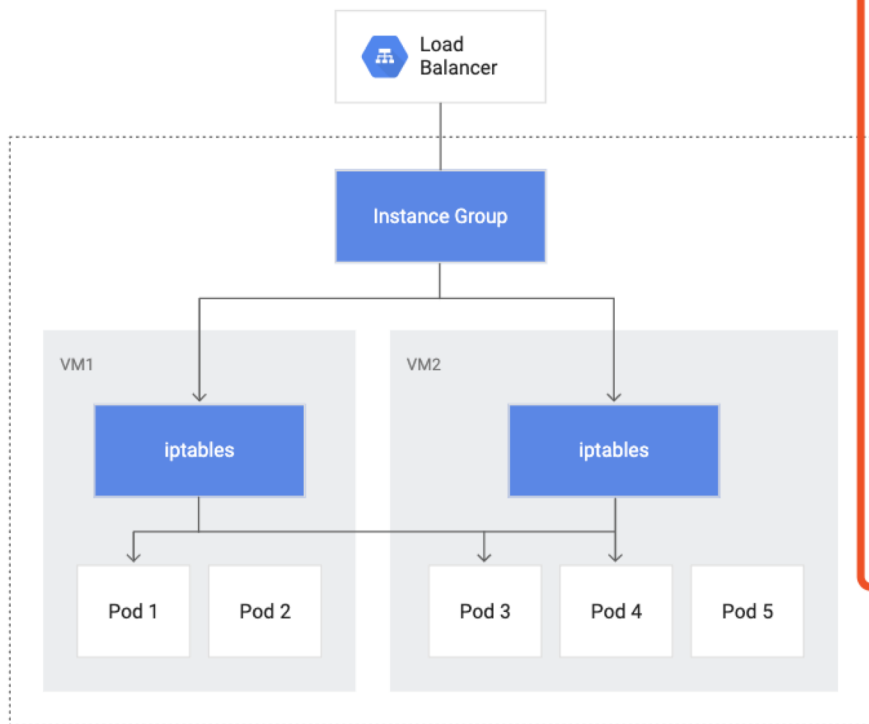
Shard allocation awareness

```
PUT _cluster/settings
```

```
{  
  "Persistent": {  
    "Cluster": {  
      "Routing": {  
        "Allocation.awareness.attributes": "zone"  
      }  
    }  
  }  
}
```



Ingress on GKE



Container-native LB

动手

https://github.com/bindiego/local_services/tree/develop/k8s/gke/elastic

其他 - 实时计算中ES的角色

<https://github.com/cloudymoma/raycom>

谢谢

