RabbitMQ Cluster

- Install RabbitMQ Cluster in Kubernetes

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Volumes

[cluster-operator/rabbitmq.yaml at main · rabbitmq/cluster-operator · GitHub]

we use local path storage provisioner

download latest rabbitmq operator:

```
https://github.com/rabbitmq/cluster-operator/releases/latest/download/cluster-operator.yml
sed -i 's/rabbitmqoperator\\/cluster-operator:2.2.0/{REGISTRY_IP}:{PORT}\\/rabbitmqoperator\\/cl
```

apply this file with editing image:

```
apiVersion: rabbitmq.com/v1beta1
kind: RabbitmqCluster
metadata:
  name: rabbitmq-production-ready
  namespace: infra
spec:
  replicas: 3
  image: {REGISTRY_IP}:{PORT}/rabbitmq:3.11.10-management
  persistence:
    storageClassName: local-path
    storage: 10Gi
  resources:
    requests:
      cpu: 500m
      memory: 1Gi
    limits:
      cpu: 20000m
      memory: 4Gi
  affinity:
    nodeAffinity:
      requiredDuringSchedulingIgnoredDuringExecution:
        nodeSelectorTerms:
          - matchExpressions:
            - key: infra
              operator: In
              values:
```

```
                - "true"
  rabbitmq:
    additionalConfig: |
      cluster_partition_handling = pause_minority
      vm_memory_high_watermark_paging_ratio = 0.99
      disk_free_limit.relative = 1.0
      collect_statistics_interval = 10000
      default_user_tags.administrator = true
      default_user = mavara
      default_pass = vw8Lh-*KZKATNbDb
  service:
    type: LoadBalancer
```

```
apiVersion: policy/v1beta1
kind: PodDisruptionBudget
metadata:
  name: production-ready-rabbitmq
  namespace: infra
spec:
  maxUnavailable: 1
  selector:
    matchLabels:
      app.kubernetes.io/name: rabbitmq-production-ready
```

end