

□□□k8s□redis□□□

Diagram illustrating the structure of a 128-bit key (k8sredisredis):

- The key is represented as a sequence of 128 bits, divided into four 32-bit segments.
- The segments are labeled: **k8s**, **redis**, **redis**, and an empty segment.

```

k8snodeport hostport bug nodeport

```

docker-compose.yml

```
version: "3"

services:

  forward-redis-gzxfzd:

    image: harbor.iovhm.com/hub/rancher/klipper-lb:v0.1.2
    restart: always # [ ]
    container_name: forward-redis-gzxfzd
    privileged: true # [ ]
    ports:

      - 56300:6379

    environment:

      - SRC_PORT=6379
      - DEST_PROTO=TCP
      - DEST_PORT=6379
      - DEST_IP=10.107.170.132
```

DEST IP IP

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pod[] ip[] ip[] ip[]

- **1 IP**

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kubectl get svc -n namespace_name
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[root@101 forward-redis-gzxfzd]# kubectl get svc -n g
NAME                                TYPE        CLUSTER-IP    EXTERNAL-IP    PORT(S)          AGE
hardware-docking                   ClusterIP    10.107.233.246 <none>         10018/TCP        2d9h
jfast-auth                         ClusterIP    10.106.186.136 <none>         10001/TCP        2d9h
jfast-basic                        ClusterIP    10.102.202.100 <none>         10003/TCP        2d9h
jfast-devops-center                ClusterIP    10.98.16.17    <none>         9530/TCP         2d9h
jfast-gateway                      ClusterIP    10.98.149.126 <none>         9527/TCP         2d9h
jfast-oa-services                  ClusterIP    10.99.11.37    <none>         10014/TCP        23h
jfast-property                     ClusterIP    10.108.194.188 <none>         10015/TCP        2d9h
jfast-public                       ClusterIP    10.100.71.147  <none>         10007/TCP        2d9h
jfast-research-center              ClusterIP    10.108.221.67  <none>         10019/TCP        23h
jfast-safety                       ClusterIP    10.105.80.193  <none>         10017/TCP        2d9h
jfast-talent                       ClusterIP    10.102.180.154 <none>         10016/TCP        2d9h
jfast-visitor                      ClusterIP    10.110.115.12  <none>         10013/TCP        2d9h
jfast-webui                        ClusterIP    10.97.37.173   <none>         80/TCP           25h
mysql                              ClusterIP    10.104.6.5     <none>         3306/TCP         2d9h
nacos-server                       ClusterIP    10.97.249.141  <none>         8848/TCP,9848/TCP 2d9h
ohd-server                         ClusterIP    10.98.235.232  <none>         8089/TCP,8843/TCP 2d9h
otter-server                       ClusterIP    10.107.136.158 <none>         8080/TCP         2d9h
redis                              ClusterIP    10.107.170.132 <none>         6379/TCP         2d9h

```

- 2rancherIP

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集群

🚚

工作负载

📁

K8S

🔧

应用

🔍

服务发现

📦

HorizontalPodAutoscaler

📶

Ingress

🔑

Service

💾

存储

📜

策略

🔗

更多资源

🔧 集群工具

k8s

<input type="checkbox"/>	Active	jfast-gateway	gzxfzd	10.98.149.126:9527	📶 9527/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-gateway
<input type="checkbox"/>	Active	jfast-oa-services	gzxfzd	10.99.11.37:10014	📶 10014/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-oa-services
<input type="checkbox"/>	Active	jfast-property	gzxfzd	10.108.194.188:10015	📶 10015/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-property
<input type="checkbox"/>	Active	jfast-public	gzxfzd	10.100.71.147:10007	📶 10007/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-public
<input type="checkbox"/>	Active	jfast-research-center	gzxfzd	10.108.221.67:10019	📶 10019/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-research-center
<input type="checkbox"/>	Active	jfast-safety	gzxfzd	10.105.80.193:10017	📶 10017/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-safety
<input type="checkbox"/>	Active	jfast-talent	gzxfzd	10.102.180.154:10016	📶 10016/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-talent
<input type="checkbox"/>	Active	jfast-visitor	gzxfzd	10.110.115.12:10013	📶 10013/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-visitor
<input type="checkbox"/>	Active	jfast-webui	gzxfzd	80tcp	📶 80/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-webui
<input type="checkbox"/>	Active	mysql	gzxfzd	10.104.6.5:3306	📶 3306/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-mysql
<input type="checkbox"/>	Active	nacos-server	gzxfzd	10.97.249.141:8848	📶 8848/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-nacos-server
<input type="checkbox"/>	Active	obd-server	gzxfzd	10.98.235.232:8089	📶 8089/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-obd-server
<input type="checkbox"/>	Active	otter-server	gzxfzd	8080tcp02	📶 8080/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-otter-server
<input type="checkbox"/>	Active	redis	gzxfzd	10.107.170.132:6379	📶 6379/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-redis

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• 📦📦📦pod📦📦📦

<input type="checkbox"/>	Active	redis	gzxfzd	10.107.170.132:6379	📶 6379/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-redis
<input type="checkbox"/>	Active	redis-nodeport	gzxfzd	[任何节点]:31282		workload.user.cattle.io/workloadselector=apps.deployment-gzxfzd-redis

• 📦📦📦nodeport📦📦

Service: 创建

Service 用于定义一组可以使用单个 IP 地址和端口访问的逻辑 Pod。

The diagram illustrates five types of Kubernetes Services, each represented by a colored circle with a letter and a corresponding description:

- Cluster IP (IP):** Expose a set of Pods to other Pods within the cluster. This type of Service is only reachable from within the cluster. This is the default type.
- External Name (EN):** Create a Service that uses a DNS name instead of selectors. This is an advanced use case.
- Headless (H):** Create a Service without a cluster IP or load balancer. This is an advanced use case.
- Load Balancer (LB):** Create a load balancer in the underlying infrastructure (e.g. a cloud provider's load balancer) and assign a public IP address to the service. Allows external clients to access the service using the public IP address and the port specified in the service definition.
- Node Port (NP):** Expose the service on each node's IP at a static port.

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Service: 创建 NodePort

Service 用于定义一组可以使用单个 IP 地址和端口访问的逻辑 Pod。

命名空间

gxfzd

名称

redis-noeport

描述

输入可以描述该资源的文本

服务端口

会话保持

选择器

IP 地址

标签 & 注释

服务端口

端口名称

tcp6379

添加

监听端口

6379

目标端口

6379

Node Port

例如: 30000

移除

这个地方最好让他自己生成，以免冲突

- [illegible]

<input type="checkbox"/>	Active	redis	gxfzd	10.107.170.132:6379 ¹ 6379/TCP	workload.user.cattle.io/workloadselector=apps.deployment-gxfzd-redis
<input type="checkbox"/>	Active	redis-nodeport	gxfzd	[任何节点]:31282	workload.user.cattle.io/workloadselector=apps.deployment-gxfzd-redis

#15

18 2024 17:09:35

18 2024 18:22:35