

问题描述

分析器postgresql组件检查

过程分析

- 1、kubectl get po -nsa | grep stolon得到pg_pod
- 2、执行kubectl get svc -nsa itoa-postgresql-inner -ojsOnpath="{.spec.clusterIP}"得到pg_svc_ip
- 3、执行kubectl exec -i -nsa \${pg_pod} -- timeout 30 psql -h \${pg_svc_ip} -p 5400 postgres -U postgres -c "select 1" 检查postgresql组件是否正常运行。
- 4、echo \${pg_passwd} | kubectl exec -nsa -i \${pg_pod} -- timeout 30 psql -h itoa-postgresql.sa -p 5432 postgres -U postgres -c "select count(1) from pg_stat_activity" 获取当前pg连接数，若sql语句有返回值，则表示正常；若sql查询语句无返回值，则表示pg pod异常

解决方法

pg连接数建议不超过1100

```
[root@seeranalyzer ~]# kubectl get po -nsa | grep stolon
stolon-keeper-6p4ch                1/1    Running    1        22d
stolon-proxy-74674b4cc9-b578l     1/1    Running    1        22d
stolon-sentinel-mtxd9              1/1    Running    1        22d
[root@seeranalyzer ~]# kubectl get svc -nsa itoa-postgresql-inner -ojsOnpath="{.spec.clusterIP}"
10.96.38.60
[root@seeranalyzer ~]#
[root@seeranalyzer ~]#
[root@seeranalyzer ~]#
[root@seeranalyzer ~]# kubectl exec -i -nsa stolon-keeper-6p4ch -- timeout 30 psql -h 10.96.38.60 -p 5400 postgres -U postgres -c "select 1"
Password for user postgres: postgres
?column?
-----
1
(1 row)
[root@seeranalyzer ~]# echo postgres | kubectl exec -nsa -i stolon-keeper-6p4ch -- timeout 30 psql -h itoa-postgresql.sa -p 5432 postgres -U postgres -c "select count(1) from pg_stat_activity"
Password for user postgres:
count
-----
509
(1 row)
[root@seeranalyzer ~]# echo postgres | kubectl exec -nsa -i stolon-proxy-74674b4cc9-b578l -- timeout 30 psql -h itoa-postgresql.sa -p 5432 postgres -U postgres -c "select count(1) from pg_stat_activity"
Password for user postgres:
count
-----
509
(1 row)
[root@seeranalyzer ~]# echo postgres | kubectl exec -nsa -i stolon-sentinel-mtxd9 -- timeout 30 psql -h itoa-postgresql.sa -p 5432 postgres -U postgres -c "select count(1) from pg_stat_activity"
Password for user postgres:
count
-----
514
(1 row)
```