2022-11-15 Redis 錯誤事件說明

任務需求

現有 VS 源站 Redis Server 內的配置,是一主(port: 6377)一從(port: 6380);縱然設定檔有分別寫成 redis-6377.conf 與 redis-6380.conf,但是資料位置都寫到同樣的兩個檔案:`appendonly.aof` 與 `dump.rdb` ;此次實作預計修改兩份 .conf,讓檔案區分出不同來源,預計為:

appendonly-6377.aof

appendonly-6380.aof

dump-6377.rdb

dump-6380.rdb

發生時間

- 2022-11-15 15:00 左右
- Server 依序重啟:10.23.1.122、10.23.1.121、10.23.1.120

問題發生一

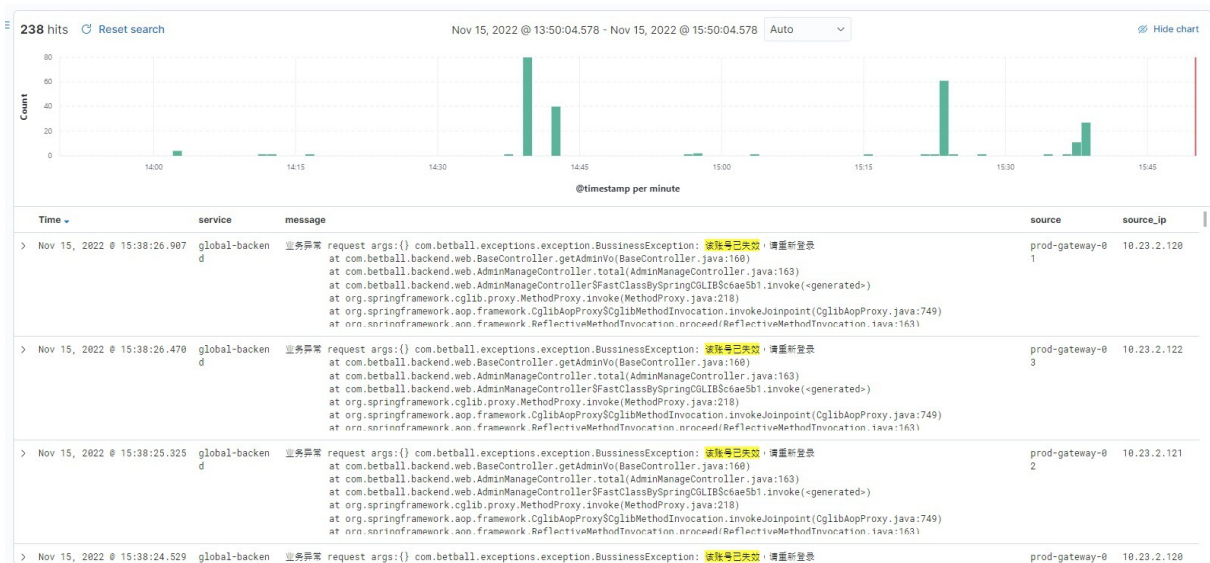- RD 發現 redis很多配置都消失了
- 錯誤:雖然資料寫到新的檔案,但是舊的配置並沒有帶到新檔案,故原本的配置會找不到

問題處理一

- 恢復原本的 .conf 內容
- Server 服務依序重啟

問題發生二

- 主從不同步

- 多組帳號失效

Time ▾	service	message	source	source_ip
Nov 15, 2022 @ 15:38:26.907	global-backend	业务异常 request args:{} com.betball.exceptions.exception.BussinessException: 该账号已失效，请重新登录 at com.betball.backend.web.BaseController.getAdminVo(BaseController.java:160) at com.betball.backend.web.AdminManageController.total(AdminManageController.java:163) at com.betball.backend.web.AdminManageController$FastClassBySpringCGLIB$c6ae5b1.invoke(<generated>) at org.springframework.cglib.proxy.MethodProxy.invoke(MethodProxy.java:218) at org.springframework.aop.framework.CglibAopProxy$CglibMethodInvocation.invokeJoinpoint(CglibAopProxy.java:749) at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:163)	prod-gateway-01	10.23.2.120
Nov 15, 2022 @ 15:38:26.470	global-backend	业务异常 request args:{} com.betball.exceptions.exception.BussinessException: 该账号已失效，请重新登录 at com.betball.backend.web.BaseController.getAdminVo(BaseController.java:160) at com.betball.backend.web.AdminManageController.total(AdminManageController.java:163) at com.betball.backend.web.AdminManageController$FastClassBySpringCGLIB$c6ae5b1.invoke(<generated>) at org.springframework.cglib.proxy.MethodProxy.invoke(MethodProxy.java:218) at org.springframework.aop.framework.CglibAopProxy$CglibMethodInvocation.invokeJoinpoint(CglibAopProxy.java:749) at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:163)	prod-gateway-03	10.23.2.122
Nov 15, 2022 @ 15:38:25.325	global-backend	业务异常 request args:{} com.betball.exceptions.exception.BussinessException: 该账号已失效，请重新登录 at com.betball.backend.web.BaseController.getAdminVo(BaseController.java:160) at com.betball.backend.web.AdminManageController.total(AdminManageController.java:163) at com.betball.backend.web.AdminManageController$FastClassBySpringCGLIB$c6ae5b1.invoke(<generated>) at org.springframework.cglib.proxy.MethodProxy.invoke(MethodProxy.java:218) at org.springframework.aop.framework.CglibAopProxy$CglibMethodInvocation.invokeJoinpoint(CglibAopProxy.java:749) at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:163)	prod-gateway-02	10.23.2.121
Nov 15, 2022 @ 15:38:24.529	global-backend	业务异常 request args:{} com.betball.exceptions.exception.BussinessException: 该账号已失效，请重新登录	prod-gateway-0	10.23.2.120

問題處理二

- slot 分配錯誤，多次重啟服務讓它導回正確的 datanode

```
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5462, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5463, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5464, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5465, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5466, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5467, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5468, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5469, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5470, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5471, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5472, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5473, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5474, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5475, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5476, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5477, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5478, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5479, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5480, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5481, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5482, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5483, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5484, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5485, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5486, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5487, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5488, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5489, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5490, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5491, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5492, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5493, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5494, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5495, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5496, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5497, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5498, but the slot is assigned to another node. Setting it to importing state.
16457:M 15 Nov 2022 16:30:22.880 # I have keys for slot 5499, but the slot is assigned to another node. Setting it to importing state.
```

本次教訓

- 就算是在大版更進行時動作，也要告知 TC 與系統組、共同監控變更後的系統狀況

- 步驟規劃不夠周延，要在 UAT 環境演練過所有可能情形

未來建議步驟

先修改 Slave（port: 6380）的 .conf 檔案，讓備份檔導去新的位置：appendonly-6380.aof、dump-6380.rdb；而 Master（port: 6377）的 .conf 檔案先不動，讓原本的檔案變成 Master 專屬的資料位置。