

关于容器一直重启Fatal: Can 't initialize Background Jobs问题

原创

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分类专栏:

docker

Linux

redis

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docker

最近在做学习 黑马头条 项目，在连接虚拟机上的redis时始终连接失败，起初以为是相关配置问题，或是防火墙的问题，修改后几经失败查看容器详情信息，发现了之前一直忽略的点

```
01/tcp          nifty_cannon
0506d2631165    nacos/nacos-server:1.2.0    "bin/docker-startup...."    2 years ago    Up 4 minutes    0.0.0.0:8848->88
48/tcp          nacos
[root@itcast ~]# docker start /redis
/redis
[root@itcast ~]# docker ps -a
CONTAINER ID    IMAGE    NAMES    COMMAND    CREATED    STATUS    PORTS
39406b24f2b7    redis    redis    "docker-entrypoint.s..."    27 seconds ago    Exited (1) 2 seconds ago
225ea20d9bcc    seataio/seata-server:1.3.0    seata    "java -Djava.securit..."    2 years ago    Up 4 minutes    0.0.0.0:8091->80
91/tcp          seata
3b4e615e0fd2    wurstmeister/kafka:2.12-2.3.1    kafka    "start-kafka.sh"    2 years ago    Up 4 minutes
ac4dc0ef456e    zookeeper:3.4.14    "/docker-entrypoint...."    2 years ago    Up 4 minutes    2888/tcp, 0.0.0.
0:2181->2181/tcp, 3888/tcp    zookeeper
```

利用拉取的 redis 镜像创建的容器一直没有端口号，且状态一直在重启，这就十分异常了，使用 docker logs /redis 查看日志发现标题问题 Fatal: Can't initialize Background Jobs，容器一直在重启中

```

[root@itcast ~]# docker logs /redis
1:C 02 Aug 2023 06:11:14.553 # o000o000o000o Redis is starting o000o000o000o
1:C 02 Aug 2023 06:11:14.553 # Redis version=7.0.12, bits=64, commit=00000000, modified=0, pid=1, just started
1:C 02 Aug 2023 06:11:14.553 # Configuration loaded
1:M 02 Aug 2023 06:11:14.554 * monotonic clock: POSIX clock_gettime
1:M 02 Aug 2023 06:11:14.556 * Running mode=standalone, port=6379.
1:M 02 Aug 2023 06:11:14.556 # WARNING: The TCP backlog setting of 511 cannot be enforced because /proc/sys/net/core/somaxconn is set to the
lower value of 128.
1:M 02 Aug 2023 06:11:14.556 # Server initialized
1:M 02 Aug 2023 06:11:14.556 # WARNING Memory overcommit must be enabled! Without it, a background save or replication may fail under low me
memory condition. Being disabled, it can can also cause failures without low memory condition, see https://github.com/jemalloc/jemalloc/issues
/1328. To fix this issue add 'vm.overcommit_memory = 1' to /etc/sysctl.conf and then reboot or run the command 'sysctl vm.overcommit_memory=
1' for this to take effect.
1:M 02 Aug 2023 06:11:14.556 # Fatal: Can't initialize Background Jobs.
1:C 02 Aug 2023 06:11:15.119 # o000o000o000o Redis is starting o000o000o000o

```

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百度后发现相似问题，具体原因可能是Linux环境和docker环境与redis版本不兼容，查看本机镜像后想起在创建容器前拉取了最新的镜像，于是根据网上的解决方案拉取了5.0版本的redis

```

[root@itcast ~]# docker images
REPOSITORY          TAG                 IMAGE ID            C
redis                latest              e0ce02f88b58      4

```

删除之前创建的容器，利用redis 5.0 镜像创建新的容器

```

[root@itcast ~]# docker run -d --name redis --restart=always -p 6379:6379 redis:5.0 --requirepass "leadnews"
f82e0ac4da8524149c9b36980fa2e735437a6577469c046ccf822e7134245cc1
[root@itcast ~]# docker ps -a

```

CONTAINER ID	IMAGE	NAMES	COMMAND	CREATED	STATUS	PORTS
f82e0ac4da85	redis:5.0	redis	"docker-entrypoint.s..."	8 seconds ago	Up 7 seconds	0.0.0.0:6379->6379/tcp
225ea20d9bcc	seataio/seata-server:1.3.0	seata	"java -Djava.securit..."	2 years ago	Up 14 minutes	0.0.0.0:8091->8091/tcp
3b4e615e0fd2	wurstmeister/kafka:2.12-2.3.1	kafka	"start-kafka.sh"	2 years ago	Up 14 minutes	

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镜像创建成功，状态正常，外部连接成功，问题得解