参考资料：https://ask.oceanbase.com/t/topic/35606189/6?_gl=1bah97w_gaNjE5MDE1OTQxLjE2OTExMTA1MjA._ga_T35KTM57DZ

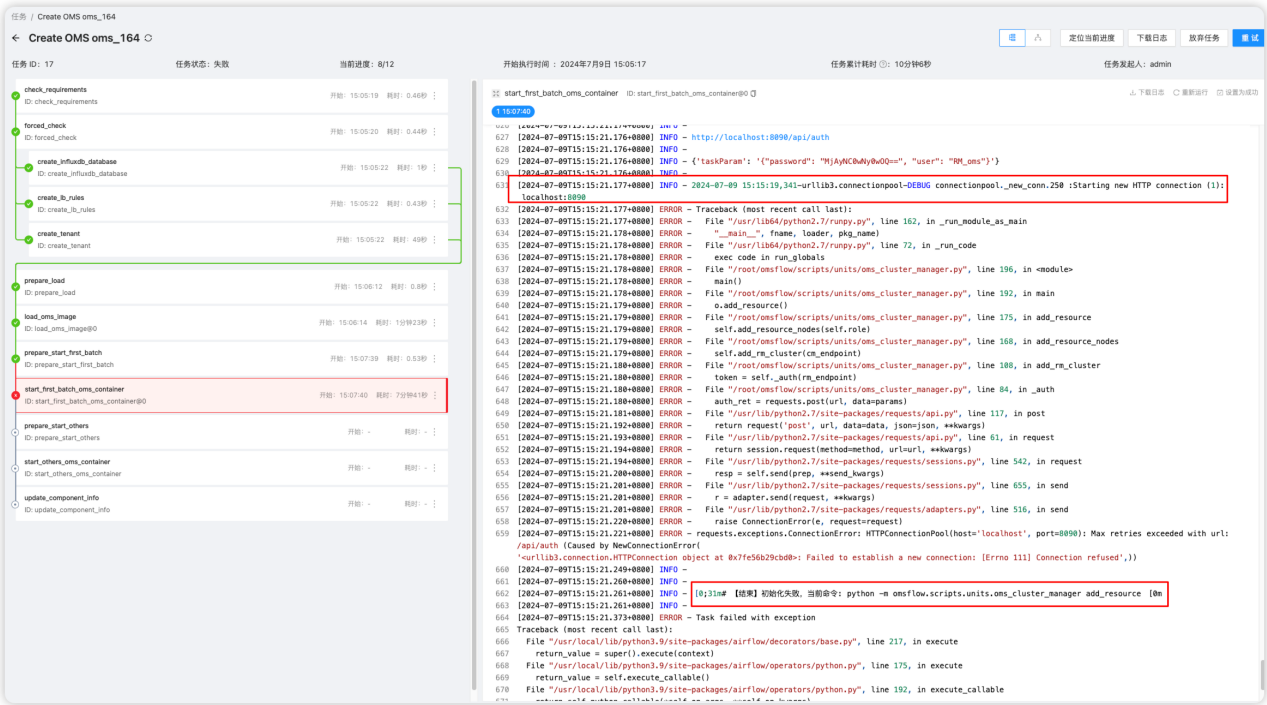
# 一、环境信息

OAT：4.2.0 BP2

OMS：4.2.2

# 二、报错

urllib3.connectionpool-DEBUG connectionpool._new_conn.250 :Starting new HTTP connection (1): localhost:8090



```
[2024-07-09T15:15:21.091+0800] INFO - add connector tag store_to_rocketmq_sink to 10.186.64.164
[2024-07-09T15:15:21.092+0800] INFO -
[2024-07-09T15:15:21.092+0800] INFO -
[2024-07-09T15:15:21.092+0800] INFO - 2024-07-09 15:15:19,267-urllib3.connectionpool-DEBUG connectionpool._new_conn.250 :Starting new HTTP connection (1): 127.0.0.1:8088
[2024-07-09T15:15:21.169+0800] INFO - 2024-07-09 15:15:19,336-urllib3.connectionpool-DEBUG connectionpool._make_request.483 :http://127.0.0.1:8088 "POST /resource/host/tag/add HTTP/1.1" 200 1940
[2024-07-09T15:15:21.172+0800] INFO - {"data":[{"gmtCreate":1720509317000,"gmtModified":1720509317000,"id":1,"ip":"10.186.64.164","status":0,"tagId":3},{"gmtCreate":1720509317000,"gmtModified":1720509317000,"id":2,"ip":"10.186.64.164","status":0,"tagId":2},{"gmtCreate":1720509317000,"gmtModified":1720509317000,"id":3,"ip":"10.186.64.164","status":0,"tagId":4},{"gmtCreate":1720509318000,"gmtModified":1720509318000,"id":4,"ip":"10.186.64.164","status":0,"tagId":9},{"gmtCreate":1720509318000,"gmtModified":1720509318000,"id":5,"ip":"10.186.64.164","status":0,"tagId":10},{"gmtCreate":1720509318000,"gmtModified":1720509318000,"id":6,"ip":"10.186.64.164","status":0,"tagId":29},{"gmtCreate":1720509318000,"gmtModified":1720509318000,"id":7,"ip":"10.186.64.164","status":0,"tagId":28},{"gmtCreate":1720509318000,"gmtModified":1720509318000,"id":8,"ip":"10.186.64.164","status":0,"tagId":30},{"gmtCreate":1720509318000,"gmtModified":1720509318000,"id":9,"ip":"10.186.64.164","status":0,"tagId":20},{"gmtCreate":1720509318000,"gmtModified":1720509318000,"id":10,"ip":"10.186.64.164","status":0,"tagId":23},{"gmtCreate":1720509318000,"gmtModified":1720509318000,"id":11,"ip":"10.186.64.164","status":0,"tagId":24},{"gmtCreate":1720509318000,"gmtModified":1720509318000,"id":12,"ip":"10.186.64.164","status":0,"tagId":27},{"gmtCreate":1720509318000,"gmtModified":1720509318000,"id":13,"ip":"10.186.64.164","status":0,"tagId":25},{"gmtCreate":1720509319000,"gmtModified":1720509319000,"id":14,"ip":"10.186.64.164","status":0,"tagId":26},{"gmtCreate":1720509319000,"gmtModified":1720509319000,"id":15,"ip":"10.186.64.164","status":0,"tagId":12},{"gmtCreate":1720509319000,"gmtModified":1720509319000,"id":16,"ip":"10.186.64.164","status":0,"tagId":14},{"gmtCreate":1720509319000,"gmtModified":1720509319000,"id":17,"ip":"10.186.64.164","status":0,"tagId":17},{"gmtCreate":1720509319000,"gmtModified":1720509319000,"id":18,"ip":"10.186.64.164","status":0,"tagId":18}],"isSuccess":true}
[2024-07-09T15:15:21.173+0800] INFO -
[2024-07-09T15:15:21.174+0800] INFO - http://localhost:8090
[2024-07-09T15:15:21.174+0800] INFO -
[2024-07-09T15:15:21.176+0800] INFO - http://localhost:8090/api/auth
```

```
[2024-07-09T15:15:21.176+0800] INFO -
[2024-07-09T15:15:21.176+0800] INFO - {'taskParam': '{"password": "MjAyNC0wNy0wOQ==", "user": "RM_oms"}'}
[2024-07-09T15:15:21.176+0800] INFO -
[2024-07-09T15:15:21.177+0800] INFO - 2024-07-09 15:15:19,341- urllib3.connectionpool-DEBUG connectionpool._new_conn.250 :Starting new HTTP connection (1): localhost:8090
[2024-07-09T15:15:21.177+0800] ERROR - Traceback (most recent call last):
[2024-07-09T15:15:21.177+0800] ERROR -   File "/usr/lib64/python2.7/runpy.py", line 162, in _run_module_as_main
[2024-07-09T15:15:21.178+0800] ERROR -     "__main__", fname, loader, pkg_name)
[2024-07-09T15:15:21.178+0800] ERROR -   File "/usr/lib64/python2.7/runpy.py", line 72, in _run_code
[2024-07-09T15:15:21.178+0800] ERROR -     exec code in run_globals
[2024-07-09T15:15:21.178+0800] ERROR -   File "/root/omsflow/scripts/units/oms_cluster_manager.py", line 196, in <module>
[2024-07-09T15:15:21.178+0800] ERROR -     main()
[2024-07-09T15:15:21.178+0800] ERROR -   File "/root/omsflow/scripts/units/oms_cluster_manager.py", line 192, in main
[2024-07-09T15:15:21.179+0800] ERROR -     o.add_resource()
[2024-07-09T15:15:21.179+0800] ERROR -   File "/root/omsflow/scripts/units/oms_cluster_manager.py", line 175, in add_resource
[2024-07-09T15:15:21.179+0800] ERROR -     self.add_resource_nodes(self.role)
[2024-07-09T15:15:21.179+0800] ERROR -   File "/root/omsflow/scripts/units/oms_cluster_manager.py", line 168, in add_resource_nodes
[2024-07-09T15:15:21.179+0800] ERROR -     self.add_rm_cluster(cm_endpoint)
[2024-07-09T15:15:21.180+0800] ERROR -   File "/root/omsflow/scripts/units/oms_cluster_manager.py", line 108, in add_rm_cluster
[2024-07-09T15:15:21.180+0800] ERROR -     token = self._auth(rm_endpoint)
[2024-07-09T15:15:21.180+0800] ERROR -   File "/root/omsflow/scripts/units/oms_cluster_manager.py", line 84, in _auth
[2024-07-09T15:15:21.180+0800] ERROR -     auth_ret = requests.post(url, data=params)
[2024-07-09T15:15:21.181+0800] ERROR -   File "/usr/lib/python2.7/site-packages/requests/api.py", line 117, in post
[2024-07-09T15:15:21.192+0800] ERROR -     return request('post', url, data=data, json=json, **kwargs)
[2024-07-09T15:15:21.193+0800] ERROR -   File "/usr/lib/python2.7/site-packages/requests/api.py", line 61, in request
[2024-07-09T15:15:21.194+0800] ERROR -     return session.request(method=method, url=url, **kwargs)
[2024-07-09T15:15:21.194+0800] ERROR -   File "/usr/lib/python2.7/site-packages/requests/sessions.py", line 542, in request
```

```
[2024-07-09T15:15:21.200+0800] ERROR -     resp = self.send(prep, **send_kwargs)
[2024-07-09T15:15:21.201+0800] ERROR -   File "/usr/lib/python2.7/site-packages/requests/sessions.py", line 655, in send
[2024-07-09T15:15:21.201+0800] ERROR -     r = adapter.send(request, **kwargs)
[2024-07-09T15:15:21.201+0800] ERROR -   File "/usr/lib/python2.7/site-packages/requests/adapters.py", line 516, in send
[2024-07-09T15:15:21.220+0800] ERROR -     raise ConnectionError(e, request=request)
[2024-07-09T15:15:21.221+0800] ERROR - requests.exceptions.ConnectionError: HTTPConnectionPool(host='localhost', port=8090): Max retries exceeded with url: /api/auth (Caused by NewConnectionError('<urllib3.connection.HTTPConnection object at 0x7fe56b29cbd0>: Failed to establish a new connection: [Errno 111] Connection refused',))
[2024-07-09T15:15:21.249+0800] INFO -
[2024-07-09T15:15:21.260+0800] INFO -
[2024-07-09T15:15:21.261+0800] INFO - [0;31m# 【结束】初始化失败，当前命令：python -m omsflow.scripts.units.oms_cluster_manager add_resource [0m
[2024-07-09T15:15:21.261+0800] INFO -
[2024-07-09T15:15:21.373+0800] ERROR - Task failed with exception
Traceback (most recent call last):
  File "/usr/local/lib/python3.9/site-packages/airflow/decorators/base.py", line 217, in execute
    return_value = super().execute(context)
  File "/usr/local/lib/python3.9/site-packages/airflow/operators/python.py", line 175, in execute
    return_value = self.execute_callable()
  File "/usr/local/lib/python3.9/site-packages/airflow/operators/python.py", line 192, in execute_callable
    return self.python_callable(*self.op_args, **self.op_kwargs)
  File "/oat/task_engine/dags/init_oms.py", line 141, in start_first_batch_oms_container
    common.execute_oms_command(client, ctx, start_command, 'start_first_batch_oms_container', logger)
  File "/oat/task_engine/plugins/common.py", line 591, in execute_oms_command
    raise RuntimeError(f'{error_tips}')
RuntimeError: start oms container failed
[2024-07-09T15:15:21.409+0800] INFO - Marking task as FAILED. dag_id=init_oms, task_id=start_first_batch_oms_container, map_index=0, execution_date=20240709T070517, start_date=20240709T070740, end_date=20240709T071521
[2024-07-09T15:15:21.503+0800] ERROR - Failed to execute job 1006 for task start_first_batch_oms_container (start oms container failed; 15422)
[2024-07-09T15:15:21.533+0800] INFO - Task exited with return code 1
```

# 三、解决方法

1. 登入 oms docker

```
docker exec -it oms bash
```

2. 确认 8090 端口是否被占用

```
netstat -tlnp|grep 8090
```

```
[root@10-186-64-164-omsoracle ~]# netstat -tlnp|grep 8090
[root@10-186-64-164-omsoracle ~]#
```

3. 在OMS容器里执行报错的语句

```
python -m omsflow.scripts.units.oms_cluster_manager add_resource
```

```
[root@10-186-64-164-omsoracle ~]# python -m omsflow.scripts.units.oms_cluster_manager add_resource

/root/omsflow
Will add cm_nodes ['10.186.64.164']

Add host by ip 10.186.64.164

2024-07-09 15:39:58,138-urllib3.connectionpool-DEBUG connectionpool._new_conn.250 :Starting new HTTP connection (1): 127.0.0.1:8088
2024-07-09 15:39:58,581-urllib3.connectionpool-DEBUG connectionpool._make_request.483 :http://127.0.0.1:8088 "POST /resource/host/add HTTP/1.1" 200 594
{"errMsg":"build host with default config.because some of the config items are not set","data":{"congoBook":0,"congoLimit":-1,"congoUsage":0,"cpuBook":0.0,
"cpuLimit":-1.0,"cpuUsage":0.0,"fullCheckBook":0,"fullCheckLimit":-1,"fullCheckUsage":0,"gmtCreate":1720509317000,"gmtModified":1720510785000,"hostPoolId":
null,"hostStatus":"ONLINE","id":1,"ip":"10.186.64.164","jdbcWriterBook":0,"jdbcWriterLimit":-1,"jdbcWriterUsage":0,"ldc":null,"metaqWriterBook":0,"metaqWri
terLimit":-1,"metaqWriterUsage":0,"resourceGroupId":1,"storeBook":0,"storeLimit":-1,"storeUsage":0,"version":0},"isSuccess":true}


add tag ob10 to 10.186.64.164



2024-07-09 15:39:58,585-urllib3.connectionpool-DEBUG connectionpool._new_conn.250 :Starting new HTTP connection (1): 127.0.0.1:8088
2024-07-09 15:39:58,711-urllib3.connectionpool-DEBUG connectionpool._make_request.483 :http://127.0.0.1:8088 "POST /resource/host/tag/add HTTP/1.1" 200 194
0
```

中间输出略

```
add cm group oms

2024-07-09 15:40:01,699-urllib3.connectionpool-DEBUG connectionpool._new_conn.250 :Starting new HTTP connection (1): localhost:8090
2024-07-09 15:40:01,864-urllib3.connectionpool-DEBUG connectionpool._make_request.483 :http://localhost:8090 "POST /api/admin/clustergroup/add HTTP/1.1" 20
0 None
{"success":false,"code":0,"msg":"Entry [ShenZhen] already exist in cluster_group table.","data":null}

add location cm

2024-07-09 15:40:01,904-urllib3.connectionpool-DEBUG connectionpool._new_conn.250 :Starting new HTTP connection (1): 127.0.0.1:8088
2024-07-09 15:40:02,078-urllib3.connectionpool-DEBUG connectionpool._make_request.483 :http://127.0.0.1:8088 "POST /locationCm/add HTTP/1.1" 200 1060
{"errCode":null,"errMsg":"org.springframework.dao.DuplicateKeyException: \n### Error updating database.  Cause: shade.com.mysql.jdbc.exceptions.jdbc4.MySQL
IntegrityConstraintViolationException: Duplicate entry '100' for key 'uk_location'\n### The error may exist in file [/u01/ds/cm/package/deployapp/work/jett
y-0.0.0.0-8088-cm.war-_-any-/webapp/WEB-INF/classes/mapping/consumerMapper.xml]\n### The error may involve com.alibaba.drc.dao.ConsumerDao.insertLocationCm
-Inline\n### The error occurred while setting parameters\n### SQL: insert into location_cm   (id, location, cm_url, status, gmt_created, gmt_modified)   va
lues   (?, ?,?,?, now(),now())\n### Cause: shade.com.mysql.jdbc.exceptions.jdbc4.MySQLIntegrityConstraintViolationException: Duplicate entry '100' for key
'uk_location'\n; SQL []; Duplicate entry '100' for key 'uk_location'; nested exception is shade.com.mysql.jdbc.exceptions.jdbc4.MySQLIntegrityConstraintVio
lationException: Duplicate entry '100' for key 'uk_location'","errorDetail":null,"isSuccess":false,"result":null,"retryable":null}

2024-07-09 15:40:02,084-urllib3.connectionpool-DEBUG connectionpool._new_conn.250 :Starting new HTTP connection (1): 127.0.0.1:8088
2024-07-09 15:40:02,217-urllib3.connectionpool-DEBUG connectionpool._make_request.483 :http://127.0.0.1:8088 "POST /consumer/create HTTP/1.1" 200 426
{"errMsg":"Consumer already exists:drc reason: Consumer already exists:drc","errorDetail":{"code":"CM-RESOIE000003","extraContext":null,"level":"ERROR","me
ssage":"Consumer already exists:drc","messageMcmsContext":null,"messageMcmsKey":null,"proposal":null,"proposalMcmsContext":null,"proposalMcmsKey":null,"rea
son":null,"reasonMcmsContext":null,"reasonMcmsKey":null,"upstreamErrorDetail":null},"errCode":302,"isSuccess":false}
```

4. 确认 8090 端口已启用

```
netstat -tlnp|grep 8090
```

```
[root@10-186-64-164-omsoracle ~]# netstat -tlnp|grep 8090
tcp6       0      0 :::8090                 :::*                    LISTEN      723/java
[root@10-186-64-164-omsoracle ~]#
```

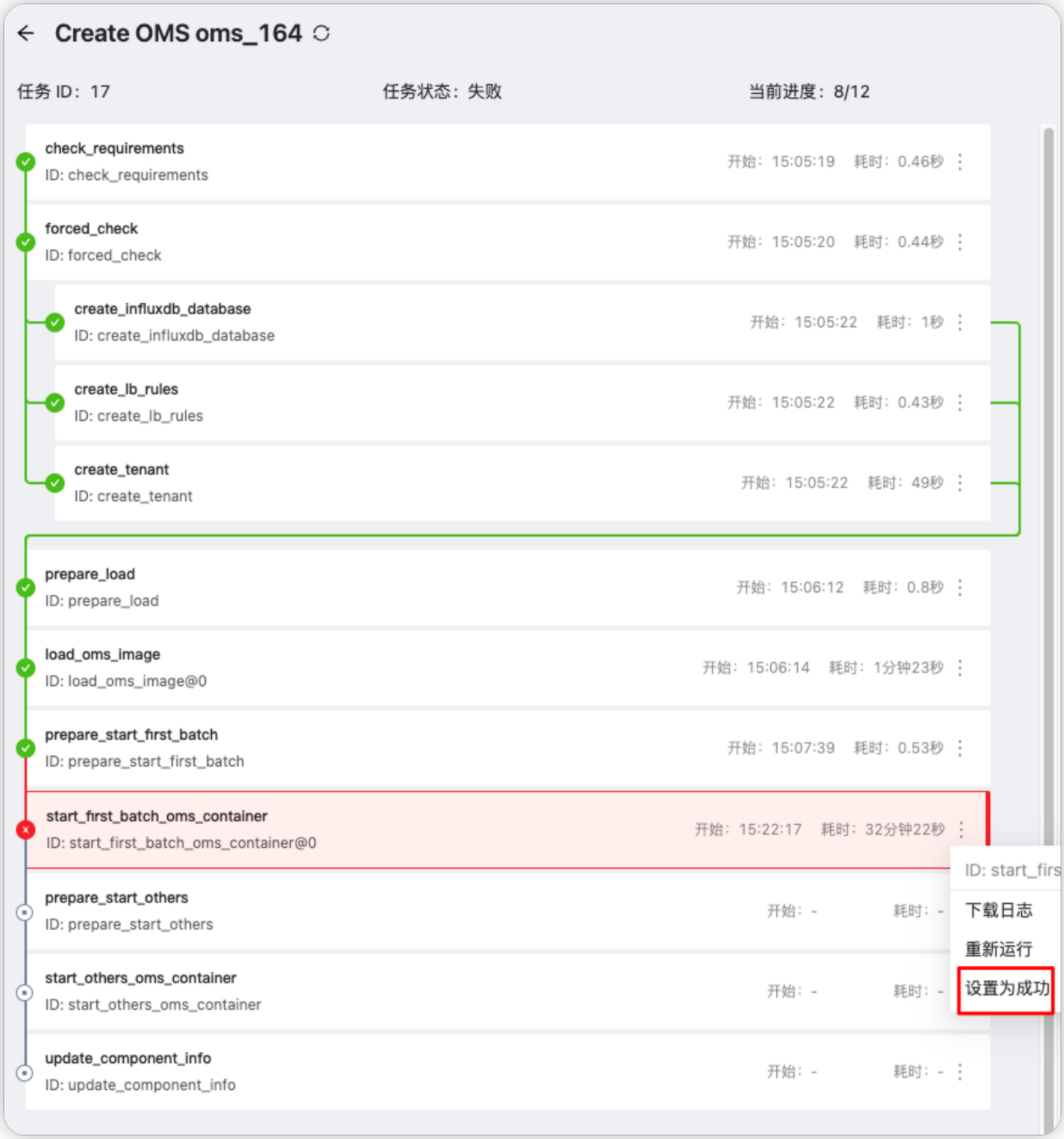
5. OAT刷新页面，任务处于运行状态中

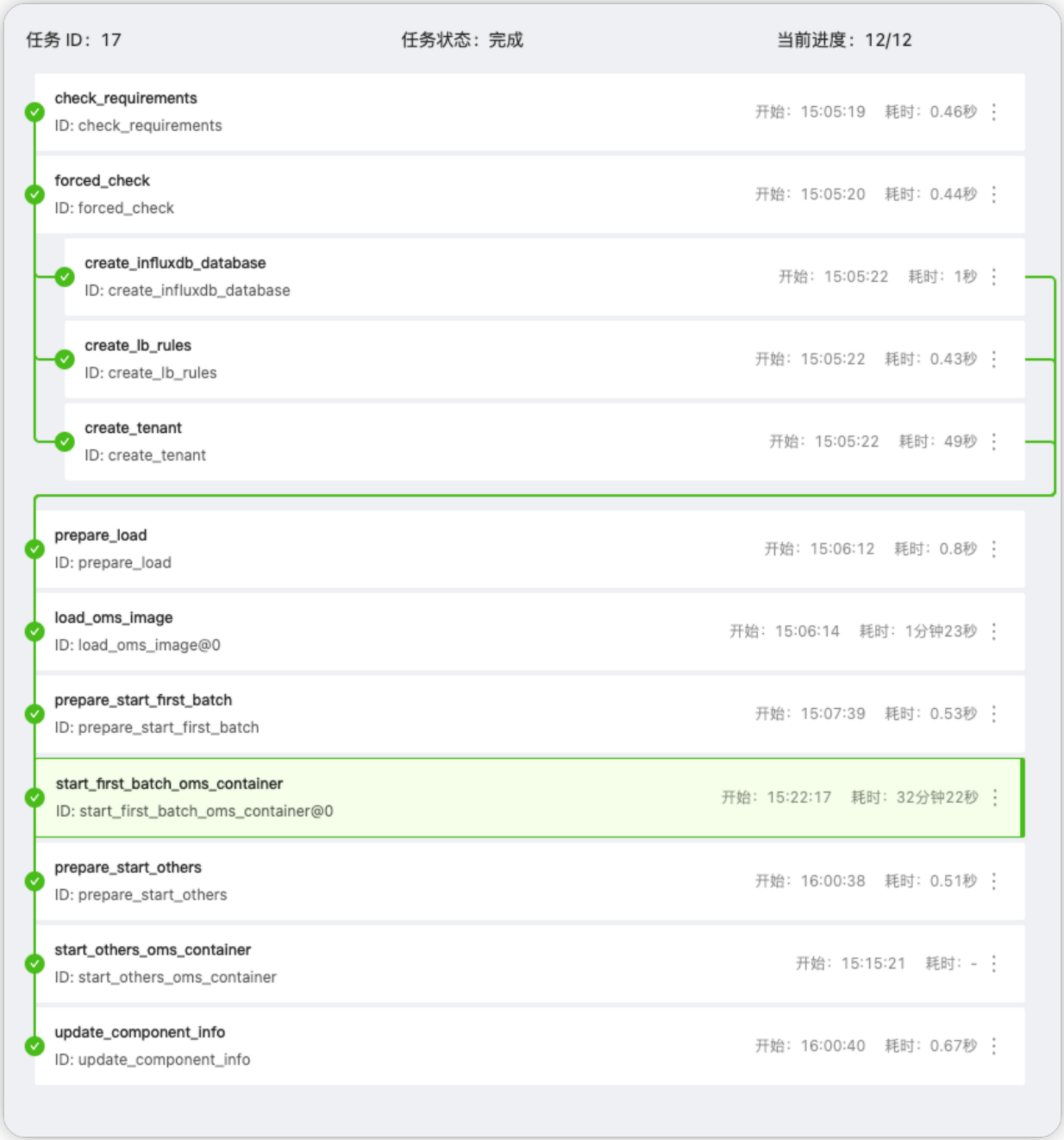
6. 再次确认 8090 已使用

```
netstat -tlnp|grep 8090
curl localhost:8090
```

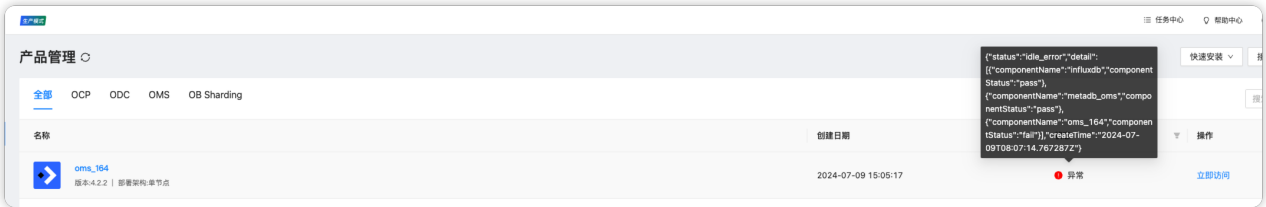
```
[root@10-186-64-164-omsoracle ~]# netstat -tlnp|grep 8090
tcp6       0      0 :::8090                 :::*                    LISTEN      33122/java
[root@10-186-64-164-omsoracle ~]#
[root@10-186-64-164-omsoracle ~]# curl localhost:8090
{"success":true,"errorDetail":null,"code":null,"message":null,"advice":null,"requestId":"e0e53152-6872-47c0-b840-bd8fac282ffb","pageNumber":null,"pageSize"
:null,"totalCount":null,"cost":null,"data":null}[root@10-186-64-164-omsoracle ~]#
```

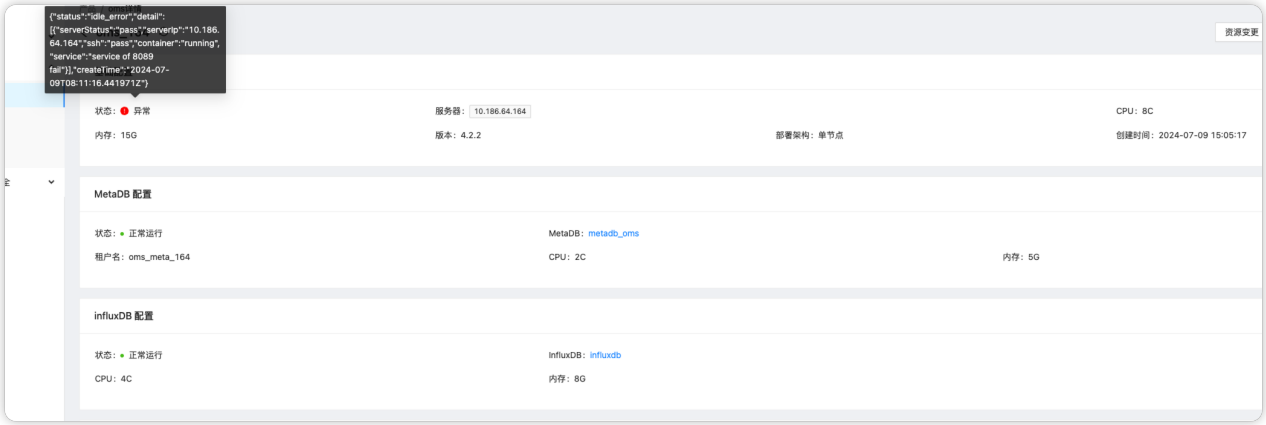
7. 将任务设置为成功


Create OMS oms_164
任务 ID：17
任务状态：失败
当前进度：8/12
check_requirements
ID: check_requirements
开始：15:05:19 耗时：0.46秒
forced_check
ID: forced_check
开始：15:05:20 耗时：0.44秒
create_influxdb_database
ID: create_influxdb_database
开始：15:05:22 耗时：1秒
create_lb_rules
ID: create_lb_rules
开始：15:05:22 耗时：0.43秒
create_tenant
ID: create_tenant
开始：15:05:22 耗时：49秒
prepare_load
ID: prepare_load
开始：15:06:12 耗时：0.8秒
load_oms_image
ID: load_oms_image@0
开始：15:06:14 耗时：1分钟23秒
prepare_start_first_batch
ID: prepare_start_first_batch
开始：15:07:39 耗时：0.53秒
start_first_batch_oms_container
ID: start_first_batch_oms_container@0
开始：15:22:17 耗时：32分钟22秒
prepare_start_others
ID: prepare_start_others
开始：- 耗时：-
start_others_oms_container
ID: start_others_oms_container
开始：- 耗时：-
update_component_info
ID: update_component_info
开始：- 耗时：-
ID: start_firs
下载日志
重新运行
设置为成功



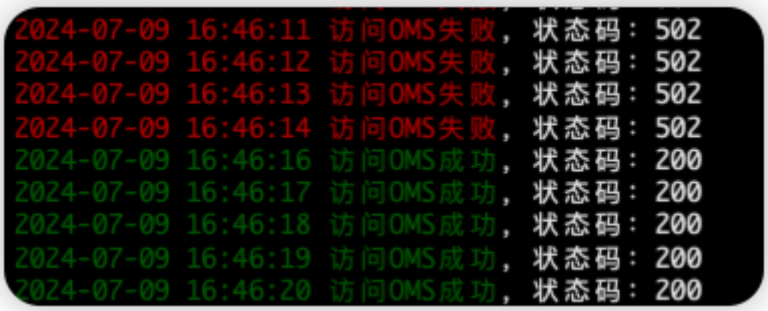

## 8. OAT页面查看OMS状态异常（实际可以登陆OMS）



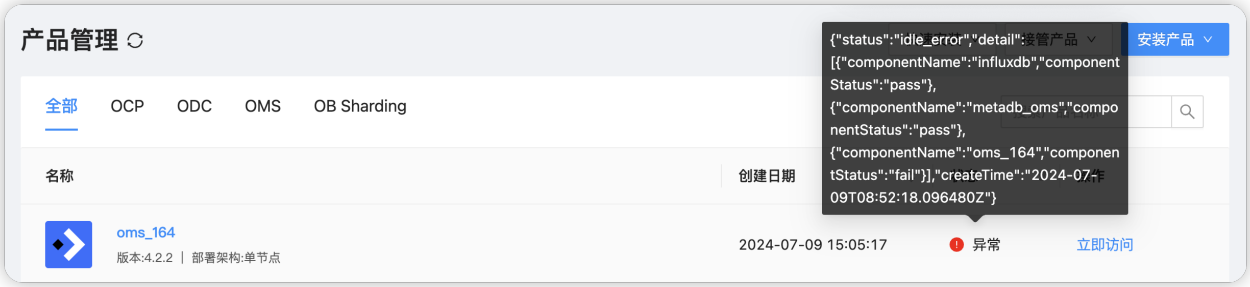


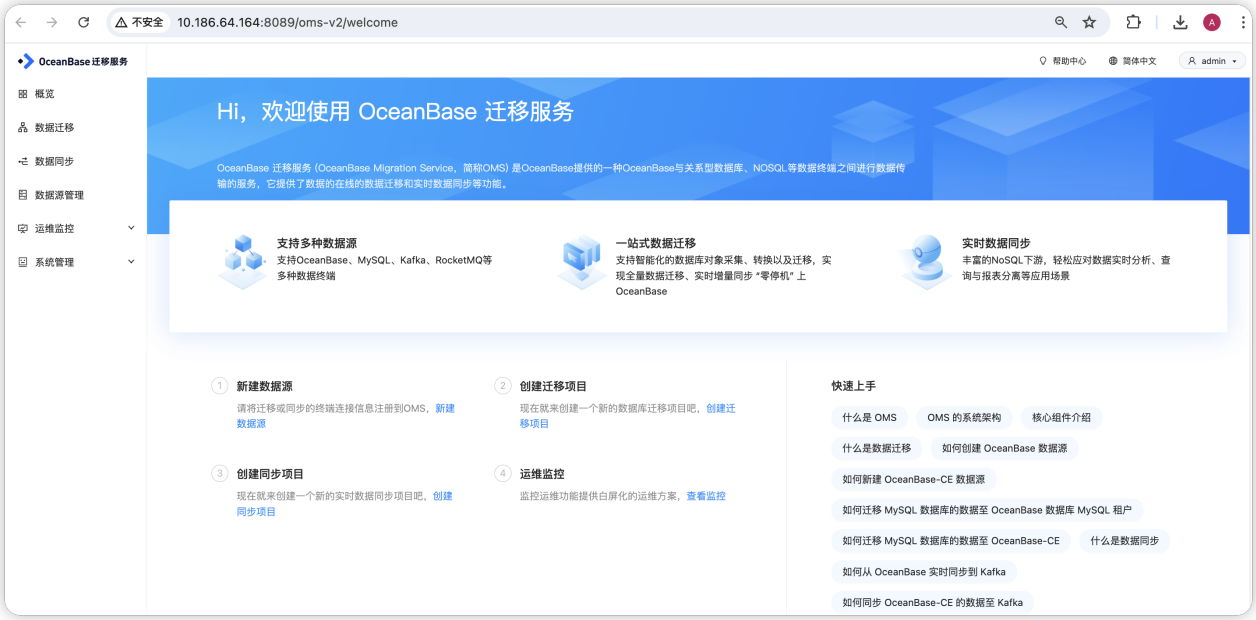

## 9. 重启OMS Docker 疑似卡住(如下步骤花费很长时间才导入完成)

## 10. 重启 OMS Docker 耗费约20分钟




## 11. 重启之后OAT依然现实OMS异常，OMS可正常登陆






12. 登陆OMS执行一个迁移任务，确认OMS可正常使用

# 三、温馨提示

建议oms和metadb分开部署