CAS前台页面登录时提示cannot pass null or empty value to constructor

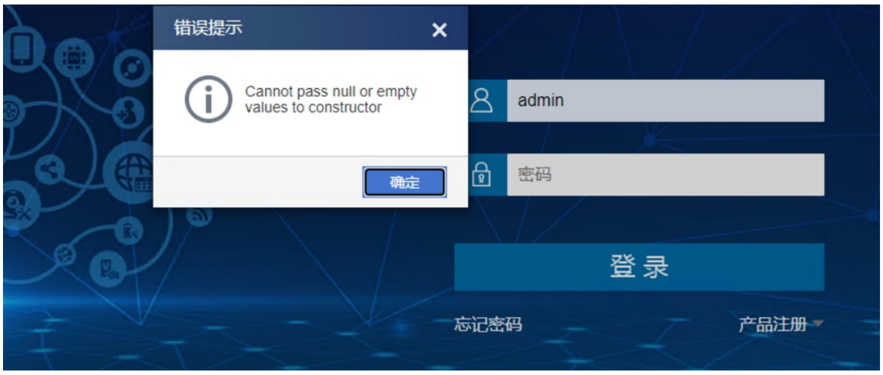
母鑫 2021-05-13 发表

组网及说明

CAS E0710P02

问题描述

CAS web页面输入用户名和密码登录时，出现如下报错：

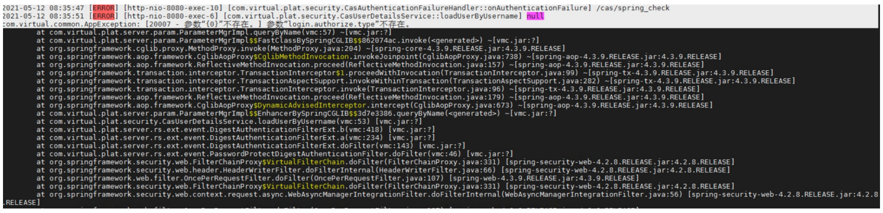


Cannot pass null or empty values to constructor

错误提示
确定
admin
密码
登 录
忘记密码
产品注册

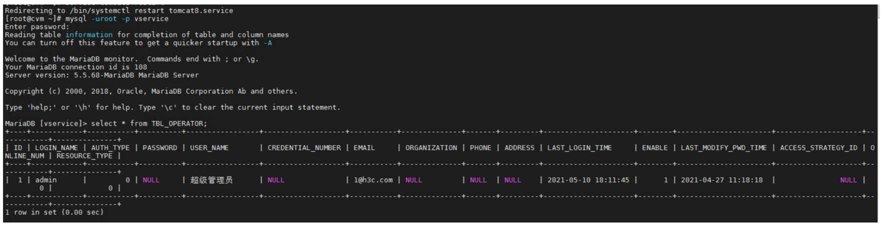
过程分析

1）查看cas.log日志。路径为 /var/log/tomcat8，日志如下，提示参数“login,authorize.type”不存在



```
2021-05-12 08:35:47 [ERROR] [http-nio-8080-exec-10] [com.virtual.plat.security.CasAuthenticationFailureHandler::onAuthenticationFailure] /cas/spring_check
2021-05-12 08:35:51 [ERROR] [http-nio-8080-exec-6] [com.virtual.plat.security.CasUserDetailsService::loadUserByUsername] null
com.virtual.common.AppException: [20007 - 参数“{0}”不存在。] 参数“login.authorize.type”不存在。
        at com.virtual.plat.server.param.ParameterMgrImpl.queryByName(vmc:57) ~[vmc.jar:?]
        at com.virtual.plat.server.param.ParameterMgrImpl$$FastClassBySpringCGLIB$$862074ac.invoke(<generated>) ~[vmc.jar:?]
        at org.springframework.cglib.proxy.MethodProxy.invoke(MethodProxy.java:204) ~[spring-core-4.3.9.RELEASE.jar:4.3.9.RELEASE]
        at org.springframework.aop.framework.CglibAopProxy$CglibMethodInvocation.invokeJoinpoint(CglibAopProxy.java:738) ~[spring-aop-4.3.9.RELEASE.jar:4.3.9.RELEASE]
        at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:157) ~[spring-aop-4.3.9.RELEASE.jar:4.3.9.RELEASE]
        at org.springframework.transaction.interceptor.TransactionInterceptor$1.proceedWithInvocation(TransactionInterceptor.java:99) ~[spring-tx-4.3.9.RELEASE.jar:4.3.9.RELEASE]
        at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:282) ~[spring-tx-4.3.9.RELEASE.jar:4.3.9.RELEASE]
        at org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:96) ~[spring-tx-4.3.9.RELEASE.jar:4.3.9.RELEASE]
        at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:179) ~[spring-aop-4.3.9.RELEASE.jar:4.3.9.RELEASE]
        at org.springframework.aop.framework.CglibAopProxy$DynamicAdvisedInterceptor.intercept(CglibAopProxy.java:673) ~[spring-aop-4.3.9.RELEASE.jar:4.3.9.RELEASE]
        at com.virtual.plat.server.param.ParameterMgrImpl$$EnhancerBySpringCGLIB$$3d7e3386.queryByName(<generated>) ~[vmc.jar:?]
        at com.virtual.plat.security.CasUserDetailsService.loadUserByUsername(vmc:53) [vmc.jar:?]
        at com.virtual.plat.server.rs.ext.event.DigestAuthenticationFilterExt.b(vmc:418) [vmc.jar:?]
        at com.virtual.plat.server.rs.ext.event.DigestAuthenticationFilterExt.a(vmc:234) [vmc.jar:?]
        at com.virtual.plat.server.rs.ext.event.DigestAuthenticationFilterExt.doFilter(vmc:143) [vmc.jar:?]
        at com.virtual.plat.server.rs.ext.event.PasswordProtectDigestAuthenticationFilter.doFilter(vmc:46) [vmc.jar:?]
        at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:331) [spring-security-web-4.2.8.RELEASE.jar:4.2.8.RELEASE]
        at org.springframework.security.web.header.HeaderWriterFilter.doFilterInternal(HeaderWriterFilter.java:66) [spring-security-web-4.2.8.RELEASE.jar:4.2.8.RELEASE]
        at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:107) [spring-web-4.3.9.RELEASE.jar:4.3.9.RELEASE]
        at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.doFilter(FilterChainProxy.java:331) [spring-security-web-4.2.8.RELEASE.jar:4.2.8.RELEASE]
        at org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter.doFilterInternal(WebAsyncManagerIntegrationFilter.java:56) [spring-security-web-4.2.8.RELEASE.jar:4.2.8
.RELEASE]
```

2）进入到数据库中：select * from TBL_OPERATOR; 发现如下信息，怀疑认为操作过数据库，导致密码被置空。



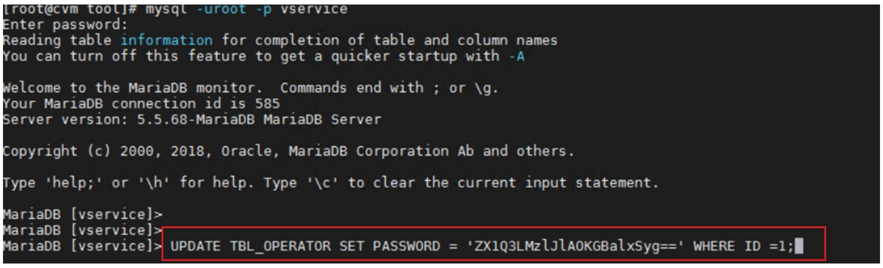
```
Redirecting to /bin/systemctl restart tomcat8.service
[root@cvm ~]# mysql -uroot -p vservice
Enter password:
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 108
Server version: 5.5.68-MariaDB MariaDB Server

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [vservice]> select * from TBL_OPERATOR;
+----+------------+-----------+----------+-----------------+-------------------+-----------+--------------+-------+---------+---------------------+--------+----------------------+--------------------+--
----------+---------------+
| ID | LOGIN_NAME | AUTH_TYPE | PASSWORD | USER_NAME       | CREDENTIAL_NUMBER | EMAIL     | ORGANIZATION | PHONE | ADDRESS | LAST_LOGIN_TIME     | ENABLE | LAST_MODIFY_PWD_TIME | ACCESS_STRATEGY_ID | O
NLINE_NUM | RESOURCE_TYPE |
+----+------------+-----------+----------+-----------------+-------------------+-----------+--------------+-------+---------+---------------------+--------+----------------------+--------------------+--
----------+---------------+
|  1 | admin      |         0 | NULL     | 超级管理员      | NULL              | 1@h3c.com | NULL         | NULL  | NULL    | 2021-05-10 18:11:45 |      1 | 2021-04-27 11:18:18  |               NULL |
         0 |             0 |
+----+------------+-----------+----------+-----------------+-------------------+-----------+--------------+-------+---------+---------------------+--------+----------------------+--------------------+--
----------+---------------+
1 row in set (0.00 sec)
```

解决方法

在cvm后台执行重置密码的脚本

1）cd /opt/tool,执行以下脚本将登陆密码恢复为默认密码

2）如果执行报错，无法恢复，则可在数据库中执行：UPDATE TBL_OPERATOR SET PASSWORD = 'ZX1Q3LMzlJlAOKGBalxSyg==' WHERE ID =1;



```
[root@cvm tool]# mysql -uroot -p vservice
Enter password:
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 585
Server version: 5.5.68-MariaDB MariaDB Server

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [vservice]>
MariaDB [vservice]>
MariaDB [vservice]> UPDATE TBL_OPERATOR SET PASSWORD = 'ZX1Q3LMzlJlAOKGBalxSyg==' WHERE ID =1;
```