



链滴

# Oracle 数据库连接 ORA-12505

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<p><span>ORA-12505, TNS:listener does not currently know of SID given in connect descriptor</span></p>

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<p><span>jdbc连接数据库的时候，需要使用数据库的sid\_name</span></p>

<p><span style="font-size: 12px;">而不是数据库的services\_name</span></p>

<p><span style="font-size: 12px;">而使用plsql连接数据库的时候，只需要数据库的services\_name即可，所以修改连接字符串中的services\_name<span>&nbsp;</span>为sid\_name.</span></p>

<p><span>查询sid\_name的方法</span><br /><span>select<span>&nbsp;</span>INSTANCE\_NAME<span>&nbsp;</span>from<span>&nbsp;</span>v\$instance;</span></p>

<p><span>&nbsp;</span></p>

<p>关于启动数据库后提示ora-12505的解决方法：&nbsp;<br />"listener does not currently know of SID given in connect descriptor"&nbsp;<br /><br />第一种可能<span>&nbsp;</span><br />是配置得数据库sid名不正确localhost:1521:<span>oracle</span>&nbsp;<span>&nbsp;</span>即红字部分不是你本机得sid，那么如查看本机得sid呢？用如下命令 SELECT<span>&nbsp;</span>&nbsp;<span>&nbsp;</span>NAME<span>&nbsp;</span>&nbsp;<span>&nbsp;</span>FROM<span>&nbsp;</span>&nbsp;<span>&nbsp;</span>\$database;在sqlplus中执行就可以看到，把红字部分换成查询出来的sid就可以。&nbsp;<br />第二种可能<span>&nbsp;</span><br />发现sid配置没有错误，但是还是报错，那可能就是oracle得监听配置出了问题需要检查listener.ora文件，用记事本打开，&nbsp;<br />正确配置如下：&nbsp;<br /># listener.ora Network Configuration File: e:\oracle\product\10.2.0\db\_1\network\admin\listener.ora<br /># Generated by Oracle configuration tools.&nbsp;<br />SID\_LIST\_LISTENER =&nbsp;<br />&nbsp;<br />(SID\_LIST =&nbsp;<br />&nbsp;<br />&nbsp;<br />(SID\_DESC =&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(SID\_NAME = PLSExtProc)&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(ORACLE\_HOME =<span style="color: #3366ff;">&nbsp;<strong>e:\oracle\product\10.2.0\db\_1</strong></span>)&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(PROGRAM = extproc)&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(SID\_DESC =&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(GLOBAL\_DBNAME =&nbsp;<span style="color: #ff0000;">oracle</span>)&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(ORACLE\_HOME =&nbsp;<span style="color: #3366ff;"><strong>e:\oracle\product\10.2.0\db\_1</strong></span>)&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(SID\_NAME =&nbsp;<span style="color: #ff0000;">oracle</span>)&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />)&nbsp;<br />LISTENER =&nbsp;<br />&nbsp;<br />(DESCRIPTION\_LIST =&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(DESCRIPTION =&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(ADDRESS = (PROTOCOL = IPC)(KEY = EXTPROC1))&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(ADDRESS = (PROTOCOL = TCP)(HOST = localhost)(PORT = 1521))&nbsp;<br />&nbsp;<br />&nbsp;<br />)&nbsp;<br />&nbsp;<br />)&nbsp;<br />红字部分改成oracle创建时候的sid 保存退出。</p>

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<p>(SID\_DESC =&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(GLOBAL\_DBNAME =&nbsp;<span style="color: #ff0000;">oracle</span>)&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(ORACLE\_HOME =<span style="color: #3366ff;">&nbsp;<strong>e:\oracle\product\10.2.0\db\_1</strong></span>)&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />(SID\_NAME =&nbsp;<span style="color: #ff0000;">oracle</span>)&nbsp;<br />&nbsp;<br />&nbsp;<br />&nbsp;<br />)&nbsp;<br />

<p>GLOBAL\_DBNAME= 的内容是用SYSTEM用户登录之后新建sql执行以下代码 &nbsp;<span>&nbsp;</span>: SELECT<span>&nbsp;</span>&nbsp;<span>&nbsp;</span>NAME<span>&nbsp;</span>&nbsp;<span>&nbsp;</span>FROM<span>&nbsp;</span>&nbsp;<span>&nbsp;</span>v\$database; &nbsp;<span>&nbsp;</span>查询出来的数据就等号后面的内容，<strong><span><strong>切记两个红色字体的名称一定要相同</strong></span></strong></p>

<p>如果没有这段代码请复制到你的文件中，然后把ORACLE\_HOME这个路径修改一下<span><strong>切记</strong>个<strong>蓝色</strong>路径一定要相同</span></p>

<p><span>&nbsp;</span></p>