**ORACLE**

**Database connectivity issue(ORA-12519)**

Submitted to

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**By**



CIS, Wipro Limited

Document Details

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| List of Contributors | Sreya Puthukudy, Abhishek Kansal |
| Customer Contact Information |  |

Version History

(All revisions made to this document must be listed in chronological order. All revisions must be approved. Review and Approval can be done by an internal source or by the customer)

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| 1.0 | 14-02-2018 | Initial Draft | Sreya Puthukudy | Jitenkumar Pansara | Yogesh Desai |
| 1.1 | **15-02-2018** | **Document Completed** | **Sreya Puthukudy** | **Jitenkumar Pansara** | **Yogesh Desai** |
| 1.2 | **18-01-2019** | **Updated the content** | **Abhishek Kansal** | **JitenKumar Pansara** | **Santosh Badiger** |

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Short Description:

Database connectivity issue with the Ora *error ‘ORA-12519: TNS:no appropriate service handler found’* describes that there are not enough available processes to handle all requests.

Problem Description:

Ora *error ‘ORA-12519: TNS:no appropriate service handler found’* describes that there are not enough available processes to handle all requests due to which the we face database connectivity issue.

**Known error description**:

One of the most common reasons for the TNS-12516 and/or TNS-12519 Oracle error being reported on Oracle is the configured maximum number of PROCESSES and/or SESSIONS limitation being reached. When this occurs, the service handlers for the TNS Listener become “Blocked” and no new connections can be made. Once the TNS Listener receives an update from the PMON process associated with the database instance telling the TNS Listener the thresholds are below the configured limit, and the database is now accepting connections connectivity resumes.

**Root cause identified:**

There are different ways to check if a database instance reaches the maximum number of processes on Oracle 11gR2.

One of the quickest SQL see below:

select \* from v$resource\_limit where resource\_name = 'processes';

If this is the case, to fix this Oracle error, increase the PROCESSES parameter value

**Solution:**

Please follow the below steps:

1 select \* from v$resource\_limit where resource\_name = 'processes';

2. sqlplus / as sysdba  
sqlplus>alter system set processes=300 scope=spfile;  
sqlplus>shut immediate;  
sqlplus>startup

OR:

Check for the inactive sessions, if there are too many inactive sessions. Get permission from owner and kill those