**Add Redo Log Groups and Members**

**Overview**

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| **Trigger:** | Add Redo Log Groups and Members | | |
| **Special Permissions:** | SYS Admin | **Responsible Team:** | DB Team |
| **Config. Item:** | Database | **KB Reference:** | KB# |

**Instructions**

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| **Step #** | **Information** |
| 1. | Connect to the Database |
| 2. | Ensure that, to create and add new redo log groups and members, you must have the ‘ ALTER DATABASE ’ system privilege |
| 3. | The following statement adds new Redo Log Group to the database:  ALTER DATABASE ADD LOGFILE (' /oracle/redolog/redo1.log ', ' /oracle/redolog/redo2.log ') SIZE 100M;  You can also specify the number that identifies the group using the GROUP clause:  ALTER DATABASE ADD LOGFILE GROUP 10 (' /oracle/redolog/redo1.log ', ' /oracle/redolog/redo2.log ') SIZE 100M BLOCKSIZE 512; |
| 4. | To add new redo log members for an existing group, use the below SQL statement:  ALTER DATABASE ADD LOGFILE MEMBER ' /oracle/redolog/redo3.log ' TO GROUP 10; |
| You can alternatively identify the target group by specifying all of the other members of the group in the TO clause:  ALTER DATABASE ADD LOGFILE MEMBER ' /oracle/redolog/redo3.log ' TO (' /oracle/redolog/redo1.log ', ' /oracle/redolog/redo2.log '); |
| 5. | To check information about the online Redo Log files in the Database, use the below statement:  SELECT a.GROUP#, a.THREAD#, a.SEQUENCE#, a.STATUS, b.MEMBER AS REDOLOG\_FILE\_NAME, (a.BYTES/1024/1024) AS SIZE\_MB FROM v$log a  JOIN v$logfile b ON a.Group#=b.Group# ORDER BY a.GROUP#; |

**Document Control**

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| Revision History | | | | |
| Version | **Date** | **Author** | **Title & Company** | **Description** |
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