1 use AMM

ALTER SYSTEM SET MEMORY\_MAX\_TARGET = 624M SCOPE = SPFILE;

ALTER SYSTEM SET MEMORY\_TARGET = 624M scope=spfile;

ALTER SYSTEM SET SGA\_MAX\_SIZE=0  scope=spfile;

ALTER SYSTEM SET SGA\_TARGET = 0 scope=spfile;

ALTER SYSTEM SET PGA\_AGGREGATE\_TARGET = 0 scope=spfile;

Calculate the minimum value for MEMORY\_TARGET as follows:

1. Determine the current sizes of SGA\_TARGET and PGA\_AGGREGATE\_TARGET by entering the following SQL\*Plus command:

            SHOW PARAMETER TARGET

SQL\*Plus displays the values of all initialization parameters with the string TARGET in the parameter name.

NAME                                 TYPE        VALUE

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archive\_lag\_target                   integer     0

db\_flashback\_retention\_target        integer     1440

fast\_start\_io\_target                 integer     0

fast\_start\_mttr\_target               integer     0

memory\_max\_target                    big integer 0

memory\_target                        big integer 0

parallel\_servers\_target              integer     16

pga\_aggregate\_target                 big integer 90M

sga\_target                           big integer 272M

1. Run the following query to determine the maximum instance PGA allocated since the database was started:

            select value from v$pgastat where name='maximum PGA allocated';

1. Compute the maximum value between the query result from step 2b and PGA\_AGGREGATE\_TARGET. Add SGA\_TARGET to this value.

memory\_target = sga\_target + max(pga\_aggregate\_target, maximum PGA allocated)

2 use ASMM

alter system reset memory\_target scope=spfile ;

alter system reset memory\_max\_target  scope=spfile;

alter system set sga\_max\_size=424m scope=spfile;

alter system set sga\_target = 424M  scope=spfile;

alter system set pga\_aggregate\_target = 200m scope = spfile;

**To change to ASMM from automatic memory management:**

1. Set the MEMORY\_TARGET initialization parameter to 0.

ALTER SYSTEM SET MEMORY\_TARGET = 0;

The database sets SGA\_TARGET based on current SGA memory allocation.

1. Do one of the following:

* For more complete automatic tuning, set the sizes of the automatically sized SGA components listed in [Table 6-2](https://docs.oracle.com/cd/E11882_01/server.112/e25494/memory.htm /l BABDCHDE) to zero. Do this by editing the text initialization parameter file or by issuing ALTER SYSTEM statements.
* To control the minimum size of one or more automatically sized SGA components, set those component sizes to the desired value. (See the next section for details.) Set the sizes of the other automatically sized SGA components to zero. Do this by editing the text initialization parameter file or by issuing ALTER SYSTEM statements.