Resolution for ORA-27215: Unable to create shared memory segment.

* **Temporary Solution:**
  + Just change the lock\_sga parameter from “TRUE” to “FALSE”
  + Startup the db again.
* **Permanent Fix:** 
  + Check output of vmstat –P all
  + # /usr/sbin/lsuser -a capabilities oraftsq
  + /usr/bin/chuser  capabilities=CAP\_NUMA\_ATTACH,CAP\_BYPASS\_RAC\_VMM,CAP\_PROPAGATE oraftsq
  + /usr/sbin/lsuser -a capabilities orapmq
  + /usr/bin/chuser  capabilities=CAP\_NUMA\_ATTACH,CAP\_BYPASS\_RAC\_VMM,CAP\_PROPAGATE orapmq
  + vmo -p -o lgpg\_regions=4000 -o lgpg\_size=16777216
* Now how can we get that value as mentioned in above command. Example for the same is as below. I have extracted output of vmstat –P all from rs294a.

pgsz memory page

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siz avm fre re pi po fr sr cy

4K 5019920 1464467 118624 0 0 0 8330 12325 0

64K 628335 625245 3090 0 0 0 0 0 0

**16M** **4000** 1859 2141 0 0 0 0 0 0

* Earlier size value is around 2330 instead of 4000 which is(2330\*16=37280). We can not set more than 37 GB of memory hence we have to reset it value 4000 so that we can extend the memory up to 62 GB.