

git_comments:

git_commits:

- 1. **summary:** Revert "HAWQ-1458. The maximum value of guc share_input_scan_wait_lockfile_timeout should be greater than the default value."
message: Revert "HAWQ-1458. The maximum value of guc share_input_scan_wait_lockfile_timeout should be greater than the default value." This reverts commit 7df7f96f2c07b41a481d03833e0a1e6106c27e34.

github_issues:

github_issues_comments:

github_pulls:

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github_pulls_reviews:

jira_issues:

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jira_issues_comments:

- 1. **body:** I'd suggest providing more details. Just a stack seems to be too simple for a lot of people do not have the background of this issue.
label: code-design
- 2. [~abai] Do you have steps to reproduce this issue?

3. More descriptions about this issue: When run a shared input scan query, QE may hung in function of shareinput_reader_waitready() sometimes. The main logic of shared input scan code is that : {code} For readiness, the shared node will write xslice of 'a' into the pipe. For each share, there is just one ready writer. Once sharer starts write it need to write all xslice copies of 'a'. For sharer, it need to check for ready to read (using select), because read is blocking. Once sharer got 'a', it write 'b' back to shared. For done, the shared is the only reader. Each sharer will writer 'z' back to shared. Shared (using select) to check the total number of 'z' is same as the number of sharer. {code} The root cause of the issue is that when the sharer(reader) is waiting for the shared(writer) to write 'a' to pipe while the shared(writer) process has quit, so the sharer will block forever. The reproduction steps are: {code} Step 1: Prepare schema and data using attached olap_setup.sql Step 2: 'set gp_cte_sharing = true;' Step 3: Run below OLAP grouping query -- OLAP query involving MAX() function SELECT sale.vn,sale.cn,sale.dt,GROUPING(sale.vn), TO_CHAR(COALESCE(MAX(DISTINCT floor(sale.vn+sale.qty)),0),'99999999.9999999'),TO_CHAR(COALESCE(VAR_SAMP(floor(sale.pn/sale.prc)),0),'99999999.9999999'),TO_CHAR(COALESCE(CC FROM sale,customer,vendor WHERE sale.cn=customer.cn AND sale.vn=vendor.vn GROUP BY ROLLUP((sale.prc),(sale.vn,sale.vn),(sale.pn,sale.pn),(sale.dt), (sale.qty,sale.vn,sale.qty)),ROLLUP((sale.pn),(sale.vn,sale.pn),(sale.qty)),(),sale.cn HAVING COALESCE(VAR_POP(sale.cn),0) >= 45.5839785564113; {code}
- Notes: It's a random issue, not occur each time.