<table>
<thead>
<tr>
<th>Group</th>
<th>Number of users</th>
<th>Before</th>
<th>After</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sitepath</td>
<td>Sitecommit</td>
<td>Siteversion</td>
<td>Sitebranch</td>
</tr>
<tr>
<td>Sitepath</td>
<td>Sitecommit</td>
<td>Siteversion</td>
<td>Sitebranch</td>
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<tr>
<td>Sitepath</td>
<td>Sitecommit</td>
<td>Siteversion</td>
<td>Sitebranch</td>
</tr>
</tbody>
</table>

### Runs information

**Before**
- **host:** 10.10.10.13
- **sitepath:** /~stronk7/ perf/moodle
- **group:** compare_202108202014
- **rundesc:** before
- **users:** 30
- **loopcount:** 5
- **rampup:** 5
- **throughput:** 120.0
- **size:** S
- **baseversion:** 2021051700
- **siteversion:** 202108202000.00
- **sitebranch:** 400
- **sitecommit:** 164843a25e weekly release 4.0dev
- **timestamp:** 1629483277
- **downloadlink:** Download

**After**
- **host:** 10.10.10.13
- **sitepath:** /~stronk7/ perf/moodle
- **group:** compare_202108202014
- **rundesc:** after
- **users:** 30
- **loopcount:** 5
- **rampup:** 6
- **throughput:** 120.0
- **size:** S
- **baseversion:** 2021051700
- **siteversion:** 202108202000.00
- **sitebranch:** 400
- **sitecommit:** 19b1f23d43 Merge branch 'MDL-71973' of https://github.com/mohalisad/moodle
- **timestamp:** 1629484463
- **downloadlink:** Download
Comparing variables step by step

- Comparison of variables dbreads, dbwrites, dbquerytime, memoryused, filesincluded, and serverload.
- Graphs show data before and after certain conditions.
- Details on specific variables:
  - dbreads: Before - 400, After - 400
  - dbwrites: Before - 400, After - 400
  - dbquerytime: Before - 400, After - 400
  - memoryused: Before - 400, After - 400
  - filesincluded: Before - 400, After - 400
  - serverload: Before - 400, After - 400
### Grouped steps

#### dbreads

<table>
<thead>
<tr>
<th>Step</th>
<th>Before - 400 (1464843a25e weekl...)</th>
<th>After - 400 (19b1f2f3d43 Merge...)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frontp...</td>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td>View</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Login</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>Frontp...</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>View c...</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>View a...</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>View a...</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Fill a fo...</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Send t...</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>View c...</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>View c...</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Logout</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

#### dbwrites

<table>
<thead>
<tr>
<th>Step</th>
<th>Before - 400 (1464843a25e weekl...)</th>
<th>After - 400 (19b1f2f3d43 Merge...)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frontp...</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>View</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Login</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Frontp...</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>View c...</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>View a...</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>View a...</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
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<tr>
<td>View c...</td>
<td>1</td>
<td>1</td>
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<tr>
<td>View c...</td>
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<td>0</td>
</tr>
<tr>
<td>Logout</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
dbquerytime

memoryused

filesincluded

serverload
Performance changes between runs between before - 400 (1464843a25e weekl...) and after - 400 (19b1f2f3d43 Merge...)

files included: increment - View a page activity, 1.42% worse
files included: increment - View a forum activity, 1.04% worse
files included: increment - View a forum discussion, 1.23% worse
files included: increment - Fill a form to reply a forum discussion, 1.1% worse
files included: increment - View course participants, 1.74% worse

See numeric info