

Torque

MPI is not launching the correct tasks on the correct node with 1.10.2

Issue: MPI is not launching the correct tasks on the correct node with 1.10.2.

Symptom: When running a mpi rum on 1.10.2 you may see the following:

```
mpirun hostname
```

```
-----  
A request for multiple cpus-per-proc was given, but a directive  
was also give to map to an object level that has less cpus than  
requested ones:
```

```
#cpus-per-proc: 1  
number of cpus: 0  
map-by: BYSOCKET:NOOVERSUBSCRIBE
```

```
Please specify a mapping level that has more cpus, or else let us  
define a default mapping that will allow multiple cpus-per-proc.  
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```

Solution: This is a known issue (<https://www.open-mpi.org/community/lists/users/2016/01/28393.php>). Pleasr upgrade OpenMP to 1.10.3rc1 or later.

Unique solution ID: #1100

Author: Jason Booth

Last update: 2016-04-29 20:16