

Minute of the meeting

Date: November 22nd, 2021

Participants

EUROfusion: France Boillod-Cerneux, Jacques David, Gilles Fourestey, Roman Hatzky, Serhiy Mochalskyy

CINECA: Susana Bueno, Alessandro Marani, Nitin Shukla

INTEL: Giacomo Rossi

Subjects discussed

We have reviewed events announced to all users via hpc-newsletter that have affected production since October 15 until November 19.

Ticket revision

We have quickly reviewed ticket escalated to Intel support, for which we expect the bug fix to be released on Intel oneAPI 2022.0 version, and escalated to NVIDIA support, for which we have not received updates yet, we will push.

We also discussed about latest investigations done for Euterpe jobs on Marconi cluster, where issue seems related to the usage of mpiexec for the job's execution; we will continue the monitoring of these jobs so we can take actions if the same issue is still observed using srun.

We also focused on other tickets: for ticket 22039, that refer to an important work's area quota increase, we agreed for future requests of the same type to ask users for details explaining the request that will be forwarded to the OC member for approval; for ticket 21443, we will take actions to prevent other users to obtain the same behaviour.

Ticket statistics

We have reported and reviewed information collected for all tickets received, on both the first and second level support queues, since October 13 until November 17.

Module usage on Marconi cluster

We reported in a separate document data reprocessed for months March - October 2021, referring to 5th Cycle Allocation projects activity as a correction was applied to a procedure; data refers to the modules usage of those batch jobs submitted by EUROfusion users/accounts to Marconi-SKL partition.

Sanity checks on Marconi and Marconi100 clusters

Sanity checks were performed during maintenance and production on both MARCONI and MARCONI100 clusters, and the results were shown during the Ticket Meeting. All the tests proved that the situation is stable and there are no significant problems in any of the tests performed. One GPU from a node of MARCONI100 is slightly underperforming on repeated tests and is now under observation. The results from the maintenance of MARCONI100, that will be performed on November 23rd, will be shown during the upcoming Operation Committee.

hpcmd tool

We will provide local usernames and passwords for those users allowed to access the hpcmd web site for testing purposes. The web site is available here: <https://hpcmd.hpc.cineca.it:3000>

We will also provide relevant information to users; in particular, details required for test jobs submission to be explored through the site, and about the hpcmd tool configuration file in place that manages the data to be collected.

Next ticket meetings

The scheduled dates for next ticket meetings are:

TM-59: Wednesday, December 15th, 2021 at 10:00

TM-60: Thursday, January 20th, 2022 at 10:00

TM-61: Monday, February 14th, 2022 at 10:00