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HPC To Do List

2018

Open JIRA tickets:

- Ansys migration to Linux [↗](#)
- Comsol migration to Linux [↗](#)
- CST migration to Linux [↗](#)
- Accounting for Engineering Applications [↗](#)
- Work out how to do per-application tagging for HPC [↗](#)

Closed JIRA tickets:

- HW migration from CDA to CM [↗](#)
- Accounting groups for Windows HPC users [↗](#)

Objective 1


Liaise with the current service manager of Windows HPC to ensure knowledge transfer and continuity of the service after his departure. Ensure that user needs for engineering calculations are correctly catered for beyond Q2.

Action	Comments	Status
Check CST Windows HPC Twiki		

Objective 2

In cooperation with the current service manager of Windows HPC, user communities and the CM group, implement current engineering HPC use cases (CST, Fluent, COMSOL, HFSS and ANSYS) on Linux. Whenever possible, move the workloads to Linux clusters operated by CM.

Action	Comments	Status
Check Linux HPC KB0004541 ↗		✅ DONE
Check LS-DYNA Linux HPC KB0005014 ↗		✅ DONE
Check with John if CST in AFS		✅ DONE
Check Documentation of CST in Linux in DFS ↗		✅ DONE
Try the CST example scripts on Linux	Problems accessing AFS CST folder from Linux Laptop RQF1000525 ↗ Problems due to lack of needed package in batch nodes xorg-x11-server-Xvfb. The package is being installed. Test when ready Simple Linux simulation tested from Windows (connecting with Putty and Xming) and OK In contact with CST support Ticket ↗	✅ DONE
Understand better CST configuration file for batch	In contact with CST support Ticket ↗	Ongoing
Get in touch with CST user community to get early	RQF:0899049 ↗ Manfred Wendt (BE-BI), Alexej Grudiev (BE-RF), Vasileios Vlachodimitropoulos (TE-ABT)	Ongoing

adopters		
COMSOL core dump	This seems to be working now. Now needed	 CANCELLED
ANSYS installation	Download v 19.0 in Linux and install it in DFS	Ongoing

-- MariaALANDESPRADILLO - 2018-02-20

This topic: Main > HPCToDo

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