



**Computational Resource Allocation Group (CRAG)  
Monthly Meeting**

**Friday 20<sup>th</sup> March 2015 at 13.00**

**Room 103, Podium Building, 1 Eversholt Street, London NW1 2DN**

**Chair:**

**Nik Kaltsoyannis [NK]**

**Present:**

**Dario Alfe [DA]; Javier Herrero [JH]; Owain Kenway [OK]; Andrew Martin [AM]; Michail Stamatakis [MS]**

**Apologies:**

**Nicholas Achilleos [NA]; Clare Gryce [CG]; Thomas Jones [TJ]; Sergey Yurchenko [SY]**

**In attendance:**

**Corrinne Frazzoni [CF] (Minutes)**

**MINUTES**

**1. Approval of Minutes of last meeting held on Friday 20<sup>th</sup> February 2015 [NK]**

The Group approved the Minutes of the last meeting. There were no matters arising.

**2. Update on status of current Actions [NK]**

The list of current Actions (see table at end) was updated.

**3. Review of any requests for additional resources on local HPC facilities [OK]**

There were three new requests for additional resources:

- Yaseen Ladak
  - To increase Legion scratch storage to 5TB from 15/03/2015 to 31/05/2017

**Request approved, subject to a revised end date of 31/03/2016, with further extension to be requested at expiry.**

- Natascha Bloch
  - To increase Legion scratch storage to 1TB from 15/03/2015 to 30/04/2017

**Request approved, subject to a revised end date of 31/03/2016, with further extension to be requested at expiry.**

One prior request had been dealt with via email, as it had occurred shortly after the last CRAG meeting, to avoid delay on the project:

- Joseph Wellington
  - To increase Legion scratch storage to 1TB from 23/02/2015 to 01/08/2015

**Request approved.**

#### 4. Review of Legion usage statistics [OK]

<http://gouf.rcdev.ucl.ac.uk:8888/>

The group reviewed the Legion usage statistics for February 2015.

There was nothing of note to report.

#### 5. Review of IRIDIS and EMERALD usage statistics [OK]

IRIDIS and EMERALD usage statistics for February 2015 were reviewed.

Issues raised:

- Possible funding available to continue EMERALD
- Impending destruction of IRIDIS and when to stop accepting requests for usage.

**Agreed: No requests to be accepted for IRIDIS after 30/04/2015**

#### 6. Centre for Innovation (CFI)/New HPC update [CG]

- The tender has now been issued and vendors made aware of UCL's desire to reduce the service gap if possible. Vendors have also been asked to (optionally) provide costed information on any cloud type HPC services that could be provided to UCL during the 'service gap', though take up of any such services would need to be funded from the main project budget and it is expected that costs would be high.
- Tender responses due back in late April.
- Termination date for IRIDIS remains 31<sup>st</sup> July 2015. CG is in contact with Southampton to ensure awareness of any slippage in their project timescales that could affect the IRIDIS shutdown date.
- Meeting with vendors on 30<sup>th</sup> March 2015; will report to CRAG in April.
- Continuation of EMERALD: no further action since February, follow up meeting with interested SES partners and STFC is being scheduled.

#### 7. Data repatriation plans [OK]

- IRIDIS data will be transferred via network, although if this fails it will be possible to transfer it via a physical disk as there is currently only 2 terabytes of UCL owned data on IRIDIS.
- Scratch data will not be transferred
- Map to UCL user ID

**Action: OK to Inform users of repatriation plans for data**

#### 8. New OS update [OK]

- Project mostly on target
- Prioritise applications based on:
  - Applications that we have paid for.
  - Historic usage data gathered from the modules system.
- Issue of how best to handle system imaging

#### 9. AOB

OK requested a sponsor for the Legion 4K bid and NK agreed that he was happy to act as sponsor.

Legion 4K is a project to deliver a service integrated into Legion whereby users can submit a subclass of jobs that fit a particular profile that will run on either spare capacity on Legion or on spare capacity on Desktop@UCL, depending on what is available at that moment in time. There already exists software to do this, and this project entails final integration with Desktop@UCL and Legion and final rollout.

#### **10. Next meeting date and agenda**

Friday 17<sup>th</sup> April 2015 from 13.00-15.00

Venue: Room 103, 1st floor, Podium Building, 1 Eversholt Street, London, NW1 2DN.

#### **Agenda (Items) for the next meeting:**

##### **Standing items:**

1. Approval of Minutes of last meeting
2. Update on status of current Actions
3. Review of any requests for additional resources on local HPC facilities
4. Review of Legion usage statistics
5. Review of IRIDIS and Emerald usage statistics
6. Update report on Cfl and new HPC (from CG)
7. Data repatriation plans

## LIST OF CURRENTLY APPROVED EXCEPTIONAL REQUESTS

Requesting user	CRAG approval date	details of exception	start date agreed	end date agreed	date removed	Implementation Notes
Jenner	13/05/2014	Scratch quota extended for the requested period	13/05/2014	01/05/2015		
Meng	09/09/2014	Scratch quota increased to 3TB and extended	09/09/2014	30/09/2015		User to discuss suitability of platform with RC
Herrero	09/09/2014	Scratch quota increased to 6TB and extended	09/09/2014	30/09/2015		
Ferreira	07/10/2014	Scratch quota increased to 2TB and extended	07/10/2014	31/10/2015		OK to discuss suitability of platform with user
Wang	20/02/2015	Scratch quota increased to 2TB and extended	08/01/2015	31/01/2016		
Wellington	23/02/2015	Scratch quota increased to 1TB for the period	23/02/2015	01/08/2015		
Bloch	20/03/2015	Scratch quota increased to 1TB and extended	20/03/2015	31/03/2016		Advise user to reapply upon expiry as had requested longer timeframe
Ladak	20/03/2015	Scratch quota increased to 5TB and extended	20/03/2015	31/03/2016		Advise user to reapply upon expiry as had requested longer timeframe

## LIST OF CURRENT ACTIONS

Shaded (closed/completed) items will be deleted in the next version.

	<b>Actions</b>	<b>Status</b>	<b>Owner</b>
163	Retirement of Condor/IRIDIS	(09/09/14) NEW ACTION. OK and CG to consider resultant loss of capacity in light of Legion 4k rollout and OS upgrade. OK to speak about new Desktop at October CRAG (07/10/14) ONGOING – OK to meet with Desktop team. Carry into November (13/01/15) ONGOING (20/2/15) ON HOLD Will revisit after RIISG in May 2015. (20/03/15) ON HOLD	OK/CG
166	Re-application process, stats for re-application and project account/ publication data	(09/12/14) NEW ACTION. Check with RAGG to add to backlog and confirm usage Report back to CRAG with plan on how to implement (13/01/15) ONGOING (20/02/15) ONGOING. Contractor has been hired (20/03/15) ONGOING. OK to check on progress	OK CG/OK
167	Requests for additional resources on local HPC facilities	(13/01/15) NEW ACTION: Confirm expiration dates on list of currently approved requests (20/02/15) ONGOING (20/03/15) Completed. CLOSED.	OK
168	Paid allocation reporting	(13/1/15) NEW ACTION: Keep current report and add extra reporting for paid usage plus time used. OK to produce (20/02/15) ONGOING (20/03/15) ONGOING. OK to check on progress	OK
169	Legion usage statistics	(20/2/15) NEW ACTION. Add targets and REF category to service availability graph. Follow up on stats for Climate Science and Archaeology (20/03/15) Follow up on stats for Climate Science and Archaeology - Completed. Add targets and REF category to service availability graph. ONGOING.	OK
170	Data repatriation after IRIDIS shutdown	(20/03/15) OK to Inform users of repatriation plans for data. NEW	OK