

## Ramani Duraiswami

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**From:** David McNabb [mcnabb@umd.edu]  
**Sent:** Tuesday, November 03, 2009 10:28 AM  
**To:** Ramani Duraiswami  
**Cc:** David McNabb  
**Subject:** Re: amsc662 use of the HPCC

Hi Ramani,

(I'll call you in a minute to see if you noticed this email in time.)

The testing on the new blades (2p 4c nehalem) has been completed, so we are ready for students.

Kevin has finished setting up their accounts and file space for your students to use.

Below are the details he sent me. Please relay this to your class. If they run into problems while on the cluster they should report these to hpcc-help@umd.edu which goes to me, the system admins, gets logged, etc. They may also find the "Getting Started" and "Submitting Jobs" links off our main web page (<http://www.oit.umd.edu/hpcc>) useful. NB: Under no circumstances should they use the on-line form there to request an allocation from the AAC! We have already set them up with an allocation for the whole class.

Thanks.

--David

Details from Kevin:

> Ok, everyone should have access now.  
> The users should submit to the queue 'class' (and this should be their  
> default in case they forget.) The queue currently has a max  
walltime  
> limit of 24 hours. If you want that longer or shorter, let me know.  
>  
> The users should store their data in either /data/dt-raid10/  
AMCS662 or  
> /data/dt-raid5/AMCS662.  
>  
> As always, calculations should be performed in local scratch (/tmp)  
> wherever possible, and results should be written to the data  
space. It  
> would be nice if the instructor could take some time to tell the  
students  
> how to do this properly.  
>  
> If the users try to submit to the wrong queue their jobs will end  
up with  
> the lowest possible preemptible priority, so they'll likely never  
run.  
>  
> K

On Oct 30, 2009, at 10:32 AM, Ramani Duraiswami wrote:

> Hi David

>  
> We don't need too many nodes. However, since I have spent a  
> significant amount of time on shared memory programming, access to  
> multicore (dual-core, but preferably quad-core) nodes is necessary.  
> Thus, I think access to a small number of these would be fine.  
>  
> As far as hours, etc. go your smallest allocations are fine as far  
> as homework goes.  
>  
> Ramani  
>  
> PS. Regarding course mail, I did send a complaint to oit staff on  
> Tuesday ... no action yet.  
>  
> -----Original Message-----  
> From: David McNabb [mailto:mcnabb@umd.edu]  
> Sent: Fri 10/30/2009 9:38 AM  
> To: Ramani Duraiswami  
> Cc: David McNabb  
> Subject: Re: 5E6B-0C3E-780D : CONSULT amsc662-0101-fall09 A header  
> line is too long (832 > 768)  
>  
> Hi Ramani,  
>  
> You mentioned this:  
>  
> > Coursemail is still broken  
>  
> I don't have much to do with courses, but this seems serious. I  
> assume this was reported to OIT's help desk? Want me to poke people  
> here about it? (I did get a response from one student.)  
>  
> In the meantime I took your list and checked them all myself.  
> Everyone already has a TerpConnect account!  
>  
> Now I'm waiting to hear about some testing we're doing now; we may be  
> able to reserve some of those nodes for your class.  
>  
> I do have questions for you. What do your students need in terms of  
> #processors/node, #cores per processor, memory/core, and file space?  
> For example can they do what they need to do on our oldest 2p 1c  
> nodes? Do they need our fastest 2p4c nodes? Or something in between?  
> This will help us come up with a short-term solution quickly.  
>  
> Thanks.  
>  
> --David