

## Senior Design Meeting

Week 2 – 9/15 and 9/19/14

### Summary:

Our group created the proposal for our mission statement and decided what our goals were with realistic expectations or take away from the project. We set these in mind as we continue our exploration of tools to put together to satisfy our expectations from this cluster. We further contacted ScaleMP and they gave us a preliminary meeting to just discuss who we were and what kind of goals we wanted for our project. Over the course of the week we looked into Desktop as a Service (DaaS) and what vendors support this. Citrix and VMWare both support virtualizing the desktop, and we found that ScaleMP can host a KVM platform which is the basis for this DaaS service. We may have the clustering capabilities of ScaleMP with the virtualization elasticity of KVM on top on RHEL. As of now we are still waiting on contacting ScaleMP to see how flexible their platform really is and if it can at least accommodate most of our needs. Furthermore, Professor Hembroff has come to us to see what hardware we may want. We sent out an email containing desired hardware at the moment, it is a one shot chance to get hardware from donors, so we figured why not get some to play with!

For our meeting, we decided to hold off on other research until we contact ScaleMP and talk to them about some of the questions we outlined in our meetings. We want to ask the solutions architect about what costumers have done with ScaleMP in a virtualized environment with KVM solutions and using it as a desktop cloud service. I think we will find this meeting very interesting.

The meetings of the last week were ones to make a boundary on what and how to define the project. No DVC project has ever been the same, but for us we feel that given these technologies and if they work together we can make it as close to the original goals as possible. As we look further, maybe we will have to revise some of our goals and purpose statement but as of now we are confident that this can be a true “DVC” project if these tools work together.

Update as of 9/22/14, the ScaleMP meeting is moved to 3PM tomorrow due to the host having a family emergency.