Discussion of Infrastructure Clouds

September 7, 2011

This meeting will focus on a discussion of the potential of infrastructure clouds as a vehicle for outsourcing computation for science. We solicit “position statement” presentations describing examples of the use of Infrastructure-as-a-Service cloud computing for scientific applications; discuss the motivation for it; as well as its evaluation as an outsourcing paradigm. The presentations are going to be followed by a panel discussion assessing the potential of infrastructure clouds for science.

The position statements should be presentation of no more than 4 slides (5-10 minutes of presentation time) addressing the following questions:

- Describe how your community uses infrastructure clouds

- What drew you to infrastructure clouds, i.e., what are the benefits for your community of using infrastructure clouds in order of significance?

- What are the challenges of using infrastructure clouds for your community, i.e., what makes them difficult to use in order of significance?

- How do infrastructure clouds compare to other options for outsourcing computation from the perspective of your community's needs?

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