Cloud Computing Readiness for Supporting Earth Science **[1]**

Submitted by superadmin on Fri, 2012-06-29 19:55 Thursday, July 19, 2012 - 10:30 to 12:00
Event: Summer Meeting 2012 [2]
Session Type: Breakout [3]
Expertise Level: Intermediate [4]
Identifier: doi:10.7269/P34Q7RWZ
Collaboration Area: Cloud Computing [5]
Earth Science Collaboratory [6]
Geospatial [7]
Information Quality [8]
Information Technology and Interoperability [9]
Products and Services [10]

Abstract/Agenda:
Cloud Computing is becoming a promising computing infrastructure to support Earth sciences. With a variety of commercial and open source cloud solutions available, a 360 degree test of the cloud capability for managing computing infrastructure and supporting Earth sciences are needed to guide the field for adopting cloud computing. This session invites the two most comprehensive government studies of cloud computing for geospatial sciences to present the results. The presentation includes:

- Mike Little, NASA SMD Cloud Test Brief (Virtual)
- Doug Nebert, FGDC GeoCloud, (Virtual)
- Phil Yang, GMU, Cloud Readiness for Earth Sciences
- Confirm with Mike/Doug about another cloud readiness test in NASA

Through both overall and technical detailed presentation, we hope this session can help shed some lights about how to assess and adopt cloud computing for Earth science efforts, such as EarthCube, Digital Earth, Earth Simulator, NEX, and other similar efforts.

Session Leads:

Name: Phil Yang [11]
Organization(s): GMU [12]

Name: Thomas Huang [13]
Organization(s): Jet Propulsion Lab [14]

Teaser: This session invites the two most comprehensive government studies of cloud computing for geospatial sciences to present the results.

Source URL: https://commons.esipfed.org/node/469

Links
[1] https://commons.esipfed.org/node/469
[2] https://commons.esipfed.org/event/summer-meeting-2012
[3] https://commons.esipfed.org/session-type/breakout
[4] https://commons.esipfed.org/taxonomy/term/261
[5] https://commons.esipfed.org/collaboration-area/cloud-computing
[6] https://commons.esipfed.org/collaboration-area/earth-science-collaboratory
[7] https://commons.esipfed.org/collaboration-area/geospatial
[8] https://commons.esipfed.org/collaboration-area/information-quality
[9] https://commons.esipfed.org/collaboration-area/information-technology-and-interoperability
[10] https://commons.esipfed.org/collaboration-area/products-and-services
[11] https://commons.esipfed.org/node/345
[12] https://commons.esipfed.org/taxonomy/term/213
[13] https://commons.esipfed.org/node/408

[14] https://commons.esipfed.org/taxonomy/term/197