

A Shadowbox-based ProtoGENI Instrumentation and Measurement Infrastructure University of Kentucky Quarterly GENI Report

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1 Major accomplishments

The following highlights our accomplishments during Q1 2010.

1.1 Milestones achieved

The project is just underway and no milestone are due at this point.

1.2 Deliverables made

None yet.

2 Description of work performed during last quarter

The following provides a description of the progress made this last quarter.

2.1 Activities and Findings

The project got underway this quarter and is still in the startup stages of the project. One of the first things that must be done is to get the funding in place for our subcontractor, Internet2, who will be responsible for purchasing and installing the Juniper routers during the first year of the project. We have been working through the paper-work to get the funding to them and have made good progress in that regard. We expect that Internet2 will be able to put in motion the purchase and installation process during the second quarter of this year.

We have already begun to have conversations with our colleagues at AT&T, Internet2, and Utah regarding the design of the system and the deployment plans. There are several issues that we will need to address, but at the moment it appears that we will be able to move forward as planned.

We also attended GEC7 and gave a plenary presentation on the Shadownet project describing our deployment plans for the ProtoGENI backbone and also described features of the Shadownet system. Slides from the presentation are available on the GEC7 wiki/web site.

2.2 Project participants

The following individuals are involved with the project in one way or another:

- Jim Griffioen - Project PI
- Zongming Fei - Project Co-PI
- Kobus van der Merwe - Project Co-PI
- Eric Boyd - Subcontract Lead
- Hussamuddin Nasir - Technician/Programmer
- Lowell Pike - Network administrator

2.3 Publications

None yet

2.4 Outreach activities

We made a presentation about the Shadownet project at GEC7.

2.5 Collaborations

Most of our collaborations have been with the Shadownet team from Kentucky, AT&T, and Internet2, but we have also had conversations with our colleagues at Utah and Delaware as well.

2.6 Other Contributions

None yet.