OpenFlow Deployment Plans at FIU

OpenFlow Campus Deployment Session

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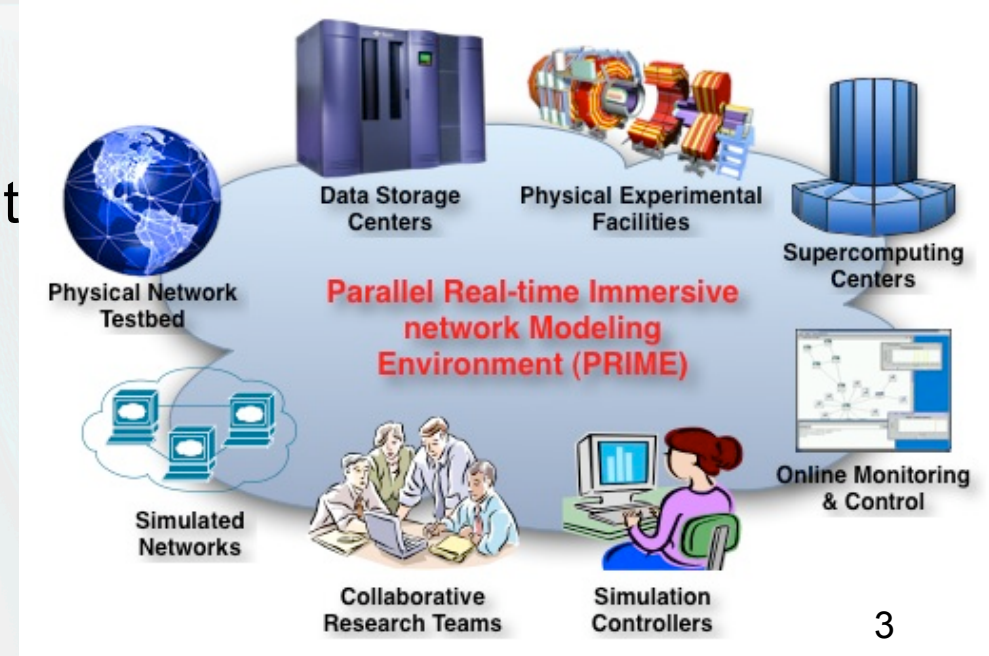
Jason Liu, PI
Julio Ibarra, Co-PI
Heidi Alvarez, Co-PI
Florida International University

OpenFlow Deployment Plans

- Deploy OpenFlow at FIU to augment prototyping environment for PrimoGENI
- What is PrimoGENI?

PrimoGENI: Basis for OpenFlow

- PrimoGENI adds real-time network simulation capabilities to GENI
- PrimoGENI will enable large-scale experiments consisting of simulated, emulated and physical network entities
- PrimoGENI will provide a fully functional aggregate as an integral part of the GENI control framework architecture
- Experimenter tools will be integrated with the ProtoGENI suite of tools
- PrimoGENI is built upon the Parallel Real-time Immersive Network Modeling Environment (PRIME)
  - https://www.primessf.net/bin/view/Public/PRIMEProject
- http://groups.geni.net/geni/wiki/PrimoGENI for more information



OpenFlow Deployment Plans

- Deploy OpenFlow at FIU to augment prototyping environment for PrimoGENI
- Connect to the GENI OpenFlow meso-scale network
  - Build out an OpenFlow infrastructure in Florida
  - Connect it to the GENI Meso-scale deployment via Atlanta (solicitation 3 proposal)
- Extend GENI OpenFlow network to Brazil and Latin America

Thank You

Jason Liu <liux@cis.fiu.edu>
Julio Ibarra <julio@fiu.edu>
Heidi Alvarez <heidi@fiu.edu>