

GEC10 Demo : MAX (Mid-Atlantic Crossroads) GENI

Integrated MAX Slice Instantiation and External Resource Network Stitching

Participants: Abdella Battou, Balu Pillai, *MAX*
Tom Lehman, Xi Yang, *USC/ISI*

URL: <http://geni.maxgigapop.net>

Abstract

The MAX project is building a GENI facility known as the "Mid-Atlantic Crossroads GENI (MAX GENI) Facility". This includes the development of technology and control systems to enable the MAX Regional Network resources to be made available for GENI experiment slice instantiation.

A MAX Aggregate Manager (AM) is now available which integrates the dynamic provision of network and host based resources. The host based resources include PlanetLab node virtual slices. Network Stitching capabilities are available which allow host resources to be stitched together within MAX and also to other external resources across ProtoGENI and/or Internet2 ION. Stitching functionality across other infrastructures is planned for the future.

