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Title:

PlanetLab and OneLab

Abstract:

PlanetLab is the successful international platform for testing applications and conducting measurements at the scale of the global internet. The EC-funded OneLab project, to start in September 2006, will build on PlanetLab, extending its capabilities into new environments, particularly wireless environments, and deepening its monitoring capabilities, to yield a better view of its topology and of packets as they traverse the network. This talk will describe OneLab, and situate it in the context of related efforts, such as the NSF's GENI project.