



Software Defined Networking for the Cloud



Speaker: Albert Greenberg
Director of Networking, Microsoft Azure



WHEN

October 3, 2014, 11AM



WHERE

Davis Auditorium

Host: Professor Debasis Mitra

ABSTRACT

Over the past several years, the stunning growth of the Cloud has changed literally everything in networking. At Microsoft, we have developed and deployed totally new network infrastructure to handle the scale and agility of cloud services, creating virtual networks that on shared infrastructure behave as if dedicated to individual customers. I will discuss the problems and the approach to the solutions. A takeaway is that the action in Software Defined Networking (SDN) is in the host.

BIO

Albert Greenberg is the Director of Networking Development at Microsoft Azure, where he leads development of cloud networking services and technologies for both logical and physical data center networking. Albert joined Microsoft Research in 2007, where he worked on data center networks, cloud service infrastructure, enterprise network management, and monitoring. Albert joined Microsoft after many years at Bell Labs and AT&T Labs Research, where he was an Executive Director and AT&T Fellow, and where he helped build the systems and tools for engineering and managing AT&T's networks. Albert is an ACM Fellow.