

Large Scale Networking (LSN) Interagency Working Group (IWG)

Workshop on Operationalizing SDN

September 18-20, 2017, Washington D.C.

Agenda

Day 1

- 8:30-8:45 **Welcome and Opening Remarks:** Principal Investigators KC Wang (Clemson University) and Ron Hutchins (University of Virginia)
- 8:45-10:00 **Panel 1:** *Campus Operators* (Moderator: KC Wang)
Wallace Chase, Clemson University
Jim Griffioen, University of Kentucky
Joe Breen, University of Utah
Victor Orlikowski, Duke University
Scott Valcourt, University of New Hampshire
Nathan Lewis, Louisiana State University
- 10:00-10:45 **Keynote:** *Internet Ossification to Open Source SDN & Democratization of Innovation.*
Guru Parulkar, Executive Director for the Open Networking Foundation and the Open Networking Laboratory
- 11:00-12:30 **Panel 2:** *Network Providers* (Moderator: Inder Monga)
Inder Monga, ESnet
Joe Mambretti, iCAIR
John Moore, Internet2
Akbar Kara, LEARN Texas
Tom Lehman, MAX
Marc Bruyere, TouSix SDX and FAUCET SDN
Karen Davis, Level3
- 1:30-2:40 **Panel 3:** *Open Source Developers*
Open Virtual Network (OVN), Russell Bryant, RedHat
OpenDayLight, Colin Dixon, Facebook
FAUCET, Brad Cowie, University of Waikato
- 3:00-4:40 **Panel 4:** *Commercial Developers* (Moderator: Kyle Forster)
Kyle Forster, Big Switch Networks
Marc Woolward, vArmour
Manouch Khezri, Volta
Sujata Banerjee, et al., VMWare
Dan Tuchler, Pica8
Eric McLeroy, Redhat-Ansible
Ben Mack-Crane, Corsa

4:50-5:40 **Breakout 1: *Operational SDN Gaps***

Day 2

8:30-10:00 **Panel 5: *Application Drivers*** (Moderator: Ron Hutchins)
Paul Burmeister, University of Texas Medical Branch
Raj Ketthimuthu, Argonne National Lab
Sean Donovan, Georgia Tech
Julio Ibaraz, Florida International University
Rick McGeer, U.S. Ignite
KC Wang, Clemson University
Jeff Petersen, EntryPoint (Ammon, IA)
Malathi Veeraraghavan, University of Virginia
Andrew Rogers, Enterprise Center (Chattanooga, TN)

10:20-11:20 **Keynote Panel: *SDN from Research to the Real World***
Jonathan M. Smith, University of Pennsylvania
Chip Elliott, Raytheon
Ronald Hutchins, University of Virginia

11:20 -12:20 **Open Mic and Lightning Talks:** Graduate students Sergio Rivera (University of Kentucky), Geddings Barrineau (Clemson University), Junaid Zulfiqar (Clemson University), Dewang Gedia (University of Colorado, Boulder), Rahil Gandotra (University of Colorado, Boulder)

1:20-2:40 **Panel 6: *Security***
Paul Ruth and Ilya Baldin, RENCi
Kate Keahey, University of Chicago
Joe Breen, University of Utah
Danda Rahwat, Howard University
Robert Kimball, Ciena
Sujata Banerjee, VMWare

3:00-4:30 **Breakout 2: *Missing Tools***

4:30-5:30 Discussion

Day 3

8:30-10:00 **Panel 7: *Federal program interests and feedback***
Jack Brassil, NSF
David Stern, DISA
Ben Brown, DOE
Padma Krishnaswamy, FCC

10:20-11:30 **Breakout 3: *Bridging the gaps***

11:30-12:15 Close: Key Areas for Operational SDN R&D