SDN RG State of the Nation

Dave Meyer

Daniel King

IETF 92 Dallas

A Short History of (almost) Everything SDN RG (1)

- **IETF 84** – Outlined the SDN (RG) Continuum
- **IETF 85** – Seeded some "SDN-hard" Problems
- **IETF 86** – SDN Trends, Experiments and NFV
- **IETF 87** – Novel SDN Applications, Operator Perspectives, State Reduction and Dependable SDNs
- **IETF 88** – Defining SDN in the Context of the IETF, Architectures and Terminology

A Short History of (almost) Everything SDN RG (2)

- **IETF 89** – SDN Hybrid Architectures and SDN Research in Action
- **IETF 90** – Hardware Abstraction, Modeling Languages and Traffic Engineering
- **IETF 91** – Scaling SDN, Blending SDN &NFV, NFV H-W Acceleration, and IoT

Thus far, we have been a very successful "conference" venue.

SDN RG Moving Forward

- Restate the SDN Challenges?
  - "Evolve the Internet at large"

- Develop a Work Plan?
  - But. We are not a WG.

- SDN RG Tools
  - New charter?
  - Refresh the Wiki?
  - How to (better) utilize the mailing list?

- Ultimately, its all about the RESEARCH and how to support YOU, the research COMMUNITY!

SDN RG Initiatives MAY include

- Co-Location of interim SDN RG sessions, candidates include:
  - EWSDN (Sept/Oct in Spain)
  - IEEE NFV/SDN (Nov in California)
  - iPOP (April/May in Japan)
- Incubation program for specific SDN research topics/proposals
  - Allotted RG time
  - Technical support/referrals/reviews
  - Seeding of (suitable) ideas within the IETF
- More RG Publications
  - Informational Documents

Open Mic

- This is your research group…
- How can we best facilitate your research?
- We need feedback, ideas, and ongoing discussion
- Ideally, dialogue should continue on the list