News and Proposals on the NFVRG Activities

Buenos Aires, 6th & 7th April 2016
Inter-RG Collaboration

• Proposal for a joint session on network management in Berlin
  – NMRG
  – NMLRG
  – SDNRG
  – NFVRG
  – The purpose is to review/investigate:
    1. The challenges, techniques and tools for the management and operation of NFV and SDN networks
    2. How virtualization and programmability impact and can be used to manage networks

• Started contacts with the NWCRG to explore possible joint activities
  – The people in NWCRG are preparing a concrete proposal based on their view of applying NFV principles to the NC architecture
  – More on this in Berlin

• So stay tuned…
Collaboration with WGs

• The OPSAWG discussed yesterday about NFV implications
  – NFV operational taxonomy
  – NFV operational gap analysis
  – Volunteers welcome

• Request from IDR on the applicability of BGP to NFV and SDN
  – See draft-hares-flowspec-combo-01

• So keep even more tuned...
Changing the Focus

• Three active near-term items
  – Policy-based resource management
    • We have an area document on this
  – Analytics for visibility and orchestration
    • Two drafts, and partially others
  – Security and service verification
    • At least one draft, and partially others

• One rather inactive
  – Performance Modeling to Facilitate Transition

• A proposal for substitution made in Yokohama
  – No change in the landscape
A Concrete Proposal

• Change the inactive item with three new ones
  – From contributions and discussions in the RG
  – And elsewhere: ETSI NFV, open-source projects...

• Reliability and fault detection in NFV-based and mixed networks
  – An essential aspect in network management

• Service orchestration and lifecycle aspects
  – SDN design patterns, DevOps and continuous integration, FCAPS aspects...

• Real-time properties
  – Measurement, monitoring, management, orchestration...
  – Exemplary applications: VoLTE, augmented reality