



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 <https://www.ietf.org/proceedings/95/slides/slides-95-nfvrg-19.pdf>
 - 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