

56th NMRG Meeting

NoF, Roma

03-04 October 2019

Chairs: Laurent Ciavaglia, Jérôme François



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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

Useful links

Minutes: <https://etherpad.tools.ietf.org/p/nmrg-virtual-20191003>

Materials: <https://datatracker.ietf.org/meeting/interim-2019-nmrg-10/session/nmrg>

Agenda

October 3rd

- 13:30-14:30 Welcome Lunch
- 14:30-15:00 Introduction: NMRG Chairs
- 15:00-16:00 Tutorial: "Intent-based Network Programmability", Walter Cerroni
- 16:00-16:30 Break
- 16:30-16:45 NMRG work plan on Intent-based Networking, NMRG Chairs
- 16:45-17:15 Internet-Draft "Intent-Based Networking - Concepts and Overview", Laurent Ciavaglia, [draft-clemm-nmrg-dist-intent-02](#)
- 17:15-17:45 Internet-Draft "Intent Classification", Olga Havel, [draft-li-nmrg-intent-classification-01](#)
- 17:45-18:00 Discussion

October 4th

- 09:00-09:30 Overall Intent-based Networking tools view
- 09:30-10:15 Demo: "Intent-Based 5G IoT Application Network Slice Deployment", Fred Aklamanu, Sabine Randriamasy, Eric Renault
- 10:15-11:00 Demo: "Self-Generated Intent-Based System", Mehdi Bezahaf, Marco Perez Hernandez, Lawrence Bardwell, Eleanor Davies, Matthew Broadbent, Daniel King, David Hutchison
- 11:00-11:30 Break
- 11:30-12:15 Technical presentation: "Multi-layer IBN in NFV ecosystem: Functional Architecture and Practical Experience", Barbara Martini, Molka Gharbaoui
- 12:15-13:00 Demo: "Intent-based Service Function Chaining on ETSI NFV Platforms", Davide Borsatti, Walter Cerroni, Gianluca Davoli, Franco Callegati
- 13:00-14:00 Lunch
- 14:00-15:30 Overall Intent-based Networking tools view, next level: interconnection, extensions, gaps
- 15:30-16:00 Break
- 16:00-17:30 Discussion, hackathon project, summary

Meeting Objectives

- Emphasis on prototypes, practical experiences and work-in-progress towards designing and implementing IBN enablers and solutions
- Discuss technical aspects, share experiences and stimulate collaborations in the field of IBN
- Consolidate the research community of IBN and bridge the theoretical and practical approaches