



Management and Service-aware Networking Architectures

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Questions for Panels & Discussions

1. What are the main bottlenecks in the current Internet
2. What are the first 5 challenges/problems to be fixed?
3. Levels of Service-awareness Internet
4. How to interwork Future Internet with Current Internet
5. How to deploy novel features
6. What can we learn from the last 40 years of evolution Internet
7. Proposals for research directions
8. What are the changes in
 - Management responsibilities for Future Internet
 - Relationships between Management and Governance
 - Accountability and responsibility in Future Internet
 - Relation between Management and Costs in Future Internet
 - Management technologies
9. Management as the driver of the design, deployment and grows of Future Internet
10. What can we learn from the last 40 years of Management of Internet
11. Proposals for research directions



MANA Session Agenda

Invited Talks "Future Internet of Networks and Services"

Jeff Chase (Duke University, USA)

Suzanne Iacono (NSF, USA)

Panel on Service-aware Networking Architectures

Moderator: Henrik Abramowicz (Ericsson, Sweden)

Panellists:

Krishan Sabnani (Alcatel-Lucent, USA) - for networking architectures

Jens Zander (KTH, Sweden) - for wireless architectures

George Pavlou (UCL, U.K.) - for evolutionary service-aware architectures

Mark Wusthoff (SAP Research, Germany) for service clouds architectures

Jeff Chase (Duke University, USA) - for clean slate architectures

Panel on Self-management of Future Internet

Moderator: Alex Galis (UCL, U.K.)

Panellists:

Marcus Brunner (NEC Research, Germany) - for network management

Danny Raz (Google USA and Technion Univ., Israel) - for system management

Olivier Festor (INRIA, France) - for network and service management

Joe Butler (Intel, Ireland) - for service management

MANA position statement, discussion and approval

Moderator: Rainer Zimmermann (EU, Belgium)

FIRE Use Cases

Anastasius Gavras (Eurescom, Germany)

Nancy Alonistioti (University of Athens, Greece)

Alex Galis (UCL, UK)

MANA position statement presentation and discussion

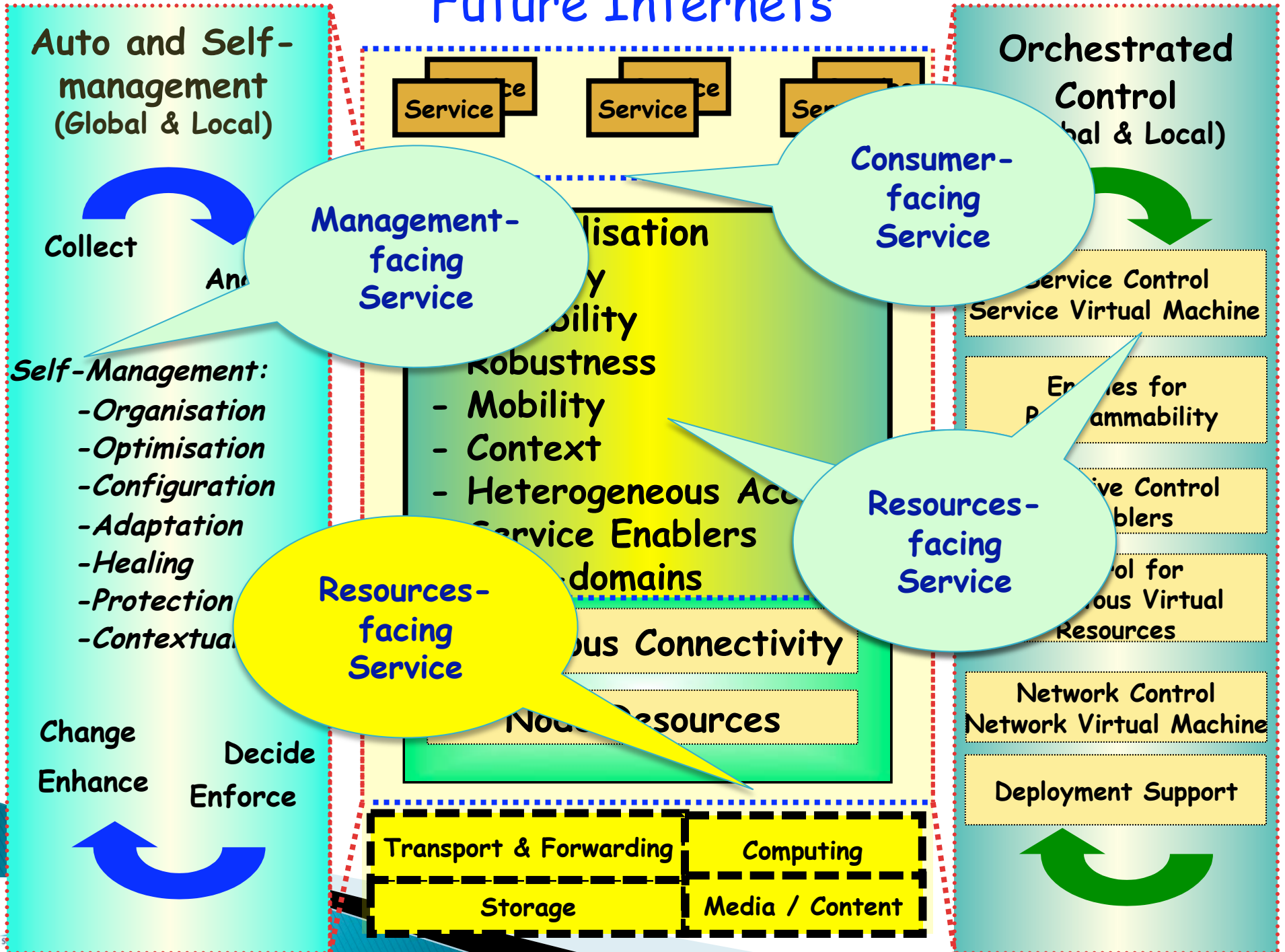
Alex Galis (UCL, U.K.)

Marcus Bunner (NEC Research, Germany)

Henrik Abramowicz (Ericsson, Sweden)



Future Internets



Next Steps: MANA System Functions and Requirements (SFR) Paper



Scope: identifies the research orientation together with the priority challenges for MANA as part of the Future Internet

1. Call for contributors / authors @ FIA Madrid

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2. Workshop in Q1 2009 to progress SFP

3. Present SFR at FIA Prague May 2009



MANA definitions ...

Mana is the name of a food which, according to the Bible, was eaten by the Israelites during their travel in the desert.

In antropology **Mana** has commonly been interpreted as "the stuff of which magic is formed" and as well as the substance on which souls are made.

Four us **Mana** is the core and the infrastructure on which Future Internet is made.

