

Sec. VIII - Challenges and Research Opportunities

Interoperability

Resource and
Service Modeling

Performance and
Service Assurance

Lifecycle Management

Scalability

Security and
Resiliency

Sec. II - Background

- Cloud Computing
- SDN
- NFV
- Historical overview
- Relationships

Sec. III - Scenarios

- Mobile
- Transport
- Cloud
- IoT

Sec. V - Standardization

- ETSI
- MEF
- TM Forum
- IETF
- NGMN
- 3GPP
- OASIS
- ONF
- ITU

Sec. VI - Projects

- T-Nova
- Unify
- 5GEx
- SONATA
- 5G-T
- VITAL
- Others

Sec. VII - Solutions

- Open Source:
- Cloudify
 - ESCAPE
 - Gohan
 - ONAP
 - Open Baton
 - OSM
 - Tacker
 - TeNOR
 - X-MANO
 - XOS
- Commercial

SERVICE

TECHNOLOGY

SCOPE

SDO

RESOURCE

ARCHITECTURE

SOFTWARE

Sec. IV - Network Service Orchestration

Definitions

Functionality and Scope

Single and Multi-Domain

Taxonomy