

# Proposal for a session at the Future Internet Assembly

## Subject

Management and Governance within the Future Internet

## Scope

- Management of Ubiquitous Virtual Resources - including the integrated and flexible usage of heterogeneous and assumable virtual resources for energy, networking, computation, storage, content, mobility, etc.
- Cross-domain Self Management functions and cross-layer cooperative Future Internet systems design providing integrated management functionality, including: system lifecycles, monitoring, (re)configuration, optimisation, organisation, performance, adaptation, context, semantics, security, composition, assurance, negotiation, repository, SLA, QoS, billing, functions-management; minimising life-cycle Future Internet system costs, minimising the energy footprint
- Embedding management functionality in all Future Internet systems (i.e. InNetworks management, InServices management, InContent management)
- Dynamic deployment of (new)management functionality with no interruption of Future Internet systems' and services' operation (i.e. Plug-and-Play, UnPlug-and-Play, programmability)
- Orchestration and integration of management functionalities

## Initiator domain

Services WG

## Priority from the originator domain

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## Duration of the parallel session

2.5 hours

## Other domains required to participate and how

Networks, Content

## Possible endorsement/support from other domains

Networks

## More information

[http://services.future-internet.eu/index.php/Management\\_and\\_governance](http://services.future-internet.eu/index.php/Management_and_governance)