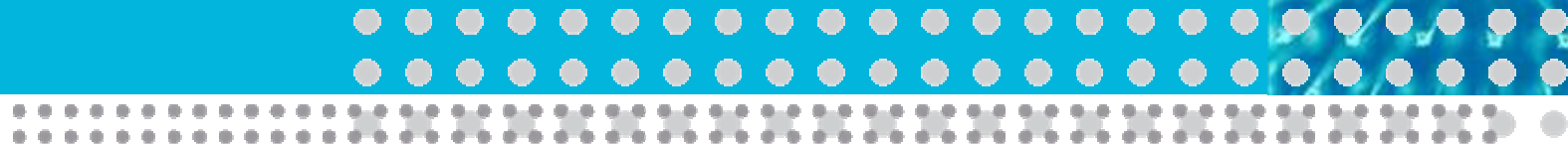
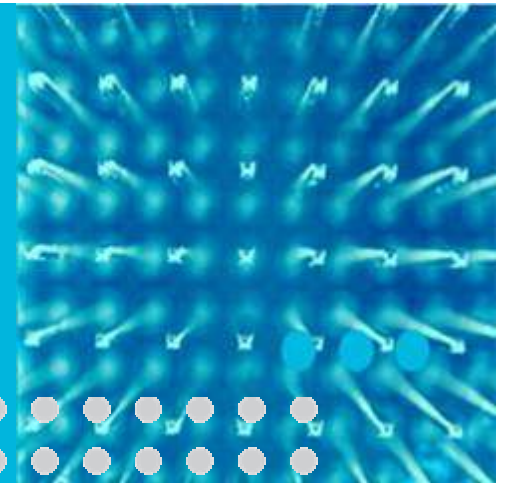


Panel discussion Self-Management



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Do we need Self-Management ?

As a rational (very) short summary

Are you using Traffic Engineering in your Network ?

- Well, we have MPLS-TE running...
- ...Huum, but it works, we don't touch it anymore
- an incumbent

Seems obvious to everybody that we have:

- Too much complexity (5000+ RFCs,..)
 - Scalability concerns
 - Too high OPEX
 - ...
-
- ... so there is an apparent consensus

We need Self-Management !!



Does Self-Management belong to
Internet of the future

... just look at the FP7 projects !!

(including unfortunate candidates)

Looks like almost unanimity there !



So...Time to move forward

Transform the magic title into concrete technical blocks

- Some questions for discussion:
 - Models, architectures, functions, languages, protocols, algorithmic, artificial intelligence, applicability... what first ??

- Reinvent the wheel ?
 - don't forget to say *why* doing Self is better than State of the Art !

- Migration
 - Is the world a green field ?

- Interoperability
 - Same constraint as previous technologies... don't short cut the problem

Do we agree ?

- are we capable to agree on:
 - Minimal set of *generic* autonomic features
 - Minimal definition of the overall architecture
 - Interfaces type
 - Information format
 - Exchange protocols principles

- ..so that we can progress on intelligence, semantic and specific Internet of the Future needs ?

Thanks !