

Fixed–mobile convergence

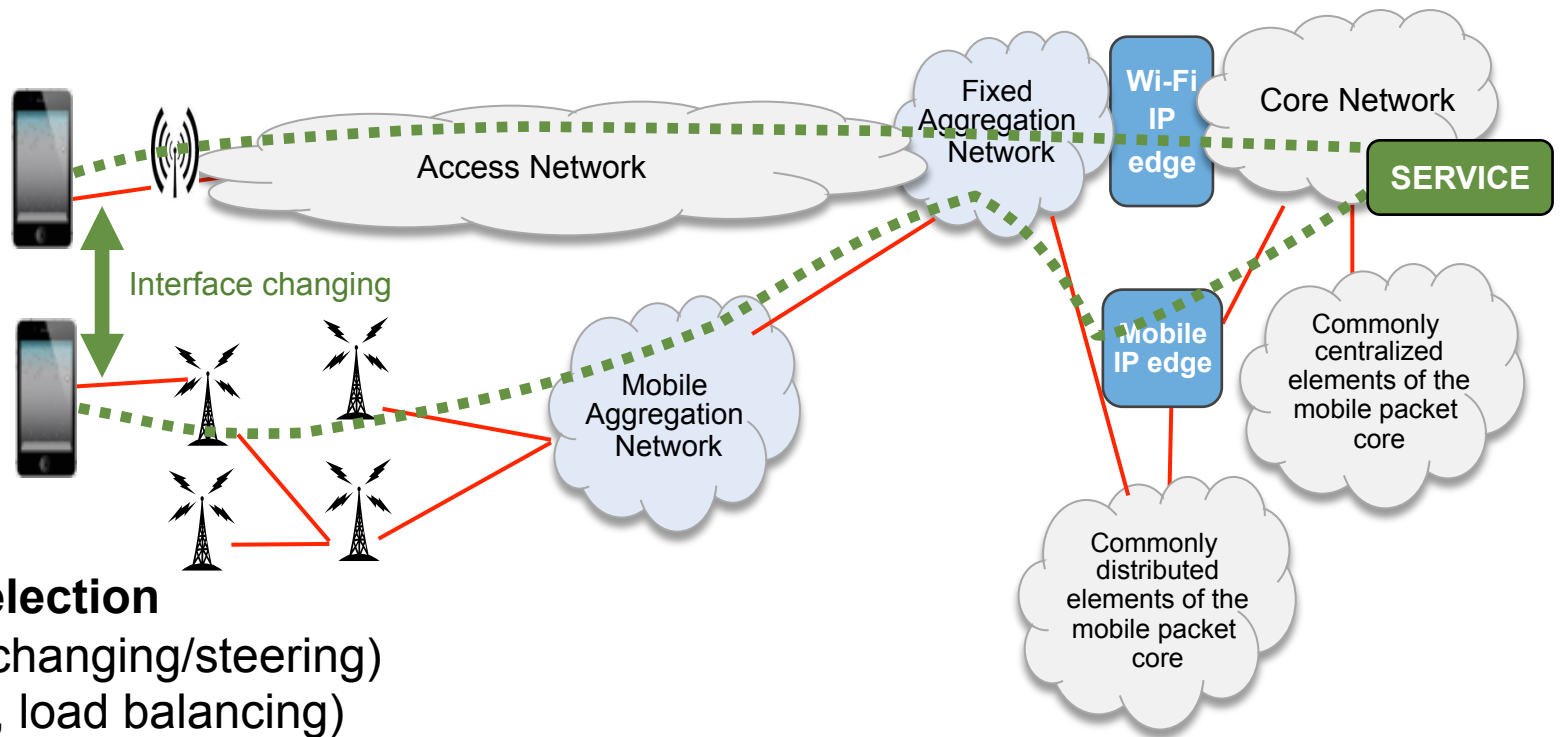
Functional convergence

Advanced interface selection and route control

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Example of Decision engine target: Availability vs. Power requirements vs. QoS



3D

Access selection

(Interface changing/steering)

(Handover, load balancing)

(Traffic steering, dynamic shifting)

- **Horizontal ?** (Homogeneous, geographical)
- **Vertical ?** (Heterogeneous, multi-RAT)
- **Transversal?** (Inter-Operator)?

Selective switch-off & Consolidation

Optimisation

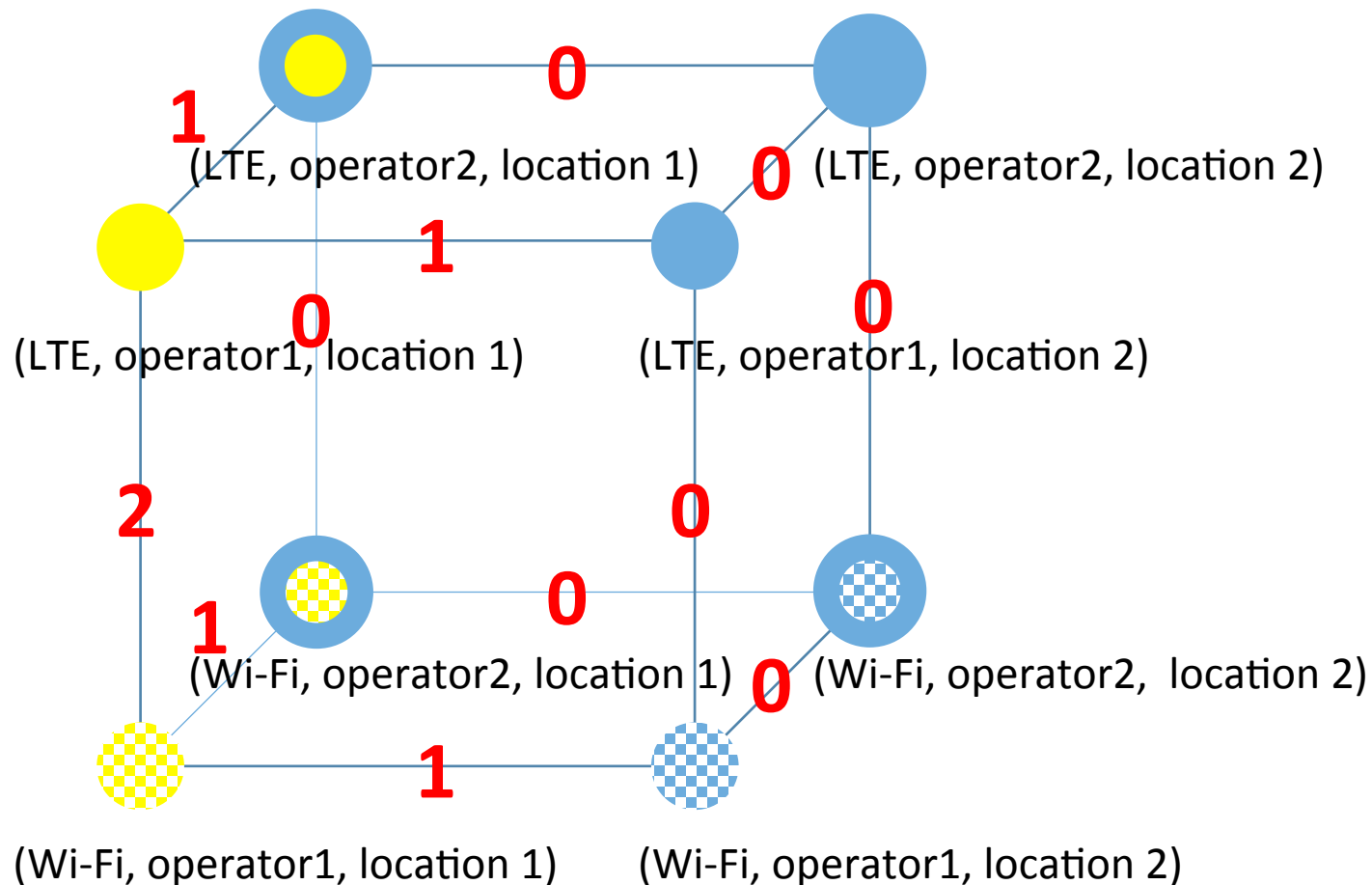
Simulations



Message:

- Availability: can be improved
- Energy: reduced!!!
- QoS: OK

Minimum configuration (8 nodes – 12 transitions)



Not all $12 \times 2 = 24$ transitions needed! A total of 6 is enough!!!
Location and operator change is symmetrical, technology change is not

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