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Stateless mobility functions

draft-sijeon-dmm-stateless-mobility-functions-00

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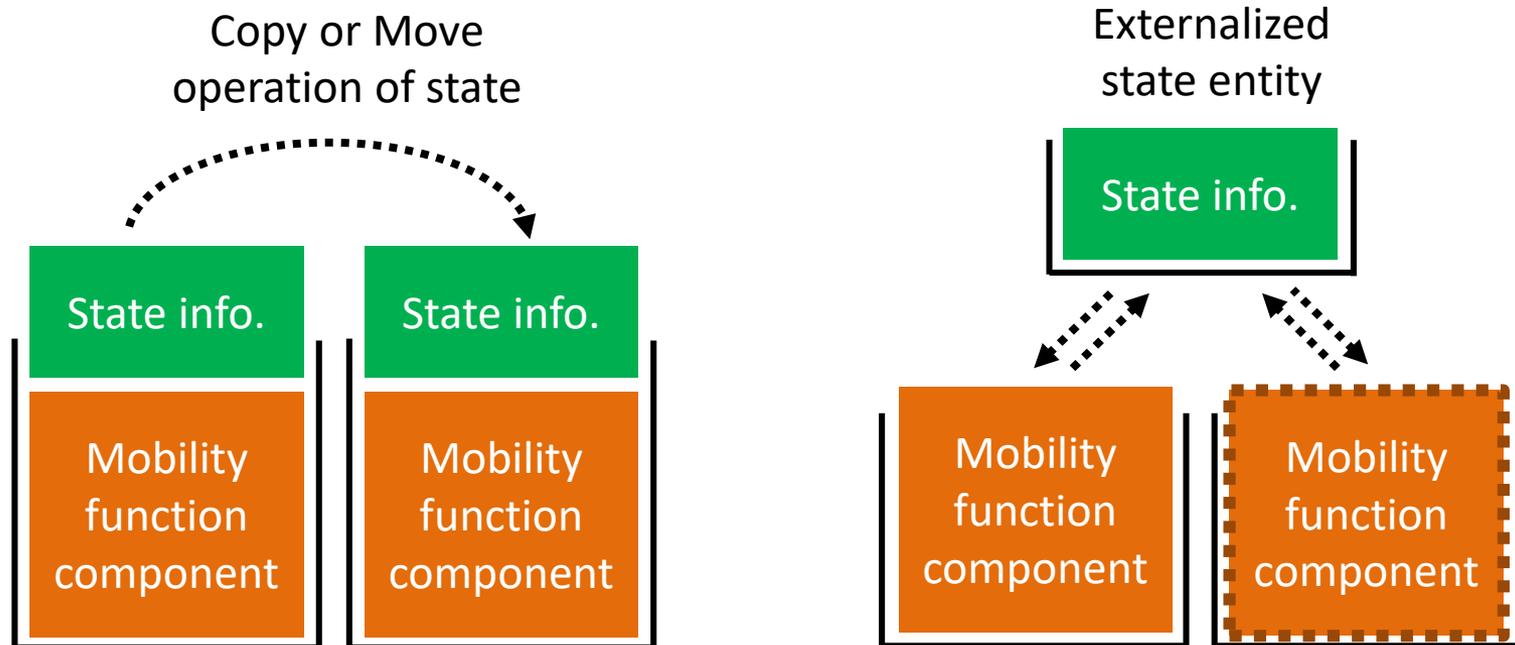
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Motivation

- Network functions are stateful!
- Decoupling state from network function might ease scaling-in/out of mobility function resource
- In 3GPP NextGen system architecture, stateless NF is mentioned

Mobility state management

- 1) State transfer from one to another
- 2) State managed in an external entity



Discussion

- Such trials need to be considered to make the current mobility protocol operations flexible?
 - Mobility anchor switching?
 - Smooth gateway relocation support?
 - Failover of mobility function?

Next step

- Investigate use cases in details with existing mobility management protocols for future mobile networks
- Write problem statement based on the use cases

Q & A

- Is it interested in DMM WG?
- Your interest and cooperation will kindly be welcome