IPoC: IP over CCN for seamless 5G mobility

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Concept

• Use CCN as the forwarding plane for a Mobile Core Network

• Support existing IP services via an “IP over CCN” protocol – replacing LTE-EPC (GTP Tunnels) for IP Mobility

• Enable deployment of native CCN applications, preserving the benefits
Draft Status

• July 21 ICNRG Interim: Individual draft presented for adoption

• July 24-26: Adoption confirmed on mailing list

• August 2: RG draft submitted
Changes in RG draft 00

• Added reference to:

• Updated references to:
Open Items

• Consider including a comparative discussion of Mobile IPv6 (RFC 6275) and Multicast Mobility (RFC 5757).