

Next Generation Architecture work in SA2

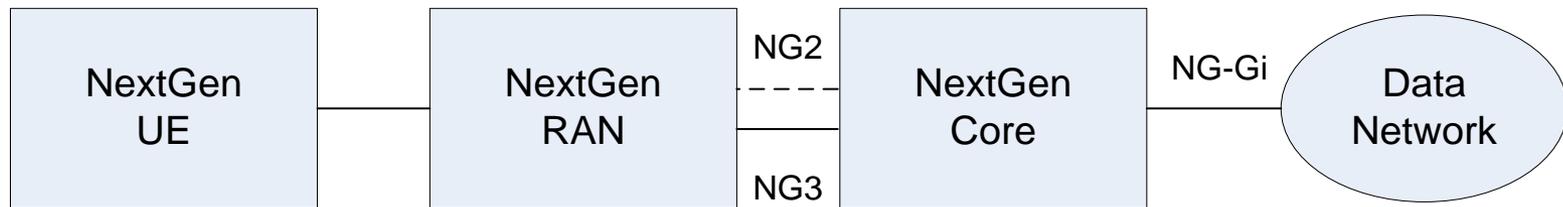
China Mobile, Nokia

0. Related Information

- A joint meeting is held on 27th May, during the SA2#115, RA2#94, RAN3#92
- SA2 shared the Next Generation Architecture Study status and the time plan of the work (Summarized in S2-163037)
- This proposal refers to the content of S2-163037

1. Initial High Level Architecture and Reference points

- SA2 agreed to the high level architecture used as a reference model for NextGen study.
- The Initial High level architecture shows the NextGen UE, NextGen RAN, NextGen Core and their reference points.



NG2: Reference point for the control plane between NextGen RAN and NextGen Core.

NG3: Reference point for the user plane between NextGen RAN and NextGen Core.

NOTE: NextGen RAN connected to EPC is not in the scope of NextGen TR (not explicitly mentioned in the TR)

2. Time Plan of NextGen in SA2

- SA2 targets to complete a baseline NextGen architecture study in Release 14 (conclude by December 2016) and complete normative work in Release 15.
 - Its features can further be enhanced in Release 16.
- Work is planned in SA2 for
 - An early availability of basic system for trials and deployments that fulfils the goals and expectations set about for Next Generation of System including the Core Network.
 - Building of a complete and feature rich system using the basic system defined in step 1 as a foundation thereby ensuring backwards compatibility within Next Gen Ecosystem.

(from Annex C in NextGen TR 23.799)