

UE

SRN

SCN

HN

generate e_{hnid}, d_{hnid}
compute $\mathcal{X}_{hnid, hnid}$

Integrity protected provisioning of HN's self signed
certificate to UE

$scnid$

the UE decides to
attach with the SCN

$E(IMSII||salt, e_{hnid}), hnid, kid$

$E(IMSII||salt, e_{hnid}), hnid, kid$

$E(IMSII||salt, e_{hnid}), kid$

compute
 $D(E(IMSII||salt, e_{hnid}), d_{hnid})$

for LI, IMSI is sent back
to SCN along with AV

$IMSI, AV$

