UE
SEAF
AUSF
UDM
AAA-P
AAA-E
1. Registration Request
(SUCI)
2. Nausf_UEAuthentication_AuthenticateRequest
(SUCI, SN-name)
3. Nudm_UEAuthentication_Get_Request
(SUCI, SN-name)
4. SUCI deconcealing
5. Nudm_UEAuthentication_Get_Response
(SUPI, AAA-E information)
6. Authentication_Request/Access Request
(SUPI)
7. Access Request
(SUPI)
8. EAP Authentication between UE and AAA-E
9. Access Accept
(EAP Success, MSK, SUPI)
10. Authentication_Response / Access Accept
(EAP Success, MSK)
11. EAP authentication (e..g, EAP-TLS) with PSK (using MSK as PSK) and derive new MSK and new EMSK
12. Derive K_{AUSF} from the new EMSK
13. Nausf_UEAuthentication_AuthenticateResponse
(EAP Success, K_{SEAF}, SUPI)
14. Authentication Result
(EAP Success, ngKSI, ABBA)
15. Derive K_{AUSF} from the new EMSK