AUN3 Device
RG
WAGF
AMF/ SEAF
AUSF
UDM
NSSAAF
AAA Server
1. Layer 2 connection
2. L2(EAP-Request/Identity)
3. L2(EAP-Response/Identity (NAI))
4a. AAA Message (EAP-Response/Identity (NAI))
4b. Registration Request (SUCI, AUN3_Indicator)
4c. Registration Request (SUCI, AUN3_Indicator)
5. Nausf_UEAuthentication_AuthenticateRequest (SUC, SN-name, AUN3_indicator)
6. Nudm_UEAuthentication_Get_Request (SUCI, SN-name, AUN3_indicator)
7. Authentication Method Selection
8. Nudm_UEAuthentication_Get_Response (SUPI, AuthMethod)
9. Nnssaaf_AWF_Authentication_Request (SUPI)
10. AAA(EAP Request/ Identity (SUPI)
11. EAP based Primary Authentication
12. AAA(EAP Success (SUPI, MSK)
13. Nnssaaf_AWF_Authentication_Response (EAP Success, SUPI, MSK)
14. Nausf_UEAuthentication_AuthenticateResponse (EAP Success, SUPI, MSK)
15a. Authentication Result (EAP Success, MSK)
15b. AAA Message (EAP Success, MSK)
15c. Authentication Result (EAP Success, MSK)
16. L2(EAP Success)
17a. Derive WLAN key from PMK
17b. Derive WLAN key from PMK
18. Establish WLAN security (4-way handshaking)
19. Local IP configuration