AUN3 Device
RG
WAGF
AMF/ SEAF
AUSF
UDM
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, EAP-AKA' AV or AuthMethod)
9. Authentication and key agreement using EAP-AKA'
10. Nausf_UEAuthentication_AuthenticateResponse
(EAP Success, SUPI, MSK)
11a. Authentication Result
(EAP Success, MSK)
11b. AAA Message
(EAP Success, MSK)
11c. Authentication Result
(EAP Success, MSK)
12. L2(EAP Success)
13a. Derive WLAN key from PMK
13b. Derive WLAN key from PMK
14. Establish WLAN security
(4-way handshaking)
15. Local IP configuration