AUN3 Device
5G-RG
W-AGF
AMF/ SEAF
AUSF
UDM
1. Layer 2 connection
2. L2(EAP-Request/Identity)
3. L2(EAP-Response/Identity (NAI))
4. Registration Request
(SUCI, AUN3_Indicator)
5. Nausf_UEAuthentication_AuthenticateRequest
(SUCI, 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. EAP based Primary Authentication
10. Nausf_UEAuthentication_AuthenticateResponse
(EAP Success, SUPI, MSK)
11. 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