AUN3 Device
RG
WAGF
AMF/ SEAF
AUSF
UDM
1. Layer 2 connection with local authentication
2. AAA Message (Accounting Request/Identity (NAI))
3. AAA Message (Accounting Response/Identity (NAI))
4. Registration Request (AUN3 SUCI, authenticated.by W-5GAN, RG SUCI)
5. Nausf_UEAuthentication_AuthenticateRequest (AUN3 SUCI, SN-name, authenticated by W-5GAN, RG SUCI)
6. Nudm_UEAuthentication_Get_Request (AUN3 SUCI, SN-name, authenticated by W-5GAN, RG SUCI)
7. Verify that RG has been successfully authenticated, and AUN3 is controlled by the RG. Decide that authentication by HN is not required.
8. Nudm_UEAuthentication_Get_Response (SUPI, authentication by HN not required)
9. Nausf_UEAuthentication_AuthenticateResponse (SUPI, authentication by HN not required)
10. NAS security with NULL confidentiality and NULL integrity protection
11. N2 Registration Accept
12. N2 Registration Complete
13. W-5GAN PDU session setup