UE
AMF
SMF
UPF
UDM
NSSF
1. Initial Registration Request
Support for simultaneous slice usage contraints= 1)
2. Get Slice selection subscription data
Check UE's subscription
3. UE's subscribed NSSAI list, default NSSAI
4. Nnssf_NSSelection_Get (Subscribed NSSAI, Default NSSAI, PLMN, TAI, Support for simultaneous slice usage contraints= 1)
5. Provide Configured NSSAI , Slice compatibility information for Configured NSSAI
6. AMF stores the slice compatibility information, continues with registration procedure as described in TS 23.502, Section 4.2.2.2
7. Registration Accept
(Configured NSSAI, Slice compatibility information for each Configured S-NSSAI)
8. Periodic/Mobility Registration Request
(Requested NSSAI = S-NSSAI-A, S-NSSAI-B, S-NSSAI-C)
Registration Procedure as described in TS 23.502, 4.2.2.2
9. Registration Accept
(Allowed NSSAI = S-NSSAI-A, S-NSSAI-B, S-NSSAI-C)
10. UE initiated PDU Session Establishment procedure and activation of user plane resources for S-NSSAI-A, S-NSSAI-B based on slice constraints