5GC		
New AMF	Old AMF	PCF

PCF Interactions: 5G Standalone Access Registration

Update policy association with the PCF. The PCF registers for AMF events.

1:Npcf_AMPolicyControl_Create Request

The AMF contacts the PCF to create a policy association and retrieve the UE policy and/or Access and Mobility control policy.

2:Npcf_AMPolicyControl_Create Response

Policy Association Request = { SUPI, GPSI, PEI, User Location, ...}

The PCF responds with the policy association information.

3:Namf_EventExpose_Subscribe Request

The PCF registers for events like "Location Report", "Registration State Report" and "Communication Failure Report".

4:Namf_EventExpose_Subscribe Response

201 Created,
Amf Created Event Subscription

The AMF responds with "201 Created" to signal successful subscription.

5:Npcf_AMPolicyControl_Delete

The Old AMF requests that the policy association is deleted as the corresponding UE context is terminated.

6:Npcf_AMPolicyControl_Delete Response

204 No Content

PCF signals the successful delete with the "204 No Content" HTTP response code.