

Policy Control Request Triggers Over N7

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Feature Summary and Revision History

Summary Data

Table 1: Summary Data

Applicable Products or Functional Area	PCF
Applicable Platform(s)	SMI
Feature Default Setting	Enabled – Configuration required to disable
Related Documentation	Not Applicable

Revision History

Table 2: Revision History

Revision Details	Release
First introduced.	2020.01.0

Feature Description

PCF can subscribe to the policy control request triggers on the SMF. This is done by including triggers in the response to smPolicyControl_Create request. PCF can modify the request triggers that are subscribed in the SMF using Npcf_SMPolicyControl_UpdateNotify request or in response to smPolicyControl_Update service operation.

Handling Out of Credit over N7

The SMF notifies the PCF about the termination action as instructed by the CHF within the "finUnitAct" attribute and the impacted PCC rules within the "ruleReports" attribute.

As received from the SMF, the PCF enhanced to include the Out of Credit information within the "finUnitAct" attribute of the AF event notification.

Configuring the Policy Control Request Trigger Events over N7

This section describes how to configure the Policy Control Request Trigger (EventTrigger) service to configure different events that are subscribed in response to smPolicyControl_Create request.

Before configuring the trigger service, ensure that you have created the use case templates and added the required service.

For information on how to create a use case template and add a service for this configuration, see Configuring the Use Case Template and Adding a Service.

1. Under **Service Configurations**, click **Add** to open the **Select Service Configuration** window.
2. Choose **PCF > EventTrigger** and configure the required parameters.

   PCF can subscribe to the policy control request triggers in SMF. For the list of supported policy control triggers, see *3GPP TS 29.512 N7* specification.