

Predefined Rules and Rulebase

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Feature Summaryand Revision History

Summary Data

Table 1: Summary Data

Applicable Products or Functional Area	PCF
Applicable Platform(s)	SMI
Feature Default Setting	Enabled – Always-on
Related Documentation	Not Applicable

Revision History

Table 2: Revision History

Revision Details	Release
First introduced.	2020.01.0

Feature Description

During session establishment and modification, the SMF communicates with PCF over the N7 interface. When a user equipment (UE) establishes a packet data unit (PDU) session, the UE requires policies for session management. PCF stores the policies as Policy and Charging Control (PCC) rule IDs in the Policy Builder application. When SMF receives the session establishment request, SMF requests PCF to provide policies, PCF then sends the PCC rule ID. SMF uses the PCC rules to configure the UPF for various data flow tasks, such as shaping, policing to provide bandwidth, and charging functions.

PCF supports configuration of PCC rule ID for Rule and Rulebase. Rulebase is the collection of charging rule names. PCF sends this PCC rule ID to the SMF, and as per the PCC rule ID, the SMF searches the definition of these rules.

Note Rule and Rulebase Name is equivalent to Charging Rule Name and Charging Rulebase Name that were present in PCRF.

Configuration Support for Rule and Rulebase

This section describes how to configure a PCC rule ID for Rule and Rulebase rules.

1. Log in to the Policy Builder application.
2. In the **Service Configurations** pane, click **DynamicPccRule**.

   The dynamic PCC rule parameters appear.
3. Click the **PCC Rule Id** parameter and enter the **Pcc_Rule_Id** value.
4. Click **Save**.