Controlled S-GW CDR Generation

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Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	• S-GW • SAEGW (Pure-S call)
Applicable Platform(s)	• ASR 5500 • VPC - DI • VPC - SI
Feature Default	Disabled – Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	• *GTPP Interface Administration and Reference* • *Command Line Interface Reference*

Revision History

Important Revision history details are not provided for features introduced before releases 21.2 and N5.1.

Revision Details	Release
In release 21.7.2, the enhancement made in release 21.7 is now fully qualified and is generally available.	21.7.2

Revision Details	Release
With this release, generating S-GW CDR can be controlled using Charging-Characteristics profile value. **Important** This enhancement in release 21.7 is not fully qualified and is available only for testing purposes.	21.7
First introduced.	Pre 21.2

Feature Changes

With this enhancement, generating S-GW CDR can be controlled based on certain Charging-Characteristics profile value received in Charging-Characteristics IE inside Create Session Request. The functionality can be enabled and configured using the Command Line Interface.

Command Changes

cc gen-cdr-for-profile

Use the following CLI commands to enable the Controlled S-GW CDR Generation.

```
configure
  call-control-profile profile_name
    cc gen-cdr-for-profile { [ 0 ] [ 1 ] [ 10 ] [ 11 ] [ 12 ] [ 13 ] [
14 ] [
15 ] [ 2 ] [ 3 ] [ 4 ] [ 5 ] [ 6 ] [ 7 ] [ 8 ] [ 9 ] }
    end
```

NOTES:

- **0 … 15**: Configures CC-profile number 0 for S-GW CDR generation ... Configures CC-profile number 15 for S-GW CDR generation.
- If previously configured, use the **no cc gen-cdr-for-profile** CLI command to disable the feature. In other words, the S-GW CDR generation happens as before.
- Existing CLI commands for S-GW CDR generation are not impacted:
  - The **cc gen-cdr-for-profile** CLI command takes effect only if the existing **cc behavior-bit no-records** CLI command has no impact based on Charging-Characteristics profile value received.
  - The existing **accounting-mode gtpp** CLI command is still required for S-GW CDR generation.
- The Controlled S-GW CDR Generation feature will not work if the **cc prefer local-value** CLI command is configured.
- Subsequent configuration of **cc gen-cdr-for-profile** CLI command results in earlier values being discarded.
- The values of **cc gen-cdr-for-profile** CLI command are applicable only for new subscribers connected after the CLI is configured.