

Disable Cause Source Enhancement

- Feature Summary and Revision History, on page 1
- Feature Description, on page 2
- Configuring cause-source, on page 2
- Monitoring and Troubleshooting, on page 2

Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	• S-GW • SAEGW
Applicable Platform(s)	ASR 5500
Feature Default	Disabled - Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	• *Command Line Interface Reference* • *S-GW Administration Guide* • *SAEGW Administration Guide*

Revision History

Revision Details	Release
First introduced.	21.3

Feature Description

This feature introduces configuration changes that would allow you to configure the S-GW, including SAEGW instances, to disable the Cause Source bit functionality in Cause IE. If this configuration is enabled, S-GW and SAEGW always set the Cause Source Bit in Cause IE to zero.

Configuring cause-source

The **gtpc disable cause source** command has been introduced in support of this feature.

```
configure
    context context_name
       egtp-service egtp_service_name
          [ no | default ] gtpc disable cause-source
          end
```

Notes:

- **disable:** Disables functionality at egtpc level
- **cause-source:** Disables cause source Bit in Cause IE.

Monitoring and Troubleshooting

This section provides information on how to monitor and troubleshoot using show commands and bulk statistics available to support of this feature.

Show Commands and/or Outputs

This section provides information regarding show commands and their outputs for the Disable Cause Source feature.

show egtp-service name egtp

This command displays the following output:

```
Service name                        : egtp_sgwi1….
Reject S2b HO(No UE Context)        : Disabled
GTPC Cause Source bit in Cause IE   : [Enabled/Disabled]
```

Troubleshooting

The following commands can be used for troubleshooting:

- The following commands can be used for checking current status of this feature:

  show egtp-service name *service_name*

- Monitor protocol CLI can be enabled to check GTPV2 protocol trace. In the protocol trace output cause source bit in Cause IE can be checked.