



# Disable Cause Source Enhancement

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## Feature Summary and Revision History

### Summary Data

Applicable Product(s) or Functional Area	<ul style="list-style-type: none"><li>• S-GW</li><li>• SAEGW</li></ul>
Applicable Platform(s)	ASR 5500
Feature Default	Disabled - Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	<ul style="list-style-type: none"><li>• <i>Command Line Interface Reference</i></li><li>• <i>S-GW Administration Guide</i></li><li>• <i>SAEGW Administration Guide</i></li></ul>

### 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_sgwil...
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.

