



# 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 | <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.

