



# GT-Format3 Configuration Mode Commands

## Command Modes

The GT-Format3 configuration mode is a sub-mode for either the Global Title Translation Association configuration mode or the Global Title Translation Address-Map configuration mode. This sub-mode configures a set of rules used in the global title translation (GTT) process.

Exec > Global Configuration > GTT Association Configuration > GT-Format3 Configuration

**configure** > **global title translation association instance** *instance\_number* > **gt-format** *format\_number*

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-gtt-instance-format3)#
```



## Important

The commands or keywords/variables that are available are dependent on platform type, product version, and installed license(s).

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- [end](#), on page 3
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## do show

Executes all **show** commands while in Configuration mode.

### Product

All

### Privilege

Security Administrator, Administrator

### Syntax Description

**do show**

### Usage Guidelines

Use this command to run all Exec mode **show** commands while in Configuration mode. It is not necessary to exit the Config mode to run a **show** command.

The pipe character | is only available if the command is valid in the Exec mode.

**Caution**

There are some Exec mode **show** commands which are too resource intensive to run from Config mode. These include: **do show support collection**, **do show support details**, **do show support record** and **do show support summary**. If there is a restriction on a specific **show** command, the following error message is displayed:

```
Failure: Cannot execute 'do show support' command from Config mode.
```

## encoding-scheme

This command configures the encoding scheme to use during global title translation (GTT).

**Product**

SGSN

**Privilege**

Security Administrator, Administrator

**Command Modes**

Exec &gt; Global Configuration &gt; GTT Association Configuration &gt; GT-Format3 Configuration

**configure** > **global title translation association instance** *instance\_number* > **gt-format** *format\_number*

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-gtt-instance-format3)#
```

**Syntax Description**

```
encoding-scheme { bcd-even | bcd-odd | nw-specific | unknown }
```

**bcd-even**

Configures the BCD even encoding scheme.

**bcd-odd**

Configures the BCD odd encoding scheme.

**nw-specific**

Configures the network specific encoding scheme.

**unknown**

Configures the unknown encoding scheme.

**Usage Guidelines**

Use this command to select one of the encoding scheme types to determine the encoding type to be used during GTT.

**Example**

The following command configures the **bcd-even** encoding scheme for GTT:

```
encoding-scheme bcd-even
```

## end

Exits the current configuration mode and returns to the Exec mode.

|                           |  |
|---------------------------|--|
| <b>Product</b>            | All  |
| <b>Privilege</b>          | Security Administrator, Administrator        |
| <b>Syntax Description</b> | <b>end</b>                                   |
| <b>Usage Guidelines</b>   | Use this command to return to the Exec mode. |

## exit

Exits the current mode and returns to the parent configuration mode.

|                           |  |
|---------------------------|--|
| <b>Product</b>            | All  |
| <b>Privilege</b>          | Security Administrator, Administrator                        |
| <b>Syntax Description</b> | <b>exit</b>  |
| <b>Usage Guidelines</b>   | Use this command to return to the parent configuration mode. |

## numbering-plan

This command configures the numbering plan to apply during the GT translation process.

|                           |   |
|---------------------------|---|
| <b>Product</b>            | SGSN  |
| <b>Privilege</b>          | Security Administrator, Administrator   |
| <b>Command Modes</b>      | Exec > Global Configuration > GTT Association Configuration > GT-Format3 Configuration<br><b>configure &gt; global title translation association instance</b> <i>instance_number</i> > <b>gt-format</b> <i>format_number</i><br>Entering the above command sequence results in the following prompt:<br><pre>[local]host_name(config-gtt-instance-format3)#</pre> |
| <b>Syntax Description</b> | <b>numbering-plan</b> <i>plan_type</i><br><br><b>plan_type</b><br>Select one of the following numbering plans to be employed during GTT: <ul style="list-style-type: none"> <li>• <b>data</b>: Data numbering plan</li> <li>• <b>generic</b>: Generic number plan</li> </ul>  |

- **isdn**: ISDN tel numbering plan
- **isdn-mobile**: ISDN mobile numbering plan
- **land-mobile**: Land mobile numbering plan
- **maritime-mobile**: Maritime mobile numbering plan
- **nw-specific**: Private network / network-specific numbering plan
- **telex**: Telex numbering plan
- **unknown**: Unknown numbering plan

**Usage Guidelines**

Use this command to select the required number plan for GTT process.

**Example**

The following command sets the numbering plan to use during GTT processing to **isdn**:

```
numbering-plan isdn
```

## translation-type

This command configures the translation type to be applied during the translation process.

**Product**

SGSN

**Privilege**

Security Administrator, Administrator

**Command Modes**

Exec > Global Configuration > GTT Association Configuration > GT-Format3 Configuration

```
configure > global title translation association instance instance_number > gt-format format_number
```

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-gtt-instance-format3)#
```

**Syntax Description**

```
translation-type number
```

***number***

Enter the translation type value as an integer from 0 to 255.

Default: 0

**Usage Guidelines**

Use this command to define the translation type to be applied during the global title translation process.

**Example**

The following command configures the translation type with value set to 233:

```
translation-type 233
```