

Out-Address Configuration Mode Commands

Command Modes

The Out-Address configuration mode provides the commands to configure the outbound parameters for the SCCP entities as part of the gtt-address-map configuration.

Exec > Global Configuration > GTT Address-Map Configuration > Out-Address Configuration

configure > gtt address-map *map_id* **> out-address** *address_name*

Entering the above command sequence results in the following prompt:

`[local]`*`host_name`*`(config-gtt-addrmap-outaddr-`*`out_address`*`)#`

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

Important For information on common commands available in this configuration mode, refer to the Common Commands chapter.

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gt-address

Configures the SCCP short address.

Product SGSN

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration > GTT Address-Map Configuration > Out-Address Configuration

configure > **gtt address-map** *map_id* > **out-address** *address_name*

Entering the above command sequence results in the following prompt:

`[local]host_name(config-gtt-addrmap-outaddr-out_address)#`

Syntax Description

gt-address *gt_address*

gt_address

A string of 1 to 15 digits to define the GT-address

Usage Guidelines

Define the GT-address

Example

gt-address *010405525397*

gt-format

The GT-format provides four formats that can be used during GTT.

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Entering the above command sequence results in the following prompt:

`[local]host_name(config-gtt-addrmap-outaddr-out_address)#`

Syntax Description

gt-format *format_num*

format_num

1: Selects GT-format 1 options which include **nature-of-address** and **odd/even.** Once selected, the system enters GT-Format1 configuration mode.

2: Selects GT-format2 options which include **translation-type**. Once selected, the system enters GT-Format2 configuration mode.

3: Selects GT-format3 options which include **encoding-scheme**, **numbering-plan3** and **translation-type**. Once selected, the system enters GT-Format1 configuration mode.

4: Selects GT-format4 options which include **encoding-scheme**, **nature-of-address**, **numbering-plan**, and **translation-type**. Once selected, the system enters GT-Format4 configuration mode.

Usage Guidelines

Select the a GT-format that include encoding-scheme as part of the GTT process.

Example

gt-format *3*

ni-indicator

Configures the National and International indicator to use during the GTT process.

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Entering the above command sequence results in the following prompt:

`[local]`*`host_name`*`(config-gtt-addrmap-outaddr-`*`out_address`*`)#`

Syntax Description **ni-indicator** *ni_ind*

ni_ind

Select one of the following as the appropriate type of national indicator for the address structure:

- **national**
- **international**

Usage Guidelines Select the international indicator to be used for out-going addresses.

Example

ni-indicator *international*

point-code

Selects and configures the SS7-type point code for use with the out-going address.

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configure > gtt address-map *map_id* **> out-address** *address_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-gtt-addrmap-outaddr-out_address)#
```

Syntax Description **point-code** *pt_code*

pt_code

Enter 1 to 11 digits in the point code format predefined during variant selection of GTT association.

Usage Guidelines Define an ITU point code to be used for out-going address processing.

Example

point-code *6.255.6*

routing-indicator

Selects the type of routing and the indicator to be included in the out-going message.

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configure > gtt address-map *map_id* **> out-address** *address_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-gtt-addrmap-outaddr-out_address)#
```

Syntax Description **routing-indicator** *routing_ind*

routing_ind

Select one of the following options:

- **gt**: Inserts an indicator that identifies routing based on global title.
- **ssn**: Inserts an indicator that identifies routing based on the subsystem number.

Usage Guidelines Select global title as the appropriate routing indicator.

Example

routing-indicator *gt*

ssf

Selects the subservice field as factor in the out-going address processing. **ssf** sets the network indicator in the subservice field for SS7 Message Signal Units (MSUs). The indicator carried in the message's routing information typically identifies the structure of the point code as a message from within a nation or as a message coming from outside the national - international.

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configure > gtt address-map *map_id* **> out-address** *address_name*

Entering the above command sequence results in the following prompt:

`[local]host_name(config-gtt-addrmap-outaddr-out_address)#`

Syntax Description

ssf *sub_svc_fld*

sub_svc_fld

Select one of the following options:

- **international:** The network indicator identifies the message as international with a point code structure that does not match the national point code structure,
- **national:** The network indicator identifies the messages as having a national point code structure.
- **reserved:** Provides an alternate network indicator for national messages.
- **spare:** Provides an alternate network indicator for international messages.

Usage Guidelines

Select the international NI for inclusion in out-going address subservice fields.

Example

ssf *international*

ssn

Selects the subsystem number to be included in the out-going message.

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configure > gtt address-map *map_id* **> out-address** *address_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(config-gtt-addrmap-outaddr-out_address)#
```

Syntax Description

ssn *sub_sys_num*

sub_sys_num

Enter an integer from 1 to 255.

Usage Guidelines

Use subsystem number 44 in the out-going address.

Example

ssn *44*