

# **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
	<pre>configure &gt; gtt address-map map_id &gt; out-address address_name</pre>
	Entering the above command sequence results in the following prompt:
	[local] <i>host_name</i> (config-gtt-addrmap-outaddr- <i>out_address</i> )#
<b>(</b>	
Important	The commands or keywords/variables that are available are dependent on platform type, product version, and installed license(s).
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Important	For information on common commands available in this configuration mode, refer to the Common Commands chapter.
	• gt-address, on page 1
	• gt-format, on page 2
	• ni-indicator, on page 3
	• point-code, on page 3
	• routing-indicator, on page 4
	<ul><li>ssf, on page 5</li><li>ssn, on page 5</li></ul>
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	Configures the SCCP short address.
Product	SGSN
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Privilege Security Administrator, Administrator

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

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	<pre>configure &gt; gtt address-map map_id &gt; out-address address_name</pre>
	Entering the above command sequence results in the following prompt:
	[local] <i>host_name</i> (config-gtt-addrmap-outaddr- <i>out_address</i> )#
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.
Product	SGSN
Privilege	Security Administrator, Administrator
Command Modes	Exec > Global Configuration > GTT Address-Map Configuration > Out-Address Configuration
	<pre>configure &gt; gtt address-map map_id &gt; out-address address_name</pre>
	Entering the above command sequence results in the following prompt:
	[local] <i>host_name</i> (config-gtt-addrmap-outaddr- <i>out_address</i> )#
Syntax Description	gt-format format_num
	format_num
	1: Selects GT-format 1 options which include <b>nature-of-address</b> and <b>odd/even.</b> Once selected, the system enters GT-Format1 configuration mode.
	<b>2</b> : Selects GT-format2 options which include <b>translation-type</b> . Once selected, the system enters GT-Format2 configuration mode.
	<b>3</b> : Selects GT-format3 options which include <b>encoding-scheme</b> , <b>numbering-plan3</b> and <b>translation-type</b> . Once selected, the system enters GT-Format1 configuration mode.
	<b>4</b> : Selects GT-format4 options which include <b>encoding-scheme</b> , <b>nature-of-address</b> , <b>numbering-plan</b> , and <b>translation-type</b> . Once selected, the system enters GT-Format4 configuration mode.

#### Example

gt-format 3

### ni-indicator

	Configures the National and International indicator to use during the GTT process.
Product	- SGSN
Privilege	Security Administrator, Administrator
Command Modes	Exec > Global Configuration > GTT Address-Map Configuration > Out-Address Configuration
	<pre>configure &gt; gtt address-map map_id &gt; out-address address_name</pre>
	Entering the above command sequence results in the following prompt:
	[local] <i>host_name</i> (config-gtt-addrmap-outaddr- <i>out_address</i> )#
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

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### point-code

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

Product	SGSN
Privilege	Security Administrator, Administrator
Command Modes	Exec > Global Configuration > GTT Address-Map Configuration > Out-Address Configuration
	<pre>configure &gt; gtt address-map map_id &gt; out-address address_name</pre>
	Entering the above command sequence results in the following prompt:

[local] <i>host_name</i> (config-gtt-addrmap-outaddr- <i>out_address</i> )#
<pre>point-code pt_code</pre>
pt_code
Enter 1 to 11 digits in the point code format predefined during variant selection of GTT association.
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.

Product	SGSN
Privilege	Security Administrator, Administrator
Command Modes	Exec > Global Configuration > GTT Address-Map Configuration > Out-Address Configuration
	<pre>configure &gt; gtt address-map map_id &gt; out-address address_name</pre>
	Entering the above command sequence results in the following prompt:
	<pre>[local]host_name(config-gtt-addrmap-outaddr-out_address)#</pre>
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. <b>ssf</b> 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.
Product	SGSN
Privilege	Security Administrator, Administrator
Command Modes	Exec > Global Configuration > GTT Address-Map Configuration > Out-Address Configuration
	<pre>configure &gt; gtt address-map map_id &gt; out-address address_name</pre>
	Entering the above command sequence results in the following prompt:
	<pre>[local]host_name(config-gtt-addrmap-outaddr-out_address)#</pre>
Syntax Description	ssf sub_svc_fld
	sub_svc_fld
	Select one of the following options:
	• <b>international:</b> 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
	<b>ssf</b> international
ssn	

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

Product	SGSN
Privilege	Security Administrator, Administrator
Command Modes	Exec > Global Configuration > GTT Address-Map Configuration > Out-Address Configuration
	<pre>configure &gt; gtt address-map map_id &gt; out-address address_name</pre>

ssn
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	Entering the above command sequence results in the following prompt:
	<pre>[local]host_name(config-gtt-addrmap-outaddr-out_address)#</pre>
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