



# Global Title Translation Address-Map Configuration Mode Commands

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The Global Title Translation (GTT) Address Map Configuration is a sub-mode of Global Title Translation Mode. This mode is used to create and configure the GTT database.

## Command Modes

This chapter describes the Global Title Translation Address-Map Configuration Mode

Exec > Global Configuration > GTT Address-Map

**configure** > **global-title-translation** > **address-map instance***instance*

Entering the above command sequence results in the following prompt:

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



## Important

Available commands or keywords/variables vary based on platform type, product version, and installed license(s).

- [associate](#), on page 1
- [description](#), on page 2
- [do](#), on page 3
- [end](#), on page 3
- [exit](#), on page 4
- [gt-address](#), on page 4
- [mode](#), on page 5
- [out-address](#), on page 5

## associate

This command allows the user to configure the gtt-association.

## Product

SGSN

## Privilege

Security Administrator, Administrator

**Command Modes**

Exec > Global Configuration > Global Title Translation Address-Map Configuration

**configure** > **global-title-translation address-map instance** *instance*

Entering the above command sequence results in the following prompt:

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

**Syntax Description**

**[no] associate gtt-association** *instance* **action id** *action\_id*

**no**

Removes the configured gtt-association.

**gtt-association**

This keyword is used to specify the gtt-association to be used.

**instance**

Specifies the gtt-association instance to be used. The instance is an integer value from 1 up to 16.

**action**

This keyword is used to specify the action for the rule. The actions are configured by the **action** command in the GTT Association Configuration Mode. For more information see the *Global Title Translation Association Configuration Mode* chapter.

**id**

This keyword is used to specify the action id. The action id's are associated with specific action types in the GTT Association Configuration Mode. For more information see the *Global Title Translation Association Configuration Mode* chapter.

**action\_id**

The *action\_id* is an integer value from 1 up to 15.

**Usage Guidelines**

This command allows the user to configure the gtt-association. The instance and the action can be configured using this command. The Action Id's are configured using the **action** command under the GTT Association Configuration Mode. For more information see *Global Title Translation Association Configuration Mode* chapter.

**Example**

This command configures gtt-association for **instance 12** and specifies the **action id** as *10*:

```
associate gtt-association 12 action id 10
```

# description

Allows the user to enter a descriptive text for this configuration.

<b>Product</b>	SGSN
<b>Privilege</b>	Security Administrator, Administrator
<b>Command Modes</b>	Exec > Global Configuration > Global Title Translation Address-Map Configuration <b>configure &gt; global-title-translation address-map instance</b> <i>instance</i> Entering the above command sequence results in the following prompt: [local] <i>host_name</i> (config-gtt-addrmap-instance)#

<b>Syntax Description</b>	<b>description</b> <i>text</i> <b>no description</b>  <b>no</b> Clears the description for this configuration.  <b>text</b> Enter descriptive text as a string of 1 up to 127 characters.
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<b>Usage Guidelines</b>	The description should provide useful information about this configuration.
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## do

Spawns an Exec mode command which displays information to the administrator.

<b>Product</b>	All
<b>Privilege</b>	Administrator
<b>Syntax Description</b>	<b>do show</b> <i>show_command_options</i>

### **show show\_command\_options**

Executes an exec mode **show** command and immediately returns back to the current configuration mode.

*show\_command\_options* lists the various show commands available for the administrator.

<b>Usage Guidelines</b>	Use this command to display show command information to the administrator and immediately return back to the current configuration mode.
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## end

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

<b>Product</b>	All
<b>Privilege</b>	Security Administrator, Administrator

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**Syntax Description**    **end**

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**Usage Guidelines**    Use this command to return to the Exec mode.

## exit

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

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**Product**    All

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**Privilege**    Security Administrator, Administrator

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**Syntax Description**    **exit**

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**Usage Guidelines**    Use this command to return to the parent configuration mode.

## gt-address

This command allows the user to configure the SCCP short address.

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**Product**    SGSN

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**Privilege**    Security Administrator, Administrator

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**Command Modes**    Exec > Global Configuration > Global Title Translation Address-Map Configuration  
**configure > global-title-translation address-map instance** *instance*

Entering the above command sequence results in the following prompt:

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

---

**Syntax Description**    **gt-address** *gt\_address*  
**no gt-address**

**no**

Removes the configured SCCP short address.

**gt\_address**

The gt-address is a numerical string of size 1 up to 15. The length of the address should be greater than or equal to the end-digit of the associated action-id.

**Example**

This command configures the gt-address of the SCCP entity as *101011*:

```
gt-address 101011
```

# mode

This command allows the user to configure the mode of operation of SCCP entities.

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**Product**

SGSN

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**Privilege**

Security Administrator, Administrator

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**Command Modes**

Exec > Global Configuration > Global Title Translation Address-Map Configuration

**configure > global-title-translation address-map instance** *instance*

Entering the above command sequence results in the following prompt:

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

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**Syntax Description**

**mode { dominant | loadshare }**

**dominant**

This keyword configures the mode of operation of SCCP entities as dominant. In this mode even if multiple out-addresses are configured the first out-address will be used for handling all the signaling traffic. The next available out-address is chosen for handling all the signaling traffic if any out-address is not available. For example, if the first out-address is not available the second out-address is used for handling all the signaling traffic.

**loadshare**

This keyword configures the mode of operation of SCCP entities as loadshare. In this mode if multiple out-addresses are configured then the load of signaling traffic is shared among all the out-addresses configured. This is also the default mode.

**Example**

This command configures the mode of operation of SCCP entities as dominant:

```
mode dominant
```

# out-address

This command allows the user to configure the outgoing address and outbound parameters of the SCCP entity.

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**Product**

SGSN

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**Privilege**

Security Administrator, Administrator

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**Command Modes**

Exec > Global Configuration > Global Title Translation Address-Map Configuration

**configure > global-title-translation address-map instance** *instance*

Entering the above command sequence results in the following prompt:

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

---

**Syntax Description**    **[no] out-address** *address\_name*

**no**

Removes the configured outgoing address and outbound parameters of the SCCP entity.

***address\_name***

The address name is a string of size 1 up to 63.

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**Usage Guidelines**

This command allows the user to configure the outgoing address of the SCCP entity, the user enters the Out-Address Configuration mode where the outbound parameters for the SCCP entities as part of the gtt-address-map configuration can be configured. For more information see *Out-Address Configuration Mode Commands* chapter in the *Command Line Interface Reference, Commands I - Q* document.

**Example**

This command configures the outgoing address of the SCCP entity as *sccp1*:

```
out-address sccp1
```