User Plane Service Configuration Mode Commands

The User Plane Service Configuration Mode is used to create and manage the User Plane services on this system. The User Plane service acts as SGW-U service or PGW-U service based on Sx session established from Control plane. A single User-Plane-Service can serve SGW-U type sessions and/or PGW-U type sessions. You can also define two or more separate User-Plane-Services for each node type SGW-U and PGW-U respectively.

User-Plane-Service is associated with Sx-Service for Control Plane interface and GTPU-Service for receiving GTPU packets. For this release, each User-Plane-Service is associated with only single Sx-Service to interface with Control plane.

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Important This command is available in this release only for testing purposes. For more information, contact your Cisco Account representative.

Command Modes Exec > Global Configuration > Context Configuration >User Plane Service Configuration

configure > context *context_name* **> user-plane-service** *service_name*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name( config-user-plane-service )#
```

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

associate

Associates or disassociates a user-plane service with GTPU. By default, this CLI command is disabled.

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Important   This command is available in this release only for testing purposes. For more information, contact your Cisco Account representative.

Product   SAEGW

Privilege   Administrator

Command Modes   Exec > Global Configuration > Context Configuration > User Plane Service Configuration

configure > context *context_name* **> user-plane-service** *service_name*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(config-user-plane-service)#
```

Syntax Description   **[no] associate gtpu-service** *service_name* **{ pgw-ingress | sgw-ingress | sgw-egress }**

no

Removes association of GTPU-Service from the User-Plane-Service. For example, the CLI command **no associate gtpu-service pge-ingress removes the association of GTPU-Service with interface type pgw-ingress, with User-Plane-Service.**

gtpu-service

Associates GTPU-Service with User-Plane-Service.

service_name specifies the name for a pre-configured GTPU service to be associated with the User-Plane service.

pgw-ingress

Configures the interface type as PGW ingress.

sgw-ingress

Configures the interface type as SGW ingress.

sgw-egress

Configures the interface type as SGW egress.

Usage Guidelines   Use this command to associate a pre-configured GTPU service the user-plane service.

Example

The following command associates a pre-configured GTPU service called *gtp1*, with pgw-ingress interface to the user-plane service:

```
associate gtpu-service gtp1 pgw-ingress
```

end

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

Product	All
Privilege	Security Administrator, Administrator
Syntax Description	`end`
Usage Guidelines	Use this command to return to the Exec mode.

exit

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

Product

All

Privilege

Security Administrator, Administrator

Syntax Description

`exit`

Usage Guidelines

Use this command to return to the parent configuration mode.

exit