

Control Plane Group Configuration

The Control Plane Group configuration decsribes the configuration under this configuration mode.

Product

UPF

Privilege

Security Administrator, Administrator

Command Modes

Exec > Global Configuration > Control Plane Group configuration

Config > **control-plane-group** *cpgroup_name*

Entering the above command sequence results in the following prompt:

```
[local] host_name(config-control-plane-group)#
```


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peer-node-id

Describes the configuration of peer node id under control plane group.

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Config > **control-plane-group** *cpgroup_name*

Entering the above command sequence results in the following prompt:

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[local] host_name(config-control-plane-group)#
```

Syntax

[no] peer-node-id ipv4-address *ipv4_address* **interface** *interface_name* **advertise-gtpu-addr**

peer-node-id

Specify the peer node Id.

ipv4-address *ipv4_address*

Specify the IPv4 address of the peer node.

interface *interface_name*

Specify the interface name.

advertise-gtpu-addr

Enables GTP-U address advertisement for an N4 peer.

Note

- Changing the properties of an established PFCP association in place is not supported.
- To modify the association properties, the existing association must first be released using the **no peer-node-id ipv4-address** *addr* command.

Usage Guidelines

This configuration gives flexibility to selectively advertise the GTPU addresses to the selected control-plane peer.

If configured, UPF includes the addresses from upf-ingress and sgw-egress GTP-U services associated with the specified user-plane-service, to which a control-plane-group is linked in the PFCP Association Setup Request message.

```
[local]UPlane# config
[local]UPlane(config)# control-plane-group cp1
[local]UPlane(config-control-plane-group)# peer-node-id ipv4-address 192.0.2.250 interface
 n4
advertise-gtpu-addr
[local]UPlane(config-control-plane-group)# peer-node-id ipv4-address 192.0.2.251
advertise-gtpu-addr
```