UPF Ingress Interface

This chapter covers the following topics:

Feature Summary and Revision History

Summary Data

Table 1: Summary Data

Applicable Product(s) or Functional Area	5G-UPF
Applicable Platform(s)	VPC-SI
Feature Default Setting	Disabled – Configuration Required
Related Changes in this Release	Not Applicable
Related Documentation	Not Applicable

Revision History

Table 2: Revision History

Revision Details	Release
First Introduced.	2020.02.0

Feature Description

This release supports the upf-ingress interface, which the UPF requires for user plane service to start. The user plane service must be associated with GTP-U service. This can be achieved using the **associate gtpu-service** CLI command in User Plane Service configuration mode.

> **Note** To enable **upf-ingress** CLI, you need the **require upf** CLI on the UPF. However, to enable the **require upf** CLI, you need the UPF license.

Configuring UPF Ingress Interface Type Support

To associate the GTPU service with the User Plane Service, use the following configuration:

```
configure
   context context_name
      user-plane-service service_name
         [ no ] associate gtpu-service gtpu_service_name upf-ingress
         end
```

NOTES:

- **associate gtpu-service** *gtpu_service_name*: Associates the GTP-U service with the user plane service.

- **upf-ingress**: Configures the interface type as UPF ingress.

Verifying the UPF Ingress Interface Type Feature Configuration

Run the **show user-plane-service all** command to view the output.

```
[local]qvpc-si# show user-plane-service all

Service name                        : user-plane-service
  Service-Id                        : 4
  Context                           : ingress
  Status                            : STARTED
  UPF Ingress GTPU Service          : n3-gtpu-service
  SGW Ingress GTPU Service          : Not defined
  SGW Egress GTPU Service           : Not defined
  Control Plane Tunnel GTPU Service : control_gtpu
  Sx Service                        : sxu
  Control Plane Group               : g1
  Fast-Path service                 : Disabled
```

NOTES:

- Only one of the interface types **pgw-ingress** or **upf-ingress** can be configured in a single user plane service.