



UPF Ingress Interface

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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]qnpc-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.