



## show user-plane-service

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## show user-plane-service statistics drop-counter

The output of the **show user-plane-service statistics drop-counter** command displays the following fields:

Field	Description
<b>Packet Drop Data Statistics:</b>	
<b>NAT packets processing failure:</b>	
NAT on demand handling	The total number of NAT packets failed due to on-demand handling.
IP allocation is in progress	The total number of NAT packets failed due to IP allocation in progress.
ICMP Packet translation	The total number of NAT packets failed due to ICMP packet translations.
<b>FIREWALL packets processing failure:</b>	
Policy not found	The total number of Firewall packets failed due to missing policy.
No Matching GX rule found	The total number of Firewall packets failed due to unmatched Gx rules.
<b>Flow apply action:</b>	
Discard	The total number of packets dropped due to discard action.

Field	Description
Readdress Failure	The total number of packets dropped due to readdress failure.
Packet exceeds the MTU size	The total number of packets dropped due to excess MTU size.
Failure in processing FAR Buffer packets	The total number of packets dropped due to failure in processing the FAR buffer.
FAR Apply Action Drop	The total number of packets dropped due to FAR apply action.
Traffic Steering Failure	The total number of packets dropped due to traffic steering failure.
QER Gate Status Closed	The total number of packets dropped due to QER gate status closure.
Content-filtering Discard Action	The total number of packets dropped due to content-filtering discard action.
IP Header Validation Failed	The total number of packets dropped due to IP header validation failure.
<b>ADF level failure:</b>	
UL TEID/QFI key mismatch	The total number of packets dropped due to UL TEID/QFI key mismatch.
DL TFT mismatch	The total number of packets dropped due to DL TFT mismatch.
DL QFI mismatch	The total number of packets dropped due to DL QFI mismatch.
URL Blacklisting Discard Action	The total number of packets dropped due to URL blacklisting discard action.
DDN buffer overflow drop packets	The total number of packets dropped due to DDN buffer overflow.
APN AMBR Packets Drop	The total number of packets dropped due to APN AMBR.
ITC Packets Drop	The total number of ITC dropped packets.
ACL Drop	The total number of ACL dropped packets.
CC Dropped Packets	The total number of CC dropped packets.
<b>FastPath Misc Drops:</b>	

Field	Description
Overload Protection	The total number of packets dropped due to overload protection.
Invalid Client	The total number of packets dropped due to invalid client.
Stream ID 0	The total number of packets dropped due to 0 stream ID.
Invalid Stream ID	The total number of packets dropped due to invalid stream ID.

## show user-plane-service all

The output of the **show user-plane-service all** command displays the following fields:

Field	Description
Service name	The name of the configured user plane service.
Service ID	The user plane service identifier.
Context	The context in which the service is configured.
Status	The status of the user plane service.
UPF Ingress GTPU Service	Displays the type of UPF Ingress GTPU Service.
UPF Ingress N3 Interface Type GTPU Service	Displays the type of UPF Ingress N3 Interface Type GTPU Service.
UPF Ingress N9 Interface Type GTPU Service	Displays the type of UPF Ingress N9 Interface Type GTPU Service.
UPF Ingress S5U Interface Type GTPU Service	Displays the type of UPF Ingress S5U Interface Type GTPU Service.
UPF Ingress S8U Interface Type GTPU Service	Displays the type of UPF Ingress S8U Interface Type GTPU Service.
UPF Egress GTPU Service	Displays the type of UPF Egress GTPU Service.
SGW Ingress GTPU Service	Displays the type of SGW Ingress GTPU Service.
SGW Egress GTPU Service	Displays the type of SGW Egress GTPU service.
Control Plane Tunnel GTPU Service	Displays the name of control plane tunnel GTPU service.
Sx Service	Displays the type of Sx Service.

Field	Description
Control Plane Group	Displays the type of control plane group.
Fast-Path service	Indicates the status of the fast-path service.

## show user-plane-service statistics all

The output of the **show user-plane-service all** command displays the following fields:

Field	Description
Data Statistics Related To Buffering:	
Packets Buffered	The total number of buffered packets.
Bytes Buffered	The total number of buffered bytes.
Packets Discarded	The total number of discarded packets.
Bytes Discarded	The total number of discarded bytes.
Packets Dropped per FAR (<=9)	The number of times that 9 packets or lesser than 9 packets per FAR are dropped.
Packets Dropped per FAR (10-19)	The number of times that 10 to 19 packets per FAR are dropped.
Packets Dropped per FAR (20-29)	The number of times that 20 to 29 packets per FAR are dropped.
Packets Dropped per FAR (30-39)	The number of times that 30 to 39 packets per FAR are dropped.
Packets Dropped per FAR (40-49)	The number of times that 40 to 49 packets per FAR are dropped.
Packets Dropped per FAR (>=50)	The number of times that 50 packets or greater than 50 packets per FAR are dropped.

## show user-plane-service statistics charging-action [ name | all ]

The output of the **show user-plane-service statistics charging-action [ name | all ]** command displays the following fields:

Field	Description
X-Header Bytes Injected	Indicates the number of X-Header bytes injected.

Field	Description
X-Header Packets Injected	Indicates the number of X-Header packets injected.
X-Header Bytes Removed	Indicates the number of X-Header bytes removed.
X-Header Packets Removed	Indicates the number of X-Header packets removed.

## show user-plane-service statistics rulebase [ name | all ]

The output of the **show user-plane-service statistics rulebase [ name | all ]** command displays the following header enrichment field:

Field	Description
HTTP header buffering limit reached	Indicates when the HTTP buffering limit is reached.

show user-plane-service statistics rulebase [ name | all ]