



ICMPv6 Response for Fragmented Packets

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Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	P-GW
Applicable Platform(s)	<ul style="list-style-type: none">• ASR 5500• VPC-DI• VPC-SI
Feature Default	Enabled - Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	Not Applicable

Revision Details	Release
First Introduced	21.20.7
In this release, P-GW supports Inner Fragmentation with VPP Non-CUPS Deployment.	21.15.x

Feature Changes

Previous Behavior: When an IPv6 packet with IP payload length is more than the data-tunnel-mtu value, ICMPv6 packet too big response is sent and the packet is dropped.

New Behavior: A fragmented IPv6 packet with IP payload length (for all fragments combined) of more than the data-tunnel-mtu value will not be dropped with ICMPv6 packet too big response. The packet is inner fragmented and forwarded with VPP non-CUPS deployment.

Customer Impact: Inner fragmentation is done overriding the **policy ipv6 tunnel mtu exceed notify-sender** under APN configuration.