



# IPv4/IPv6 Address Encoding Change in Flow-Description AVP for APPLICATION-START Event Trigger from P-GW

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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"> <li>• ASR 5500</li> <li>• VPC-DI</li> <li>• VPC-SI</li> </ul>
Feature Default	Enabled-Always on
Related Changes in This Release	Not Applicable
Related Documentation	<i>P-GW Administration Guide</i>

### Revision History

Revision Details	Release
The StarOS 21.20.11 is enhanced with IPv4/IPv6 address encoding change in Flow-Description AVP under Application-Detection-Information AVP for APPLICATION-START event trigger from P-GW.	21.20.11
The StarOS 21.15.52 is enhanced with IPv4/IPv6 address encoding change in Flow-Description AVP under Application-Detection-Information AVP for APPLICATION-START event trigger from P-GW.	21.15.52

## Feature Changes

**Previous Behavior:** In CCR-U for APPLICATION-START event trigger from P-GW, Flow-Description AVP under Application-Detection-Information AVP towards PCRF was encoded as:

- For ipv4 flows a netmask of /0 was used
- For ipv6 flows prefix length of 0 was used

**New Behavior:** In the release 21.15.52, in CCR-U for APPLICATION-START event trigger from P-GW, Flow-Description AVP under Application-Detection-Information AVP towards PCRF is encoded as:

- For ipv4 flows a netmask of /32 is used
- For ipv6 flows prefix length of 128 is used

**Customer Impact:** PCRF receives flow description value with 32/128 netmask/prefix. If PCRF rejects the value, ADC over Gx will not work.