



## New and Changed BNG Features

This table summarizes the new and changed feature information for the *Cisco ASR 9000 Series Aggregation Services Router Broadband Network Gateway Configuration Guide*, and tells you where they are documented.

- [BNG Features Added or Modified in IOS XR Release 7.3.x, on page 1](#)

### BNG Features Added or Modified in IOS XR Release 7.3.x

Feature	Description	Changed in Release	Where Documented
Support for BNG on Cisco ASR 9903 routers	This feature is introduced.	Release 7.3.2	<a href="#">Feature Support on Cisco IOS XR 64-bit BNG</a>
Support for BNG on Satellites hosted on Cisco ASR 9000 5th Generation High Density Ethernet line cards and Cisco ASR 9903 routers	This feature is introduced.	Release 7.3.2	<a href="#">BNG Interoperability</a>
Support for BNG on Cisco ASR 9000 5th Generation High Density Ethernet line cards	This feature is modified to support the following BNG functionalty on Cisco ASR 9000 5th Generation High Density Ethernet line cards: <ul style="list-style-type: none"><li>• PPPoE LAC Subscribers</li><li>• PPPoE keep alive offload</li><li>• BNG Over Headend</li></ul>	Release 7.3.2	<a href="#">Feature Support on Cisco IOS XR 64-bit BNG</a>
Store Accounting Stop Records	This feature is introduced.	Release 7.3.2	<a href="#">Store Accounting Stop Records</a>

Feature	Description	Changed in Release	Where Documented
HHE enhancement for Subscribers	This feature is modified.	Release 7.3.1	<a href="#">HTTP Header Enrichment for BNG Subscribers</a>
Excessive Punt Flow Trap (Feature Deprecated)	This feature is deprecated.	Release 7.3.1	<a href="#">Excessive Punt Flow Trap (Deprecated)</a>
DHCP Session-Limit	This feature is introduced.	Release 7.3.1	<a href="#">DHCP Session-Limit</a>
BNG À la carte Licenses	This feature is introduced.	Release 7.3.1	<a href="#">BNG À la carte Licenses</a>
Support for BNG on Cisco ASR 9000 5th Generation High Density Ethernet line cards	This feature is introduced.	Release 7.3.1	<a href="#">Hardware Support for Cisco IOS XR 64-bit BNG</a>