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 6.4.x

Feature	Description	Changed in Release	Where Documented
Generic DHCPv4 Options to RADIUS VSA Mapping.	This functionality was introduced.	Release 6.4.1	*Establishing Subscriber Sessions* chapter: Send DHCP Options to RADIUS See the *BNG DHCP Commands* chapter in *Cisco ASR 9000 Series Aggregation Services Router Broadband Network Gateway Command Reference*, for information on the commands related to this feature.
DHCP Lease From AAA Server	This feature was introduced.	Release 6.4.1	*Establishing Subscriber Sessions* chapter: DHCP Lease From AAA Server For commands, see the *BNG DHCP Commands* chapter.

Feature	Description	Changed in Release	Where Documented
AAA Authorization on DHCP RENEW or REBIND	This feature was introduced.	Release 6.4.1	*Establishing Subscriber Sessions* chapter: AAA Authorization on DHCP RENEW or REBIND For commands,see the *Subscriber and Session Redundancy Commands* chapter and the *Control Policy Commands* chapter.
DHCPv6 Lease Time for Class Profile	This feature was introduced.	Release 6.4.1	*Establishing Subscriber Sessions* chapter: DHCPv6 Lease Time for Class Profile For commands, see the *BNG DHCP Commands* chapter.
Rich DHCPv6 Option on RADIUS VSA for DHCPv6 Servers	This feature was introduced.	Release 6.4.1	*Establishing Subscriber Sessions* chapter: Rich DHCPv6 Option on RADIUS VSA for DHCPv6 Servers For commands, see the *BNG DHCP Commands* chapter.
DHCP IPv6 Lease from the AAA Server	This feature was introduced.	Release 6.4.1	*Establishing Subscriber Sessions* chapter: DHCP IPv6 Lease from the AAA Server For commands, see the *BNG DHCP Commands* chapter.
DHCPv6 Option 1 and Option 16 to Form Authentication Username	This feature was introduced.	Release 6.4.1	*Establishing Subscriber Sessions* chapter: DHCPv6 Option 1 and Option 16 to Form Authentication Username For commands, see the *BNG AAA Commands* chapter.

Feature	Description	Changed in Release	Where Documented
DHCPv6 Option 16 Filtering	This feature was introduced.	Release 6.4.1	*Establishing Subscriber Sessions* chapter: DHCPv6 Option 16 Filtering For commands, see the *BNG DHCP Commands* chapter.
PPPoE LAC Support for Line Card Subscribers	This feature was introduced.	Release 6.4.2	*Establishing Subscriber Sessions* chapter: Provisioning PPP LAC Session