



Preface

The Cisco IOS XR Software Release 7.3.1 introduces the support for cloud native broadband network gateway (cnBNG) user plane for the Cisco IOS XR platform. cnBNG is an architectural evolution that is based on Control and User Plane Separation (CUPS), where the control plane (CP) and user plane (UP) run in distinct and independent environments. This book describes the cnBNG user plane functionality and related configurations on Cisco ASR 9000 Series Routers.

For details on the commands related to the cnBNG user plane, see the [Cloud Native Broadband Network Gateway User Plane Command Reference for Cisco ASR 9000 Series Routers](#).

For details on cnBNG deployment, the control plane functionality and the related configurations, see the *Cloud Native Broadband Network Gateway Control Plane Configuration Guide*.

To know more about physical BNG on the Cisco IOS XR platform, see the *Cisco ASR 9000 Series Aggregation Services Router Broadband Network Gateway Configuration Guide*.

This preface contains these sections:

- [Changes to This Document, on page i](#)
- [Communications, Services, and Additional Information, on page i](#)

Changes to This Document

Date	Summary
February 2026	Initial release of this document.

Communications, Services, and Additional Information

- To receive timely, relevant information from Cisco, sign up at [Cisco Profile Manager](#).
- To get the business results you're looking for with the technologies that matter, visit [Cisco Services](#).
- To submit a service request, visit [Cisco Support](#).
- To discover and browse secure, validated enterprise-class apps, products, solutions and services, visit [Cisco DevNet](#).
- To obtain general networking, training, and certification titles, visit [Cisco Press](#).

- To find warranty information for a specific product or product family, access [Cisco Warranty Finder](#).

Cisco Bug Search Tool

[Cisco Bug Search Tool \(BST\)](#) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.