

# 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*.

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# Changes to This Document

| Date | Summary |
|---|---|
| September 2026 | Republished for Release 26.3.1. |
| June 2026 | Republished with feature updates for Release 26.2.1. |
| February 2026 | Initial release of this document. |

# Communications, Services, and Additional Information

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