Preface

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Changes to This Document

This table lists the technical changes made to this document since it was first printed.

Date	Summary
January 2022	Republished with documentation updates for Cisco IOS XR Release 7.3.3 features.
November 2021	Republished with documentation updates for Cisco IOS XR Release 7.5.1 features.
October 2021	Republished with documentation updates for Cisco IOS XR Release 7.3.2 features.
February 2021	Republished with documentation updates for Cisco IOS XR Release 7.3.1 features.
August 2019	Republished with documentation updates for Cisco IOS XR Release 7.0.1 features.
April 2019	Republished with documentation updates for Cisco IOS XR Release 6.6.2 features.
December 2018	Republished with documentation updates for Cisco IOS XR Release 6.6.1 features.
July 2018	Republished with documentation updates for Cisco IOS XR Release 6.4.2 and 6.5.1 features.
March 2018	Republished with documentation updates for Cisco IOS XR Release 6.3.2 and 6.4.1 features.

Date	Summary
September 2017	Republished with documentation updates for Cisco IOS XR Release 6.3.1 features.
July 2017	Republished with documentation updates for Cisco IOS XR Release 6.2.2 features.
March 2017	Republished with documentation updates for Cisco IOS XR Release 6.2.1 features.
November 2016	Republished with documentation updates for Cisco IOS XR Release 6.1.2 features.
May 2016	Republished with documentation updates for Cisco IOS XR Release 6.0.1 features.
December 2015	Republished with documentation updates for Cisco IOS XR Release 6.0.0 features.
August 2015	Initial release of this document.

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New and Changed Feature Information

Table 1: New and changed information table for Release 7.3.1

Feature	Introduced in Release
Golden ISO (GISO) Implementation	Release 7.3.1

New and changed information table for Release 7.0.1

Feature	Introduced in Release
Segment Routing	7.0.1
Carrier Supporting Carrier Support for L3VPN	7.0.1
Inter-AS Support for L3VPN	7.0.1
MPLS Traffic Engineering	7.0.1

New and changed information table for Release 6.6.2

Feature	Introduced in Release
M5 Server based Appliance	6.6.2
Support for **bgp bestpath igp-metric ignore** Command	6.6.2

New and changed information table for Release 6.6.1

Feature	Introduced in Release
ACL Based Forwarding for vBNG	6.6.1
Ambiguous VLANs for vBNG	6.6.1
HTTP Redirect Using PBR for vBNG	6.6.1
PPPoE LAC support for vBNG	6.6.1
Segment Routing over IPv6	6.6.1

New and changed information table for Release 6.4.2 and 6.5.1

Feature	Introduced in Release
No new features are introduced	None

New and changed information table for Release 6.4.1

Feature	Introduced in Release
Enhancements to the Cisco IOS XRv 9000 Appliance	6.4.1
L2VPN Virtual Private Wire Service (VPWS)	6.4.1
vBNG PPPoE	6.4.1
Multicast features	6.4.1

New and changed information table for Release 6.3.2

Feature	Introduced in Release
No new features are introduced	None

New and changed information table for Release 6.3.1

Feature	Introduced in Release
Cisco IOS XRv 9000 Router Deployment on AWS	6.3.1
Broadband Network Gateway (BNG)	6.3.1
Generic Routing Encapsulation (GRE) over IPv4	6.3.1
Virtualised Local Mobility Anchor (vLMA)	6.3.1
VRF Support on Docker and LXC Containers	6.3.1

New and changed information table for Release 6.2.2

Feature	Introduced in Release
No new features are introduced	None

New and changed information table for Release 6.2.1

Feature	Introduced in Release
BGP Persistenc	6.2.1
Hot Standby Router Protocol (HSRP)	6.2.1
NSH Proxy Mode	6.2.1
RT Constriant	6.2.1
Virtual Router Redundancy Protocol (VRRP)	6.2.1

New and changed information table for Release 6.1.2.

Feature	Introduced in Release
Application hosting	6.1.2
Appliance	6.1.2
BFD over Logical Bundle	6.1.2
Link Bundle or Link Aggregation Group (LAG)	6.1.2
Multisocket Dataplane	6.1.2

Feature	Introduced in Release
Network Service Header (NSH)	6.1.2

New and changed information table for Release 6.0.1.

Feature	Introduced in Release
BGP Optimal Route Reflector (BGP-ORR)	6.0.1
Two-Way Active Measurement Protocol (TWAMP)	6.0.1
Hierarchical QoS	6.0.1
Multi Socket Scale Out	6.0.1