New and Changed Feature Information

This section lists all the new and changed features for the Programmability Configuration Guide.

- Programmability Features Added or Modified in IOS XR Release 24.x.x, on page 1

Programmability Features Added or Modified in IOS XR Release 24.x.x

Table 1: New and Changed Programmability Features

Feature	Description	Changed in Release	Where Documented
gNSI Accounting Logging	This feature was introduced	Release 24.3.1	gNSI Acctz Logging
TPM Enrollment and Attestation	This feature was introduced	Release 24.3.1	TPM Enrollment and Attestation
SPIFFE ID-Based Authentication and Authorization Services for gRPC Services	This feature was introduced	Release 24.2.11	SPIFFE ID-Based Authentication and Authorization Services for gRPC Services
gNMI Union Replace Operation	This feature was introduced	Release 24.2.11	gNMI Union Replace Operation
gNMI XPath-Based Authorization	This feature was introduced	Release 24.2.11	gNMI XPath-Based Authorization
gNOI Packet Link Qualification	This feature was introduced	Release 24.2.11	gNOI Packet Link Qualification
gNSI Rotate Credentials Update	This feature was introduced	Release 24.2.11	gNSI Credentialz Update

Feature	Description	Changed in Release	Where Documented
NETCONF Version 1.0 with YANG Support	This feature was introduced	Release 24.2.11	NETCONF Version 1.0 with YANG Support
Preprogram Backup LSPs Using Service Layer API	This feature was introduced	Release 24.2.11	Preprogram Backup LSPs Using Service Layer API
Manage certificates using Certz.proto	This feature was introduced	Release 24.1.1	Manage certificates using Certz.proto
Set Limit on Concurrent Streams for gRPC Server	This feature was introduced	Release 24.1.1	Set Limit on Concurrent Streams for gRPC Server
IANA Port Numbers For gRPC Services	This feature was introduced	Release 24.1.1	IANA Port Numbers For gRPC Services
View Inconsistent OpenConfig Configuration	This feature was introduced	Release 24.1.1	View Inconsistent OpenConfig Configuration