New and Changed Feature Information

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

New and Changed Programmability Features

Feature	Description	Changed in Release	Where Documented
GNOI	gRPC Network Operations Interface (gNOI) defines a set of gRPC-based microservices for executing operational commands on network devices. Extensible Manageability Services (EMS) gNOI is the Cisco IOS XR implementation of gNOI. GNOI supports Reboot, RebootStatus, SetPackage, File Get and File Remove RPCs.	Release 7.0.1	*Components to Use Data Models* chapter gRPC Network Operations Interface
Semantic versioning of data models	All data models are stamped with semantic version `1.0.0` as baseline.	Release 7.0.1	YANG Data Model
Support for `oc-lldp` model for Event-driven Telemetry	The OpenConfig- Link Layer Discovery Protocol (oc-lldp) model defined by the OC community defines configuration and operational state data for the LLDP protocol.	Release 7.0.1	*Components to Use Data Models* chapter YANG Data Model Obtain this data model from Github repository.

Feature	Description	Changed in Release	Where Documented
Support for `oc-aft` stats data model	The OpenConfig-Abstract Forwarding Table (oc-aft) model defined by the OC community collects statistics about traffic in a network. The statistics are extracted for: • Event-driven Telemetry (EDT) push mode • MPLS labels • Non-recursive MPLS labels (filter out BGP, VPN labels)	Release 7.0.1	*Components to Use Data Models* chapter YANG Data Model Obtain this data model from Github repository.
Support for `oc-if-aggregate` data model	The OpenConfig-Interfaces Aggregate (oc-if-aggregate) model defined by the OC community manages aggregated (bundle, link aggregation (LAG)) interfaces. This model augments the existing `oc-interfaces` data model.	Release 7.0.1	*Components to Use Data Models* chapter YANG Data Model Obtain this data model from Github repository.