



New and Changed Feature Information

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

- [New and Changed Programmability Features, on page 1](#)

New and Changed Programmability Features

| Feature | Description | Changed in Release | Where Documented |
|--|--|--------------------|--|
| P4Runtime Specification to Manage Packets | Programming Protocol-Independent Packet Processors Runtime (P4RT), a gRPC-based service, can be used to program the data plane elements to send and receive packets between the router and the controller using packet I/O messages. | Release 7.10.1 | P4Runtime |
| Revised OpenConfig Data Models | This releases introduces or enhances OpenConfig data models. | Release 7.10.1 | For the list of models, the revised version and details, see the <i>Release Notes for Cisco 8000 Series Routers, IOS XR Release 7.10.x</i> . |
| Improved YANG Input Validator and Get Requests | This feature was introduced. | Release 7.10.1 | Enhancements to Data Models |

| Feature | Description | Changed in Release | Where Documented |
|--|------------------------------|---------------------------|--|
| Prevent Partial Pseudo-Atomic Committed Configurations | This feature was introduced. | Release 7.10.1 | Drive Network Automation Using Programmable YANG Data Models |