



New and Changed Feature Information

This section lists all the new and changed features for the *Telemetry Configuration Guide for Cisco NCS 5000 Series Routers*.

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

New and Changed Telemetry Features

Feature	Description	Changed in Release	Where Documented
gNMI <code>TARGET_DEFINED</code> subscription mode	Support for gNMI <code>TARGET_DEFINED</code> subscription mode.	Release 7.2.1	gRPC Network Management Interface
Support for streaming telemetry data at leaf-level	The router supports the following sensor-path resolutions: <ul style="list-style-type: none"> • For cadence-driven subscriptions, streaming data occurs at the leaf-level or at the container-level under a gather point • For event-driven subscriptions, streaming data is always at the gather point in the model, even if specific leaves or leaf is configured as sensor-path 	Release 7.2.1	Sensor Path
JSON encoding support for gNMI <code>Subscribe</code> RPC	Cisco IOS XR routers support gNMI remote procedure calls (RPCs). The gNMI <code>Subscribe</code> RPC supports JSON encoding in addition to the previously supported PROTO encoding format.	Release 7.2.1	For gNMI-related information, see the <i>Programmability Configuration Guide</i>
Telemetry - Domain Name (DNS) support	In addition to IP address (IPv4 and IPv6), the destination for dial-out configuration supports fully qualified domain name (FQDN) using domain name services (DNS).	Release 7.2.1	Monitor CPU Utilization Using Telemetry Data to Plan Network Infrastructure

