



New and Changed Feature Information

This section lists all the new and changed features for the *Telemetry Configuration Guide for Cisco NCS 5500 Series Routers*.

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

New and Changed Telemetry Features

Feature	Description	Changed in Release
Stream Telemetry Data for ACL	<p>The Access control List (ACL) is an ordered list of rules used to filter the traffic to increase network performance, and to specify the system resource access permissions either grant or deny to users or systems for security.</p> <p>We have introduced the streaming of ACL statistics to monitor the traffic flow using YANG data and telemetry. It allows you to monitor dropped, matched, and denied packets of IPv4 and IPv6. In earlier releases, you could monitor ACL statistics through CLI.</p> <p>This feature introduces the <code>Cisco-IOS-XR-ipv4-acl-oper.yang</code> and <code>Cisco-IOS-XR-ipv6-acl-oper.yang</code> models to capture IPv4 and IPv6 ACL statistics on Cisco Network Convergence System 5700 Series Routers.</p>	Release 7.8.1

Feature	Description	Changed in Release
Stream Telemetry Data for BGP FlowSpec	<p>Use Border Gateway Protocol (BGP) FlowSpec to mitigate the effects of distributed denial-of-service (DDoS) attack over the network.</p> <p>We have introduced streaming of BGP FlowSpec statistics using YANG data and telemetry. It allows you to monitor traffic flow match, drop in the traffic, or policing at definite rate for IPv4 and IPv6 parameters such as IP address, port, DSCP, and so on. In earlier releases, you could monitor BGP FlowSpec statistics through CLI.</p> <p>This feature introduces the <code>Cisco-IOS-XR-flowspec-oper.yang</code> data models to capture BGP FlowSpec statistics such as matched, dropped, and transmitted packet count on Cisco Network Convergence System 5700 Series Routers.</p>	Release 7.8.1