Overview

Cisco Catalyst 8500 and 8500L Series Edge platforms significantly increases services performance, router throughput, and router scale at lower costs.

This document covers configuration details for the following models:

- Catalyst 8500 Platforms (C8500-12X4QC, C8500-12X and C8500-20X6C)

- Catalyst 8500L Platform (C8500L-8S4X)

Table 1: Catalyst 8500 and 8500L Platforms

Features	C8500-12X4QC	C8500-12X	C8500-20X6C	C8500L-8S4X
Support for In-Service Software Upgrade (ISSU)	Not supported	Not supported	Not supported	Not supported
Data plane processing	QFP 3.0	QFP 3.0	QFP 3.0	Software-based
Support for Unified Threat Defense(UTD)	Not supported	Not supported	Not Supported	Support exists
Support for Fast Reroute(FRR)	Not supported	Not supported	Support exists	Not supported
Dynamic allocation of cores	Not supported	Not supported	Not supported	Not supported

Table 2: Catalyst 84xx Platforms

Features	C8475-G2	C8455-G2
Support for In-Service Software Upgrade (ISSU)	Not supported	Not supported
Data plane processing	QFP 3.0	QFP 3.0

Features	C8475-G2	C8455-G2
Support for Unified Threat Defense(UTD)	Not supported	Not supported
Support for Fast Reroute(FRR)	Not supported	Not supported
Dynamic allocation of cores	Supported	Supported