



Implementing LPTS on Cisco IOS XR Software

Local Packet Transport Services (LPTS) maintains tables describing all packet flows destined for the logical router, making sure that packets are delivered to their intended destinations. LPTS uses two components to accomplish this task: the port arbitrator and flow managers. The port arbitrator and flow managers are processes that maintain the tables that describe packet flows for a logical router, known as the Internal Forwarding Information Base (IFIB). The IFIB is used to route received packets to the correct Route Processor or line card for processing.

LPTS interfaces internally with all applications that receive packets from outside the router. LPTS functions without any need for customer configuration. However, LPTS **show** commands are provided that allow customers to monitor the activity and performance of LPTS flow managers and the port arbitrator.



Note

For a complete description of the LPTS commands in Cisco IOS XR software, refer to the *LPTS Commands on Cisco IOS XR Software* module of the *Cisco IOS XR IP Addresses and Services Command Reference*.
