

# Chapter 1

## Network Interfaces and Class of Service Overview

Routers typically contain several different types of interfaces suited to various functions. For the interfaces on a router to function, you must configure them, specifying properties such as the interface location (that is, which slot the FPC is installed in and which location on the FPC the PIC is installed in), the interface type (such as SONET or ATM), encapsulation, and interface-specific properties.

You can configure JUNOS class-of-service (CoS) properties to provide a variety of classes of service for different applications, including multiple forwarding classes for managing packet transmission, congestion management, and CoS-based forwarding.

