

Overview of Bandwidth-on-Demand Services

The service provider makes bandwidth services available to enterprises. IT managers can use these services to provision bandwidth within an enterprise to meet the forwarding requirements for subscriber traffic. The service provider can make the following types of bandwidth services available:

- Bandwidth-level allocation for an Internet access link

Only one subscription to one bandwidth level is supported for an access link.

- BoD services that classify traffic and assign different classes of traffic to different BoD services

You can classify traffic by source IP address, destination IP address, source Transmission Control Protocol (TCP) or User Datagram Protocol (UDP) port, destination TCP or UDP port, or type-of-service (ToS) byte, and assign that traffic to a service level.



NOTE: Enterprise Manager Portal supports only services that have policies configured.

When both of these services are available, you can provide subscribers with class of service (CoS)—the method of classifying traffic on a packet-by-packet basis with information in the ToS byte to provide different service levels to different traffic.

Whether bandwidth level (a basic BoD service), BoD services, or both are available depends on the configuration for the portal.

