

# Weighted Random Early Detection

WRED (Weighted Random Early Detection) is a congestion avoidance mechanism that makes use of the congestion control mechanism of TCP (Transmission Control Protocol). By selectively dropping packets before periods of congestion, WRED tells TCP senders to reduce their transmission rates.

This chapter provides an overview of WRED, describes WRED configuration tasks, and presents a configuration example.

- [WRED Overview](#)
- [WRED Configuration Tasks](#)
- [WRED Configuration Example](#)