

## load-rebalance

---

**Syntax** [ no ] load-rebalance [ period *rebalancePeriod* start-threshold *rebalanceStartThreshold* [ percent | subscribers ] stop-threshold *rebalanceStopThreshold* [ percent | subscribers ] maximum-improvement *rebalanceMaximumImprovement* [ percent | subscribers ] ]

**Release Information** Command introduced in JUNOS Release 8.1.0.

**Description** Configures the QoS algorithm for rebalancing the links in an 802.3ad link aggregation group (LAG). To configure the algorithm to dynamically rebalance the LAG using existing parameters, issue the **load-rebalance** command without any keywords. The **no** version restores the default parameters.

- Options**
- *rebalancePeriod*—Time period for rebalancing in seconds; in the range 0–86400; the default is 60 seconds
  - *rebalanceStartThreshold*—Amount of imbalance in the LAG that triggers the algorithm to start rebalancing; the default is 0 percent
    - percent—Specifies that the threshold is measured as a percentage of the average load per link; in the range 0–100
    - subscribers—Specifies that the threshold is measured by the number of subscribers away from the average subscriber count per link in the LAG; in the range 0–100000
  - *rebalanceStopThreshold*—Amount of imbalance in the LAG that triggers the algorithm to stop rebalancing; the default is 0 percent
    - percent—Specifies that the amount of imbalance is measured as a percentage of the average load per link; in the range 0–100
    - subscribers—Specifies that the threshold is measured by the number of subscribers away from the average subscriber count link in the LAG; in the range 0–100000
  - *rebalanceMaximumImprovement*—Maximum number of links in the LAG to rebalance; the default is 100 percent
    - percent—Specifies that the maximum number of links is measured as a percentage of the total links; in the range 0–100
    - subscribers—Specifies that the maximum number of links is measured by the number of subscribers; in the range 0–100000

**Mode** Interface Configuration

**Related Topics** ■ Configuring Load Rebalancing for 802.3ad Link Aggregation Groups

---

Published: 2010-04-09