



show link-aggregation

This chapter describes the outputs of the **show link-aggregation** command. These outputs are associated with a specified Link Aggregation Group (LAG).

- [show link-aggregation info, on page 1](#)
- [show link-aggregation lacp info, on page 2](#)
- [show link-aggregation statistics, on page 2](#)
- [show link-aggregation table, on page 3](#)

show link-aggregation info

Table 1: show link-aggregation info Command Output Descriptions

| Field | Description |
|---|--|
| Group info for group number = <value> (LAG group id - <group_id>) | |
| group state | Alphanumeric string indicating the current state of this LAG. |
| number of ports | Number of physical ports in this group. |
| number of masters | Number of master ports in this group. |
| min-link (ASR 5500 only) | Minimum number of links that must be available without causing a LAG switchover. |
| mode | Indicates redundant or non-redundant mode. |
| active master | Hexadecimal identifier/slot-port number of the active master port. |
| sysmac | MAC address assigned by the system to the LAG. |
| sysprio | System priority. |

show link-aggregation lacp info

Table 2: show link-aggregation lacp info Command Output Descriptions

| Field | Description |
|--|--|
| LACP info for group number = <value> (LAG group id - <group_id>) | |
| Rx Counters | Number of LACP frames received from the peer network device. |
| Tx Counters | Number of LACP frames sent to the peer network device. |

show link-aggregation statistics

Table 3: show link-aggregation statistics Command Output Descriptions

| Field | Description |
|----------------------------------|---|
| Counters for LAG group <number>: | |
| Line Card <card_identifier> | |
| Rx Counter | |
| Bytes | Total number of bytes received from the peer network device. |
| Unicast frames | Total number of Unicast frames received from the peer network device. |
| Multicast frames | Total number of Multicast frames received from the peer network device. |
| Broadcast frames | Total number of Broadcast frames received from the peer network device. |
| Data | Count of bytes/frames received. |
| Tx Counter | |
| Bytes | Total number of bytes sent to the peer network device. |
| Unicast frames | Total number of Unicast frames sent to the peer network device. |
| Multicast frames | Total number of Multicast frames sent to the peer network device. |
| Broadcast frames | Total number of Broadcast frames sent to the peer network device. |
| Data | Count of bytes/frames sent. |

show link-aggregation table

Table 4: show link-aggregation table Command Output Descriptions

| Field | Description |
|-----------|---|
| Grp | LAG number. |
| Port | Interface slot/port number of group member. |
| Type | Group type. |
| Admin | Current administrative state – Enabled or Disabled. |
| Oper | Current operational state – Up or Down. |
| Link | Current link state – Up or Down. |
| State | Current LAG state – Active or Standby. |
| Pair | Interface slot/port number of LAG peer port. LAG Port Status: <ul style="list-style-type: none"> • LA+ = Port is actively used for distributing • LA- = Port failed to negotiate LACP • LA~(tilde) = Port negotiated LACP but another peer was selected • LA*(asterisk) = Port is (re)negotiating LACP • LA# = Port has been gone down because the min-link criteria is not met (ASR 5500 only) |
| Redundant | Interface slot/port number of redundant LAG peer port. |

