

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).

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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	Inicates 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 rent 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: • 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.