

# Static Link Aggregation (LAG) Configuration

- The maximum number of LAGs supported is model dependent, see the page: [set interface aggregate-ethernet](#).
- The maximum number of member ports supported in the LAG interface is model dependent, see the page: [set interface gigabit-ethernet ether-options 802.3ad](#).
- Both static and LACP LAGs can support the hashing of traffic using the Src/Dst MAC address, the Src/DstIP address, and Layer 4 port information.
- If all member ports of a LAN are link-down, the LAG will be link-down. The LAG will become link-up when at least one member port is link-up.
- The logical function and configuration of LAGs are same as those of a physical port.

## Configuring Static LAGs

```
admin@XorPlus# set interface aggregate-ethernet ae1
admin@XorPlus# set interface gigabit-ethernet ge-1/1/1 ether-options 802.3ad ae1
admin@XorPlus# set interface gigabit-ethernet ge-1/1/2 ether-options 802.3ad ae1
admin@XorPlus# set interface gigabit-ethernet ge-1/1/3 ether-options 802.3ad ae1
admin@XorPlus# set interface gigabit-ethernet ge-1/1/4 ether-options 802.3ad ae1
admin@XorPlus# commit
Waiting for merging configuration.
Commit OK.
Save done.
admin@XorPlus#
```

## Displaying Static LAG Information

```
admin@XorPlus# run show interface aggregate-ethernet ae1
Physical interface: ae1, Enabled, Physical link is Up
Interface index: 53
Link-level type: Ethernet, MTU: 1514, Speed: Auto, Duplex: Auto
Source filtering: Disabled, Flow control: Enabled, Auto-negotiation: Enabled
Interface flags: Hardware-Down SNMP-Traps Internal: 0x0
Current address: c8:0a:a9:9e:14:9f, Hardware address: c8:0a:a9:9e:14:9f
Traffic statistics:
Input Packets.....176
Output Packets.....16
Input Octets.....12888
Output Octets.....1594
Aggregated link protocol: STATIC
Members Status Port Speed
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ge-1/1/1 Down Auto
ge-1/1/2 Down Auto
ge-1/1/3 Up Auto
ge-1/1/4 Up Auto
```