

## Configuring the Scheduler Hierarchy for Subscriber Load Balancing in 802.3ad Link Aggregation Groups

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The type of load balancing that the system performs depends on the configuration of the scheduler hierarchy in the QoS profile.

To configure the scheduler hierarchy for subscriber load balancing:

1. Configure the QoS profile.

```
host1(config)#qos-profile subscriber-lag
```

2. Configure the queues and nodes for VLANs and S-VLANs.

```
host1(config-qos-profile)#vlan queue traffic-class best-effort
host1(config-qos-profile)#vlan queue traffic-class tc1
host1(config-qos-profile)#vlan node scheduler-profile subscriber
host1(config-qos-profile)#svlan node scheduler-profile svlan
host1(config-qos-profile)#svlan node group g1 scheduler-profile svlan
```

3. Create the LAG interface and assign member interfaces.

```
host1(config)#interface lag lg1
host1(config-if)#member-interface gigabitEthernet 3/0
host1(config-if)#member-interface gigabitEthernet 3/1
```

4. Attach the QoS profile to the LAG interface.

```
host1(config-if)#qos-profile subscriber-lag
```

- Related Topics**
- QoS for 802.3ad Link Aggregation Interfaces Overview
  - Subscriber Load Balancing for 802.3ad Link Aggregation Groups Overview
  - Enabling Default Subscriber Load Balancing for 802.3ad Link Aggregation Groups
  - interface lag
  - member-interface
  - node
  - qos-profile
  - queue

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