

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

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 command
 - member-interface command
 - node command
 - qos-profile command
 - queue command

