

## **Cisco - sample QoS configuration**

The following is a generic example of a Cisco QoS configuration. The actual configuration will vary depending on hardware and software that is being used.

### **Quality of Service**

#### **Cisco Router - A general LLQ configuration:**

```
class-map match-any voice    << creates class map called 'voice'
  match ip dscp 46          << defines dscp for the class map - 46 is the current Cisco default

class-map match-any signaling  << creates class map called 'signaling'
  match ip dscp 24          << defines dscp for the class map - 24 is the current Cisco default

policy-map voip    << creates policy map called 'voip'
  class voice
    priority xxx    << xxx is in Kbps, value depends on the audio codec
  class signaling
    bandwidth xx    << xx is in Kbps, value depends on the design
    random detect
  class class-default    << default class for non-VoIP traffic
    fair-queue
    random-detect dscp-based

interface Serial 0/0
  service-policy output voip    << applies policy map to interface
```