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## Introduction

This is an example for inbound QoS policy to mark incoming packets

## Design

===LAN===>===router---internet

## Configuration

```
ip access-list extended VoIP-RTCP
```

```
permit udp any any range 16384 32767
```

```
! ip access-list extended Voice-Control
```

```
permit tcp any any eq 1720
permit tcp any any range 11000 11999
permit udp any any eq 2427
permit tcp any any eq 2428
permit tcp any any range 2000 2002
permit udp any any eq 1719
permit udp any any eq 5060
```

```
! class-map match-any real-time
```

```
match protocol rtp
match protocol icmp
match access-group name VoIP-RTCP
```

```
class-map match-any mission-critical
```

```
match protocol sqlnet
match access-group name Voice-Control
```

```
class-map match-all interactive
```

```
match protocol citrix
```

```
class-map match-all bulk
```

```
match protocol ftp
```

## Inbound\_QoS\_policy

```
class-map match-any scavenger
```

```
  match protocol kazaa2  
  match protocol napster
```

```
! policy-map mark-nbar
```

```
  class real-time  
    set dscp ef  
  class mission-critical  
    set dscp af31  
  class interactive  
    set dscp af21  
  class bulk  
    set dscp af11  
  class scavenger  
    set dscp cs1  
  class class-default  
    set dscp default
```

```
! interface fastethernet0/1
```

```
  service-policy input mark-nbar
```

## Related show Commands

```
show policy-map interface fastethernet0/1
```

## Related Information

[http://www.cisco.com/en/US/docs/ios/qos/configuration/guide/nbar\\_mqc\\_ps6350\\_TSD\\_Products\\_Configuration\\_Guide\\_C](http://www.cisco.com/en/US/docs/ios/qos/configuration/guide/nbar_mqc_ps6350_TSD_Products_Configuration_Guide_C)