



**Step 1: Configure NBAR2 (Business-Relevance and Traffic-Class) Class-Maps**

```

class-map match-all VOICE
  match protocol attribute traffic-class voip-telephony
  match protocol attribute business-relevance business-relevant
class-map match-all BROADCAST-VIDEO
  match protocol attribute traffic-class broadcast-video
  match protocol attribute business-relevance business-relevant
class-map match-all INTERACTIVE-VIDEO
  match protocol attribute traffic-class real-time-interactive
  match protocol attribute business-relevance business-relevant
class-map match-all MULTIMEDIA-CONFERENCING
  match protocol attribute traffic-class multimedia-conferencing
  match protocol attribute business-relevance business-relevant
class-map match-all MULTIMEDIA-STREAMING
  match protocol attribute traffic-class multimedia-streaming
  match protocol attribute business-relevance business-relevant
class-map match-all SIGNALING
  match protocol attribute traffic-class signaling
  match protocol attribute business-relevance business-relevant
class-map match-all NETWORK-CONTROL
  match protocol attribute traffic-class network-control
  match protocol attribute business-relevance business-relevant
class-map match-all NETWORK-MANAGEMENT
  match protocol attribute traffic-class ops-admin-mgmt
  match protocol attribute business-relevance business-relevant
class-map match-all TRANSACTIONAL-DATA
  match protocol attribute traffic-class transactional-data
  match protocol attribute business-relevance business-relevant
class-map match-all BULK-DATA
  match protocol attribute traffic-class bulk-data
  match protocol attribute business-relevance business-relevant
class-map match-all SCAVENGER
  match protocol attribute business-relevance business-irrelevant

```

**Step 2: Configure Marking Policy-Map**

```

policy-map MARKING
class VOICE
  set dscp ef
class BROADCAST-VIDEO
  set dscp cs5
class INTERACTIVE-VIDEO
  set dscp cs4
class MULTIMEDIA-CONFERENCING
  set dscp af41
class MULTIMEDIA-STREAMING
  set dscp af31
class SIGNALING
  set dscp cs3
class NETWORK-CONTROL
  set dscp cs6
class NETWORK-MANAGEMENT
  set dscp cs2
class TRANSACTIONAL-DATA
  set dscp af21
class BULK-DATA
  set dscp af11
class SCAVENGER
  set dscp cs1
class class-default
  set dscp default

```

**Step 3: Attach the Policy-Map to the Interface(s)**  
**service-policy input MARKING**

Note: Highlighted commands are interface specific; otherwise these are global.