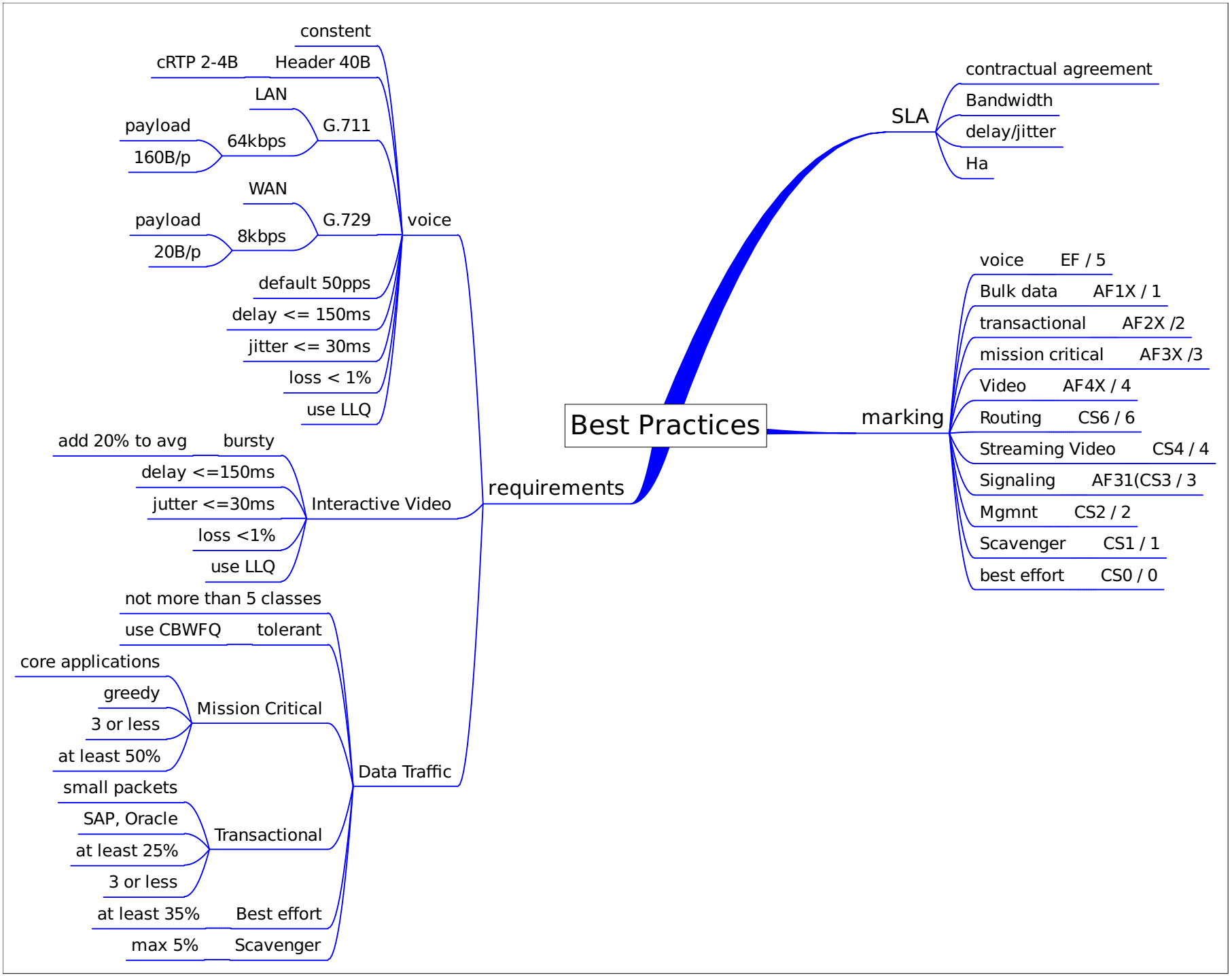
Best Practices
requirements
voice
constent
cRTP 2-4B
Header 40B
G.711
LAN
64kbps
payload
160B/p
G.729
WAN
8kbps
payload
20B/p
default 50pps
delay <= 150ms
jitter <= 30ms
loss < 1%
use LLQ
Interactive Video
bursty
add 20% to avg
delay <=150ms
jutter <=30ms
loss <1%
use LLQ
Data Traffic
tolerant
not more than 5 classes
use CBWFQ
Mission Critical
core applications
greedy
3 or less
at least 50%
Transactional
small packets
SAP, Oracle
at least 25%
3 or less
Best effort
at least 35%
Scavenger
max 5%
SLA
contractual agreement
Bandwidth
delay/jitter
Ha
marking
voice EF / 5
Bulk data AF1X / 1
transactional AF2X /2
mission critical AF3X /3
Video AF4X / 4
Routing CS6 / 6
Streaming Video CS4 / 4
Signaling AF31(CS3 / 3
Mgmnt CS2 / 2
Scavenger CS1 / 1
best effort CS0 / 0