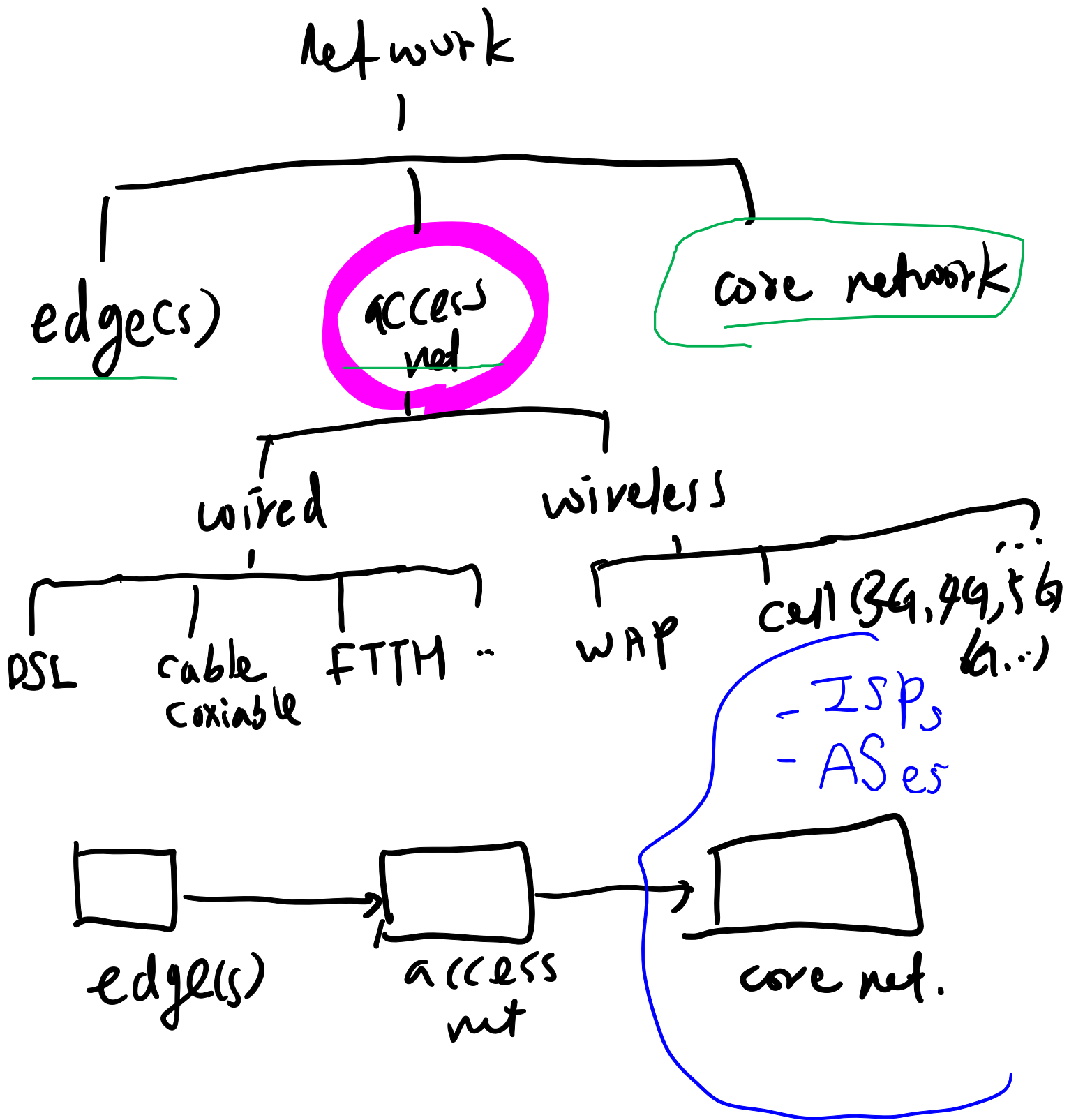


Lecture 1 - Chap 1



$$PTD = \frac{L_1}{R_1} = \frac{10 \text{ bits}}{10 \text{ bits/sec}} = 1 \text{ sec}$$

$$PTD = \frac{L_2}{R_2} = \frac{10 \text{ bits}}{1 \times 10^6 \text{ bits/sec}} =$$

$$1 \text{ Mbps} \Rightarrow 1 \text{ Mbits/sec}$$

$$\Rightarrow 1 \times 10^6 \text{ bits/sec}$$

$$10^{-5} \text{ sec.}$$

$$= 10 \text{ microsecond.}$$