***Abstract*—ł network slicingNFVSDNłł5G network slicingł ł123**

I. Introduction

5Gł 5Gł3GPPł 5Gł4G We need to allocated three types of resources. they are network, compute and storage. I need to read sdran network . and do some model building work.

ł We assume total bandwidth in the network is BHz. According to Shannon capacity formula,

motivation In article [], the virtual RAN was proposed to abstract the network resources.

main contribution

II. System Model

The 5G network include several elements as infrastructure. It includes base stations, mobile edge computing servers, core network and cloud. For the 5G communication, these kinds of resources should be considered. ł

III. Resource Allocation and HARQ Optimization for URLLC Traffic in 5G Wireless Networks

C classes SINR, a Poisson process with rate λ_c packets/sec. Arrival rates $\lambda := (\lambda_1, \lambda_2, ..., \lambda_C)$. Let $SINR_c$ denote the SINR of a class c user's packets.

A class c user requires r_c channel. The transmission success probability is at least $1 - \delta$. A URLLC packet of class c is allocated a bandwidth of h_c for a period of time s_c.

$\kappa s_c h_c = r_c$

where κ is a constant which denotes the number of channel uses per unit time per bandwidth of the OFDMA time-frequency plane.