

Network Slicing (NS)

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Important technology in 5G

Operator can create multiple networks on the same physical network infrastructure

Each network slice is:

Unique, logical, virtualized, and isolated end-to-end network

Tailored to fulfil the requirements of a particular application, i.e. (connectivity, speed, and capacity, suitable for that application)

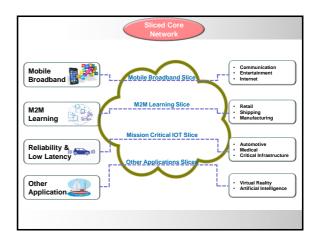
Each network slice:

Supports innovative services with vastly different requirements, e.g.

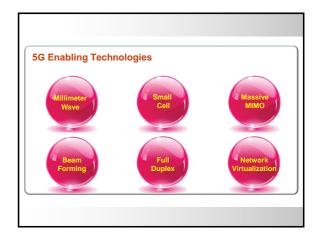
Connected vehicles (Require different throughput, latency, and reliability)

Noice calls (Require different throughput, latency, and reliability)

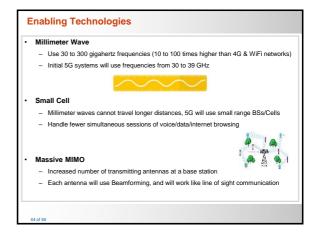
M2M Sessions ((Require different throughput, latency, and reliability)

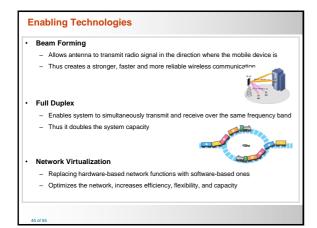


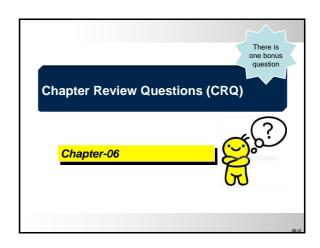
5G Enabling Technologies











Multiple Access Technology used in 4G Wireless network is: A. High Speed Packet Data Access (HSPDA) B. Orthogonal Frequency Division Multiple Access (OFDMA) C. Wavelength Division Multiple Access WDMA) D. Code and Time Division Multiple Access (CDMA)

Q2	
•	One of the features of the 4G Mobile Communication is:
	A. It is only for a high quality voice communication
	B. It provides two way security
	C. It uses Frequency Division Multiple Access
	D. It uses Mobile Switching Centers (MSCs) for routing the calls.

