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FACULTY OF ENGINEERING & TECHNOLOGY

DCS-503 Computer Networks

Lecturer-16

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Computer Science & Engineering

OUTLINE

- RFID EPC Gen 2 Architecture
- EPC GEN 2 PHYSICAL LAYER
- EPC GEN 2 TAG IDENTIFICATION LAYER
- TAG IDENTIFICATION MESSAGE FORMATS
- DATA LINK LAYER SWITCHING

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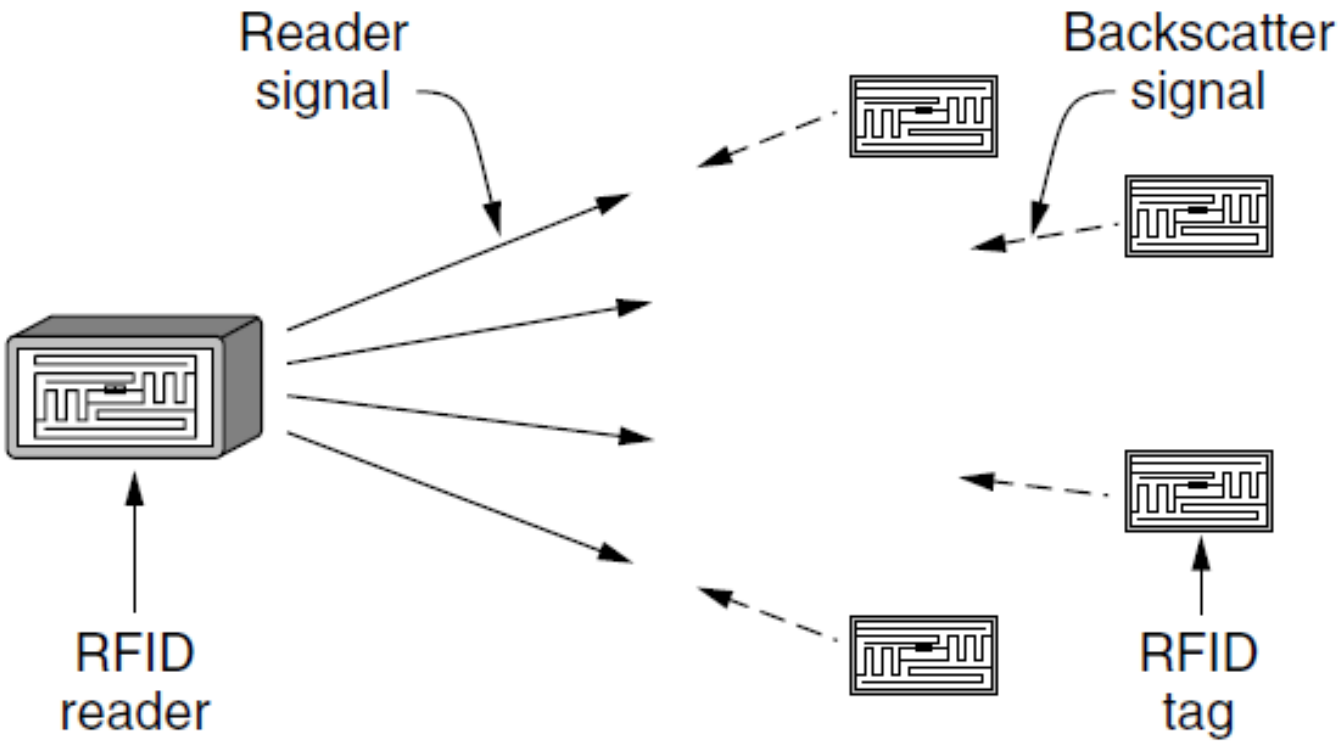
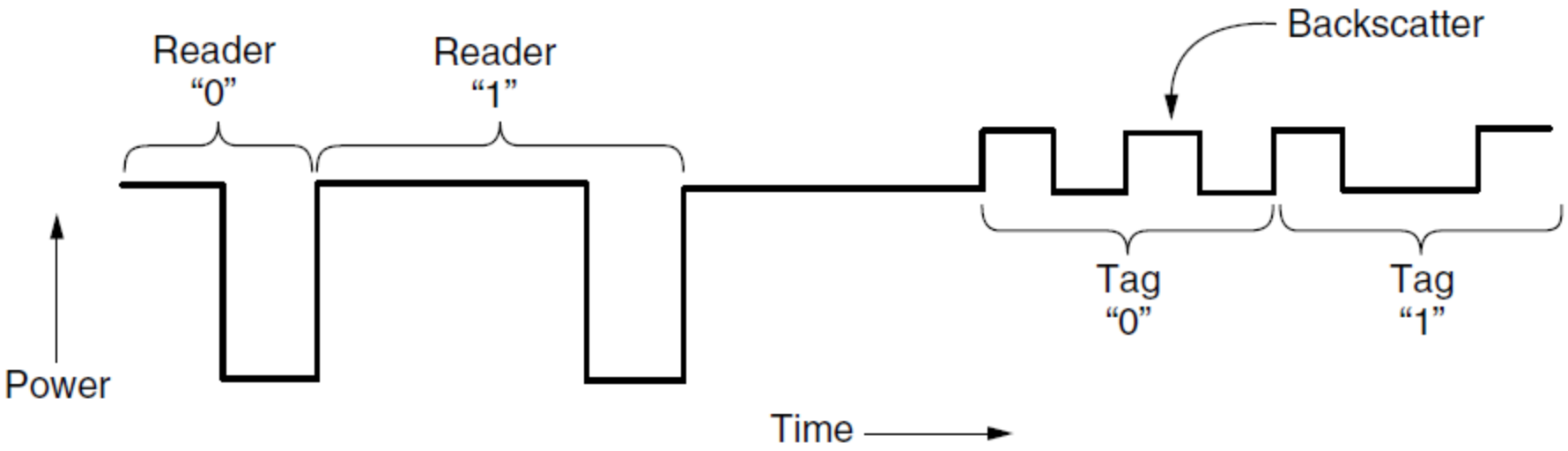
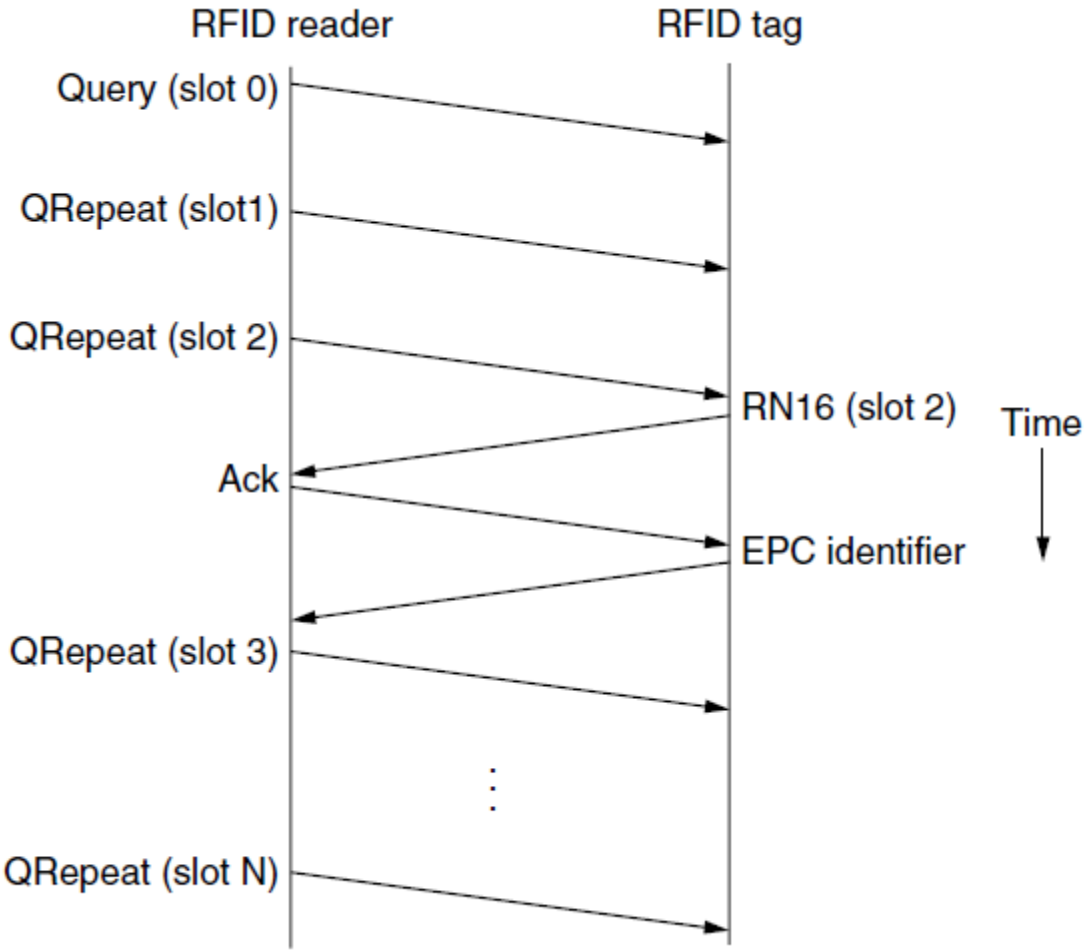
RFID EPC Gen 2 Architecture



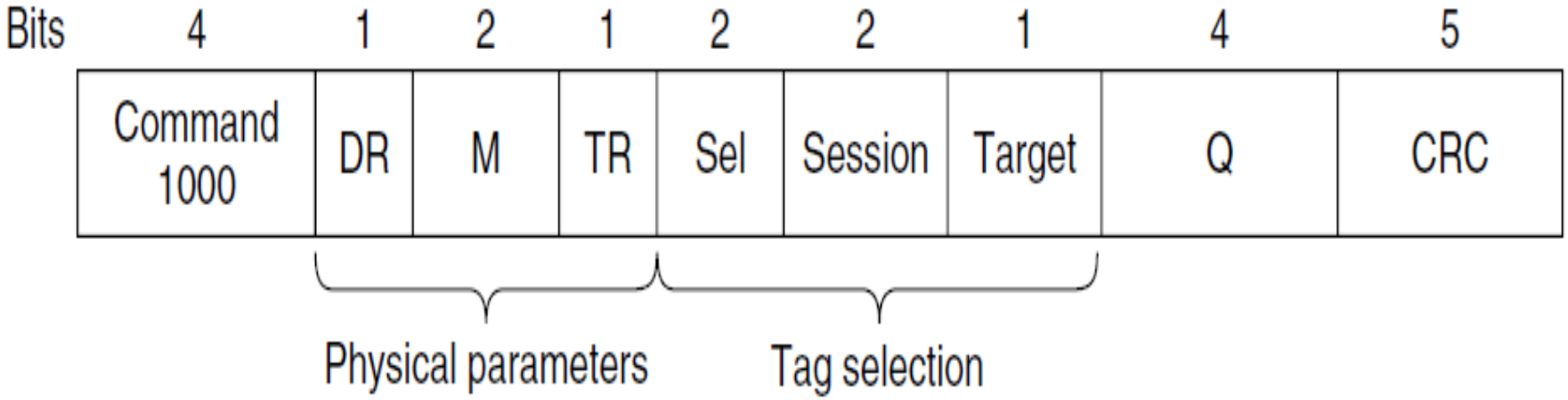
Reader and tag backscatter signals



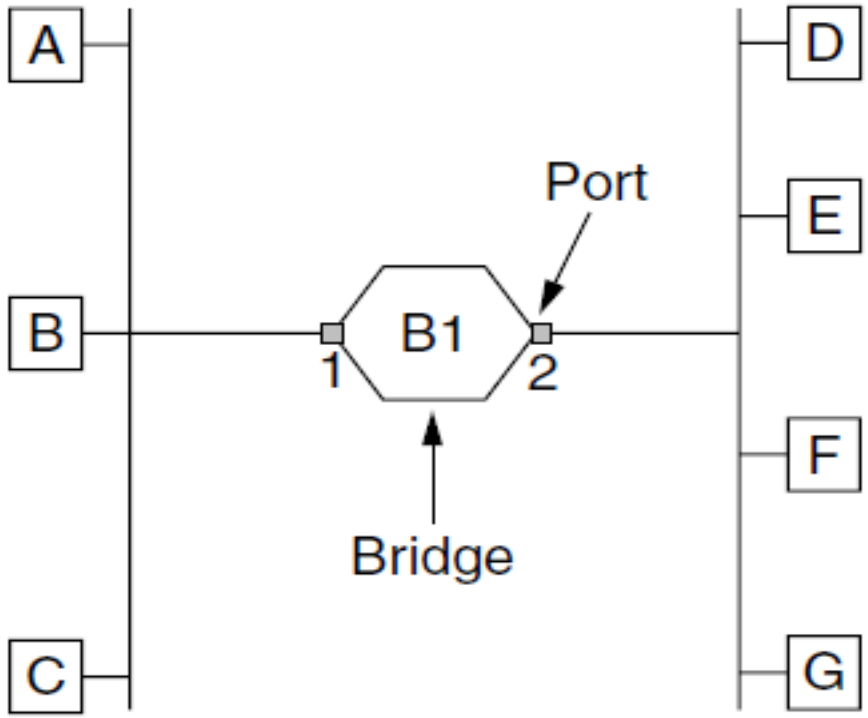
EPC GEN 2 TAG IDENTIFICATION LAYER



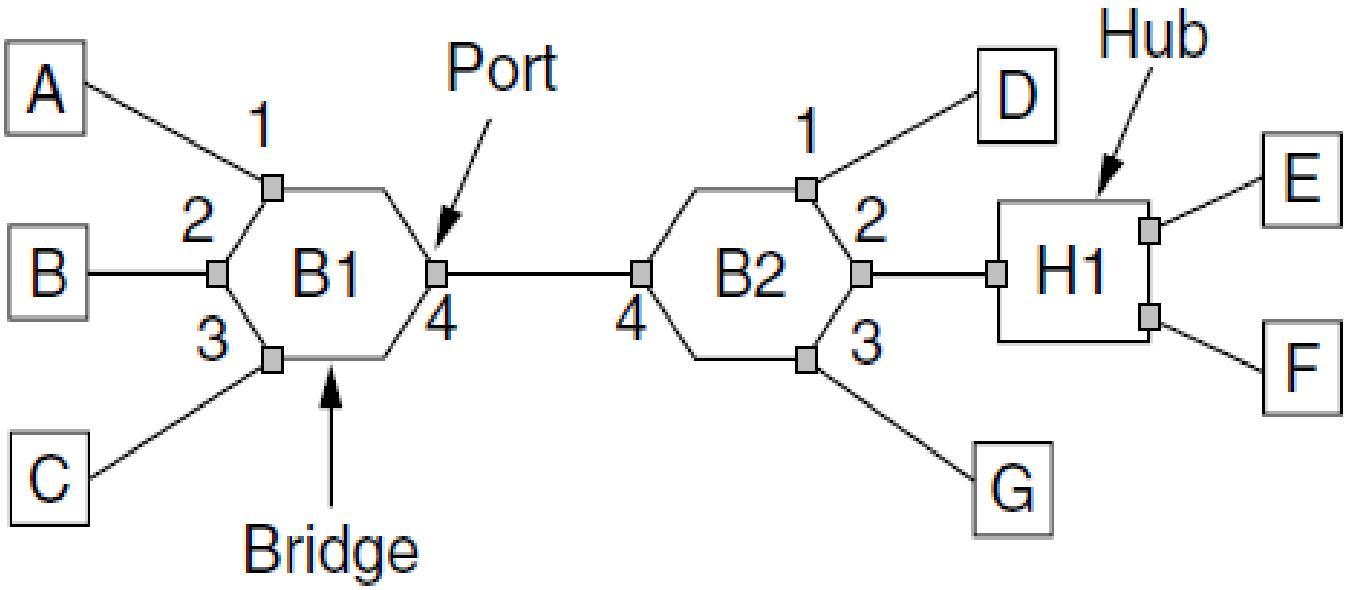
TAG IDENTIFICATION MESSAGE FORMATS



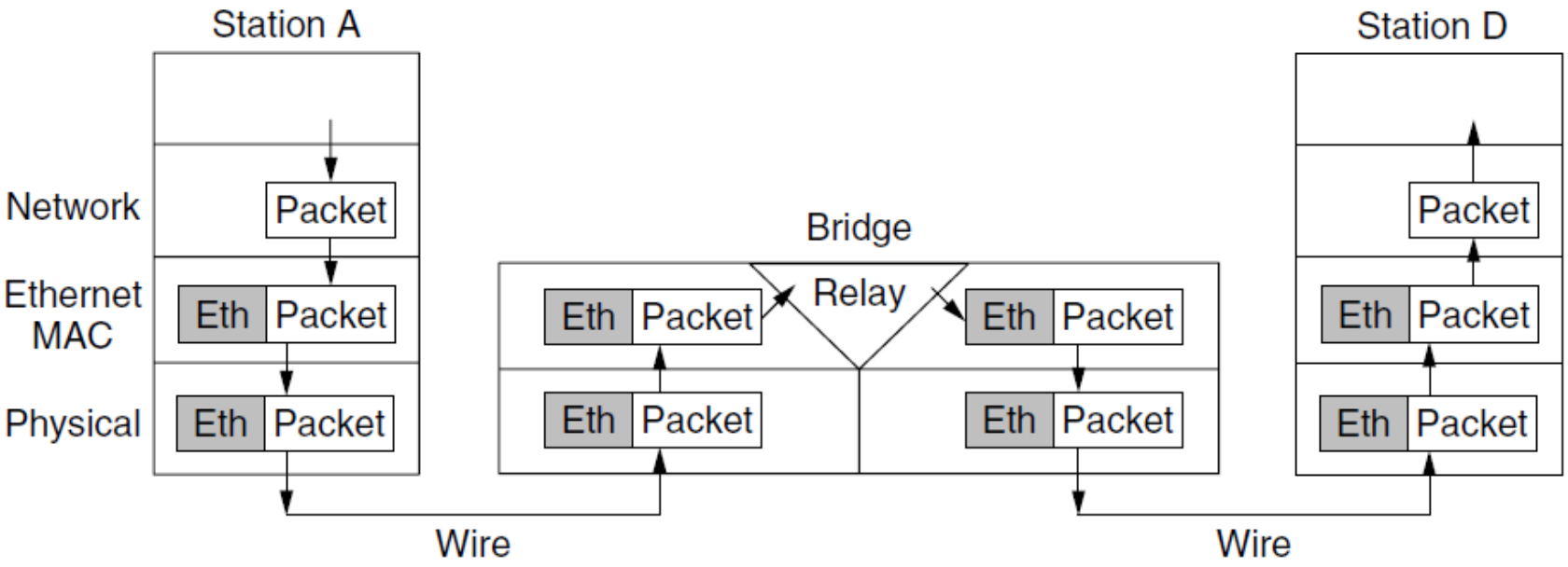
Learning Bridges Bridge connecting two multidrop LANs



Learning Bridges Bridges (and a hub) connecting seven point-to-point stations



Protocol processing at a bridge



Multiple Choice Question

MUTIPLE CHOICE QUESTIONS:

Sr no	Question	Option A	Option B	OptionC	OptionD
1	The combination of _____ and _____ is often termed the local address of the local portion of the IP address.	Network number and host number	Network number and subnet number	Subnet number and host number	Host number
2	Which of the following are Gigabit Ethernets?	1000 BASE-SX	1000 BASE-LX	1000 BASE-CX	All of the mentioned
3	_____ is a collective term for a number of Ethernet Standards that carry traffic at the nominal rate of 1000 Mbit/s against the original Ethernet speed of 10 Mbit/s.	Ethernet	Fast Ethernet	Gigabit Ethernet	Gigabyte Ethernet
4	_____ is another kind of fiber optic network with an active star for switching.	S/NET	SW/NET	NET/SW	FS/NET
5	A local telephone network is an example of a _____ network.	Packet switched	Circuit switched	Bit switched	Line switched

REFERENCES

- http://www.engppt.com/2009/12/networking-fourozan-ppt-slides.html