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FACULTY OF ENGINEERING & TECHNOLOGY

BCA-302Computer Networks

Lecture-18

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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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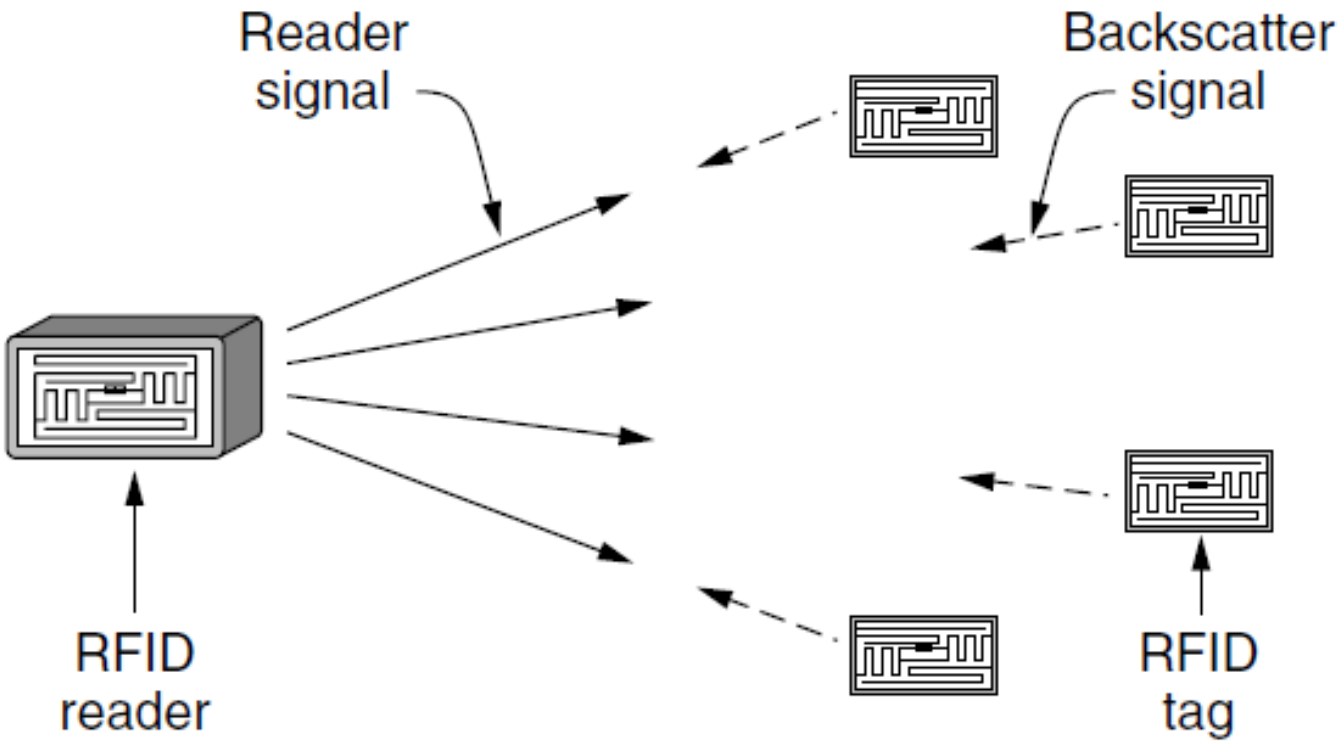
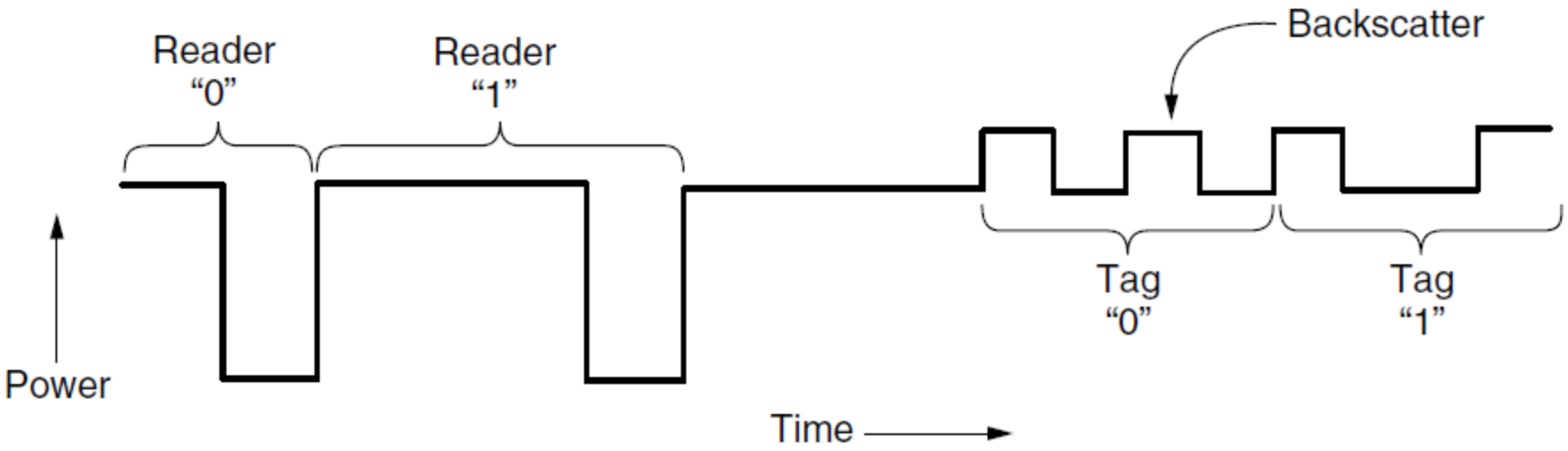
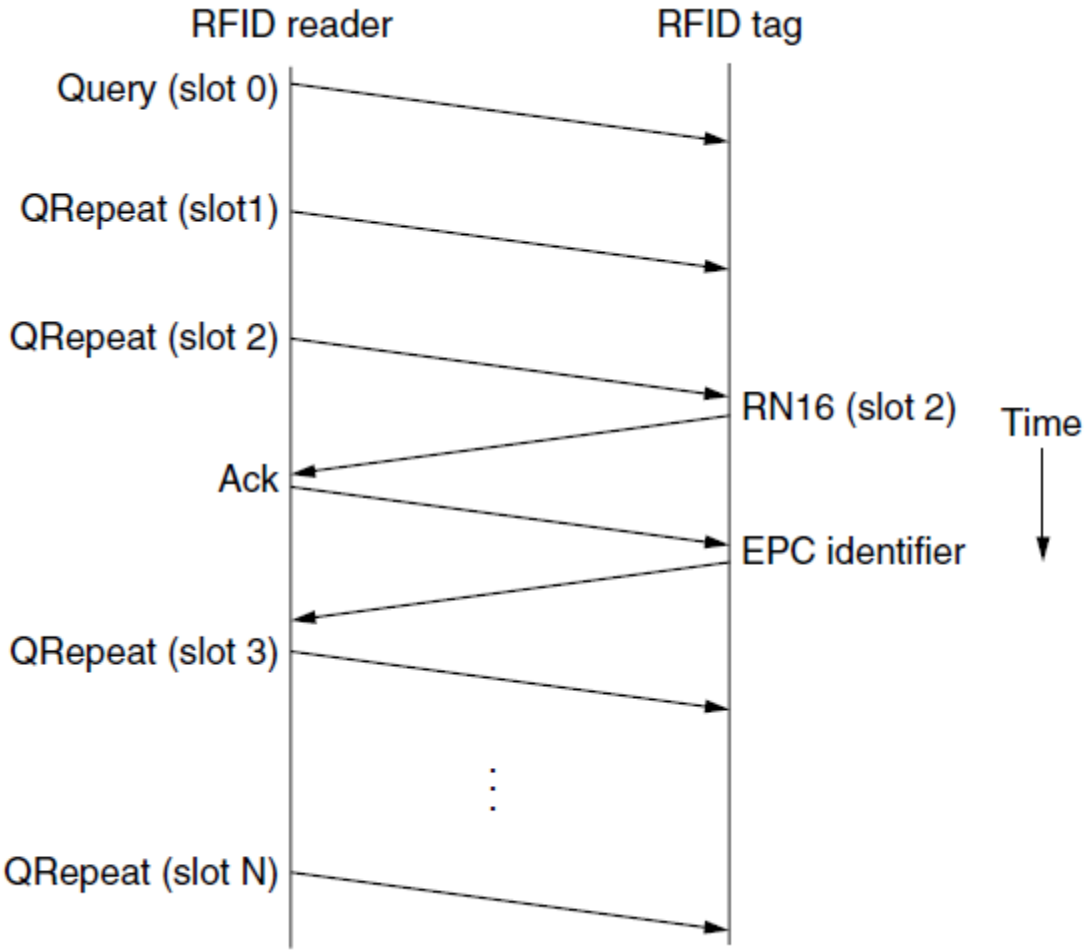
RFID EPC Gen 2 Architecture



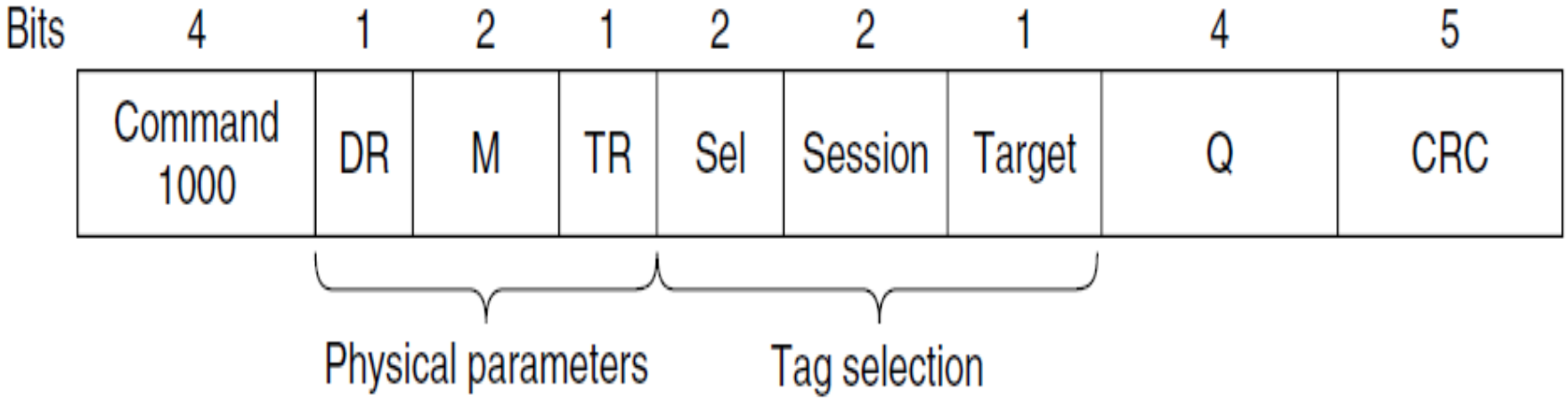
Reader and tag backscatter signals



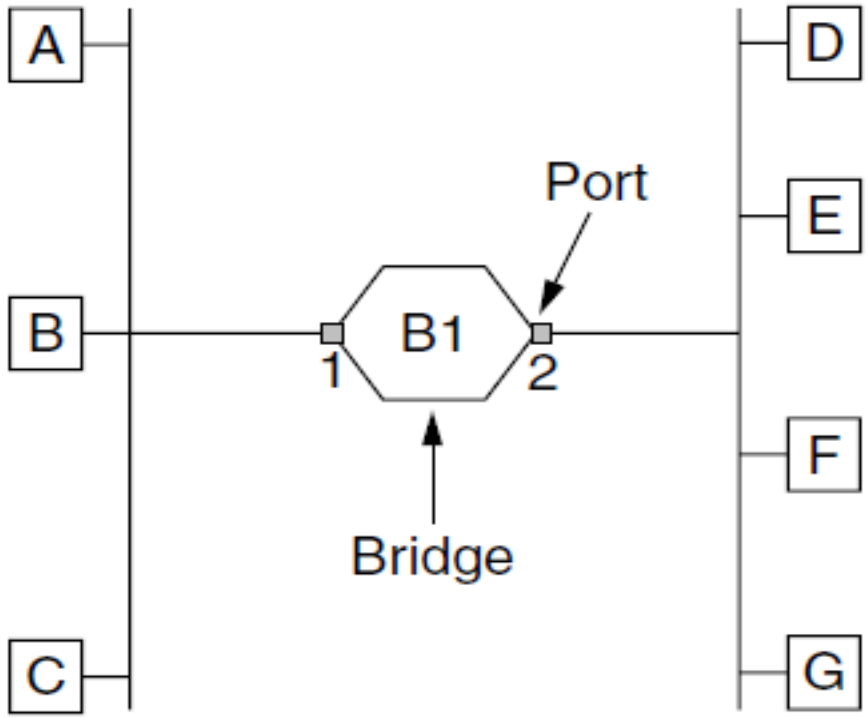
EPC GEN 2 TAG IDENTIFICATION LAYER



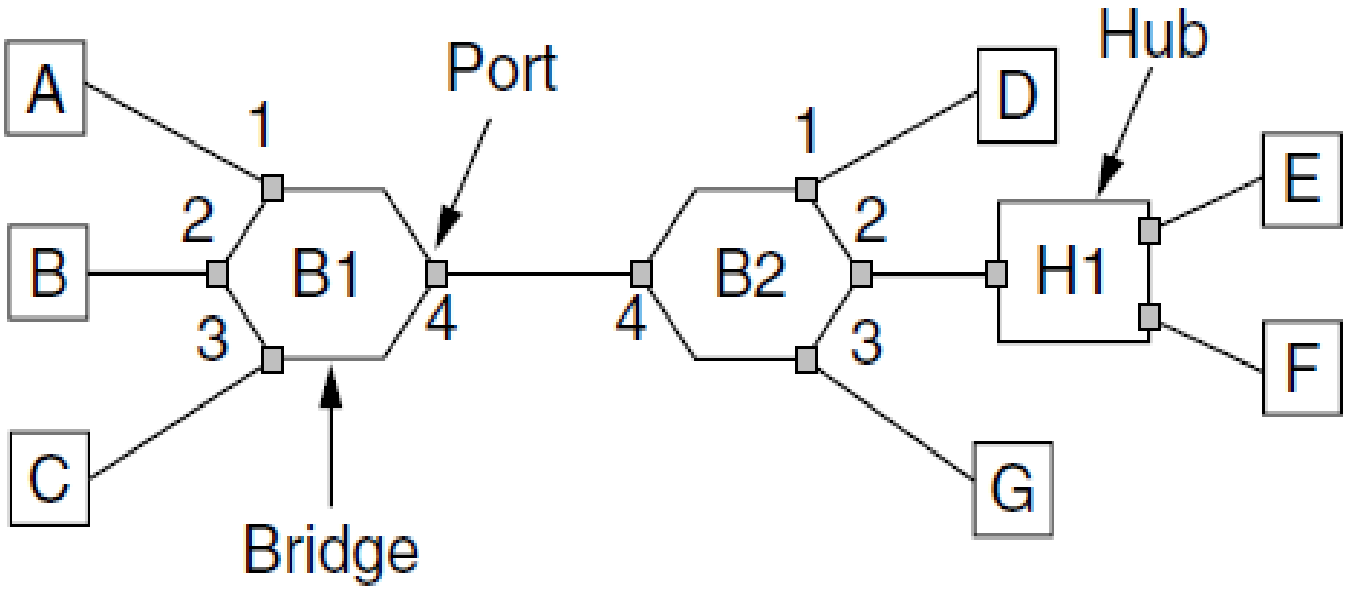
TAG IDENTIFICATION MESSAGE FORMATS



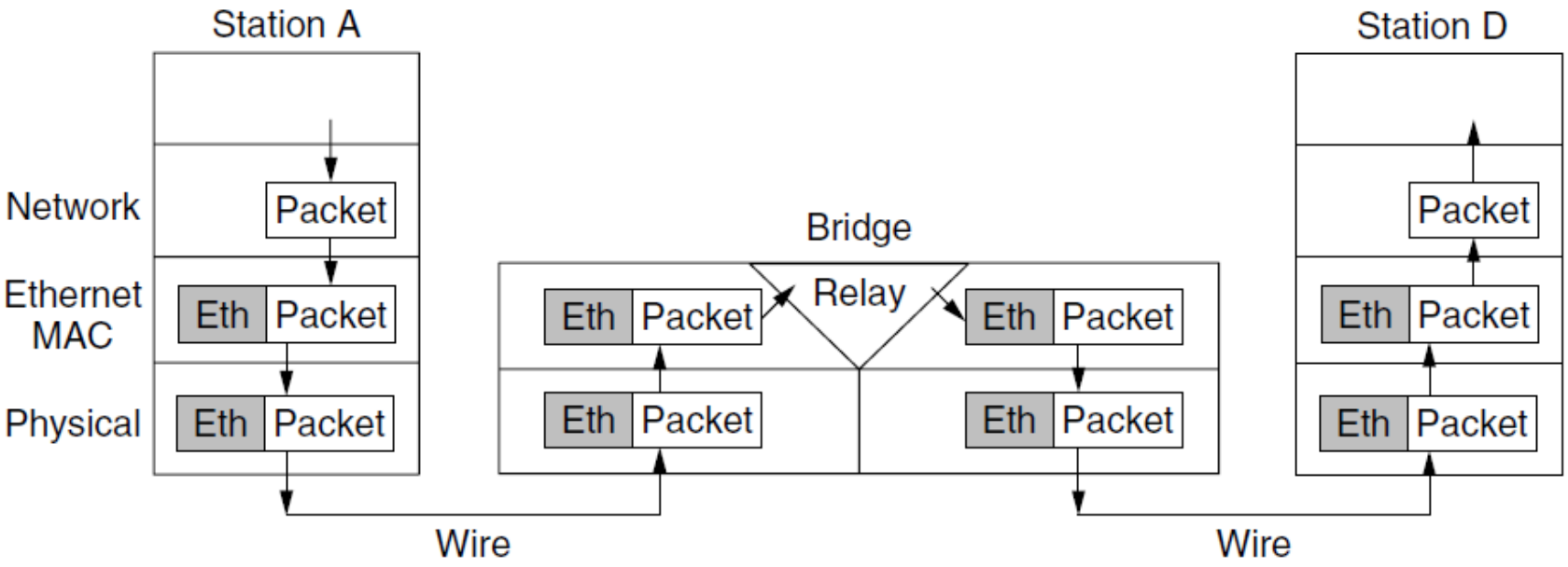
Learning Bridges Bridge connecting two multidrop LANs



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	Which one of the following is an architecture paradigms?	Peer to peer	Client-server	HTTP	Both Peer-to-Peer & Client-Server
2	Application developer has permission to decide the following on transport layer side	Transport layer protocol	Maximum buffer size	Both Transport layer protocol and Maximum buffer size	None of the mentioned
3	Application layer offers _____ service.	End to end	Process to process	Both End to end and Process to process	None of the mentioned
4	E-mail is _____	Loss-tolerant application	Bandwidth-sensitive application	Elastic application	None of the mentioned
5	Pick the odd one out.	File transfer	File download	E-mail	Interactive games

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REFERENCES

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