



GALGOT
UNIVERS

**School of Computing
Science and Engineering**

Program: B.Tech.

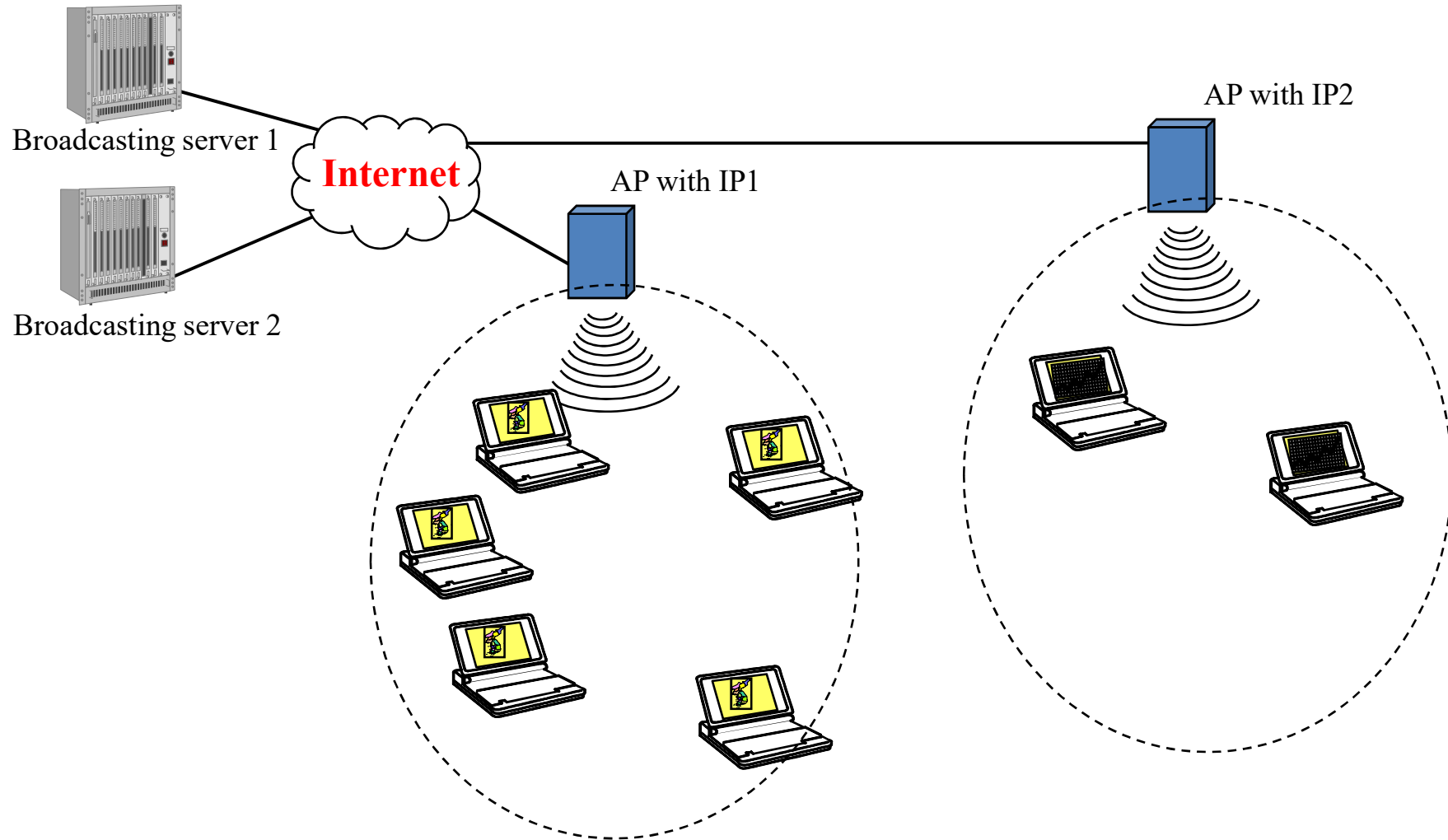
Course Code: CSCN 4024

Course Name: Wireless and Mobile
Security

Basic Limitations of Internet Services

- Necessity of unique IP address
 - Lack of IP addresses to be assigned
 - Difficulty of managing IP addresses, especially for mobile unit
- Client-server model : server access & request
 - Necessity of pre-knowledge of web site address
 - Every time click is needed to request information.
 - So much load to server as increasing number of users

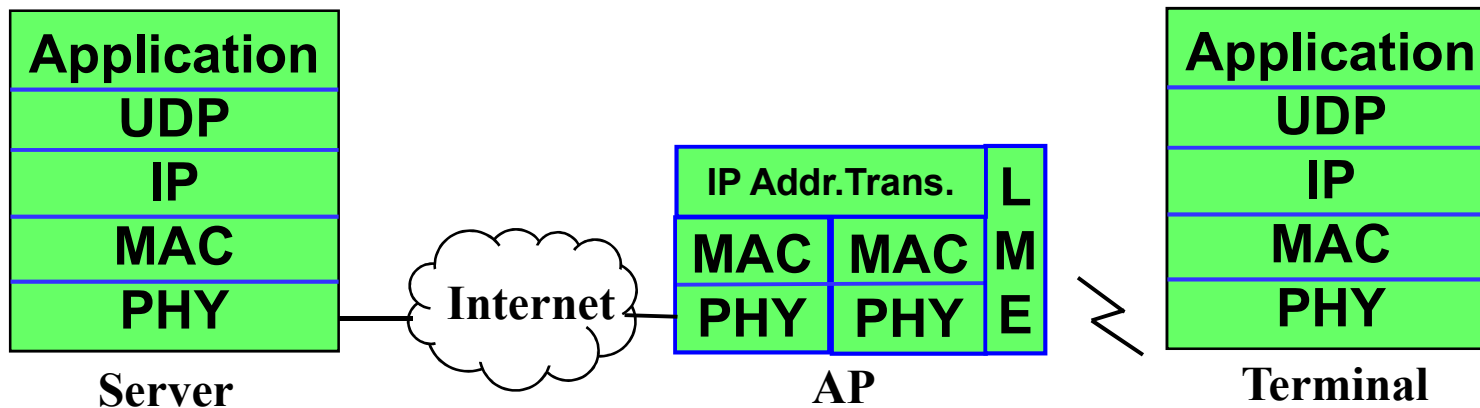
Network Configuration for IP Broadcasting



Datagram Format & Protocol Stack



Internet Datagram Format



Protocol Stack

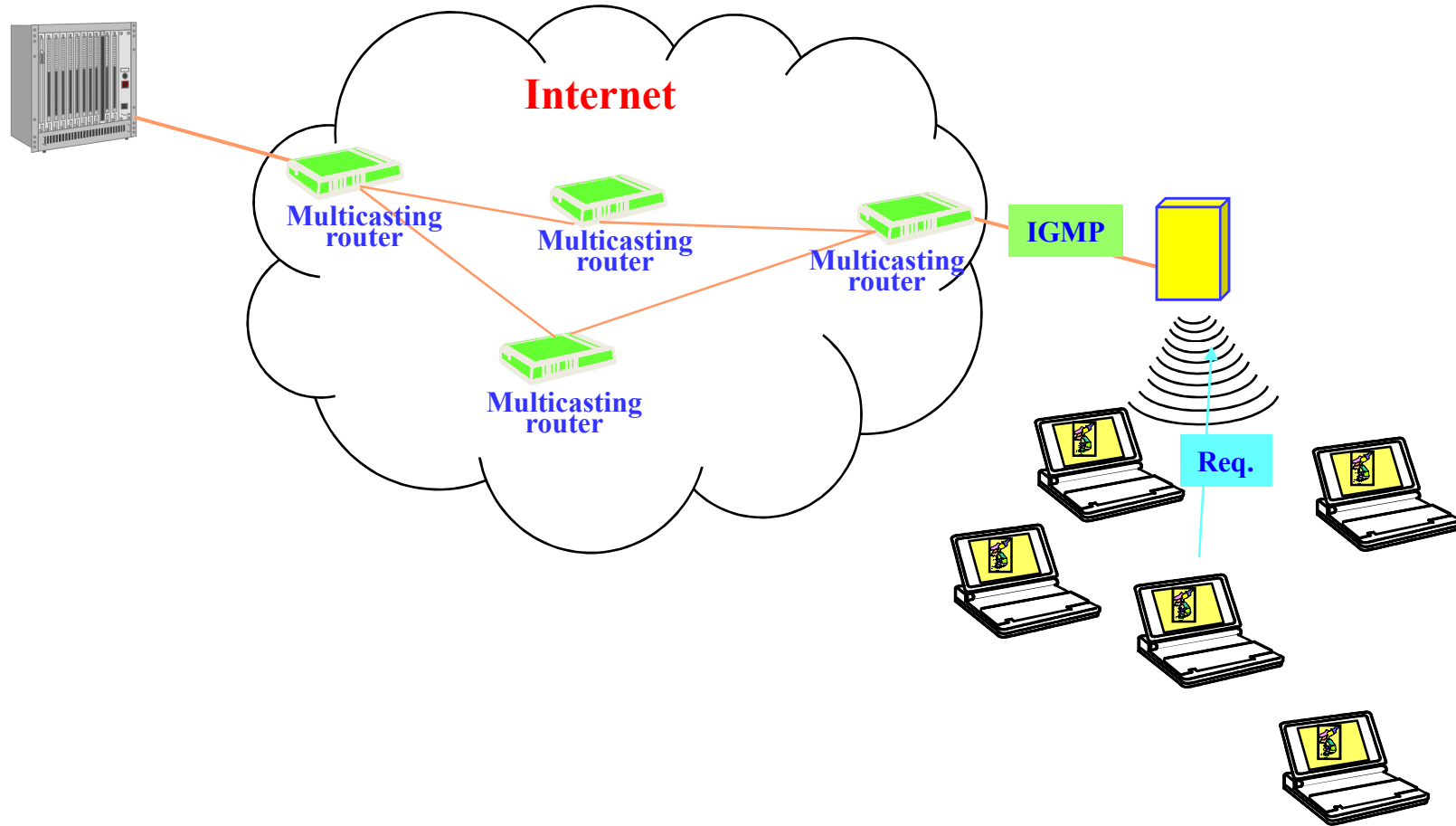
Header Format

- Controls broadcasting parameters of AP
 - Repetition period & duration
 - Priority control, scrambling, etc.
- Type of data
 - Users can see interesting data only by filtering.
 - Terminals can use for their own purposes.

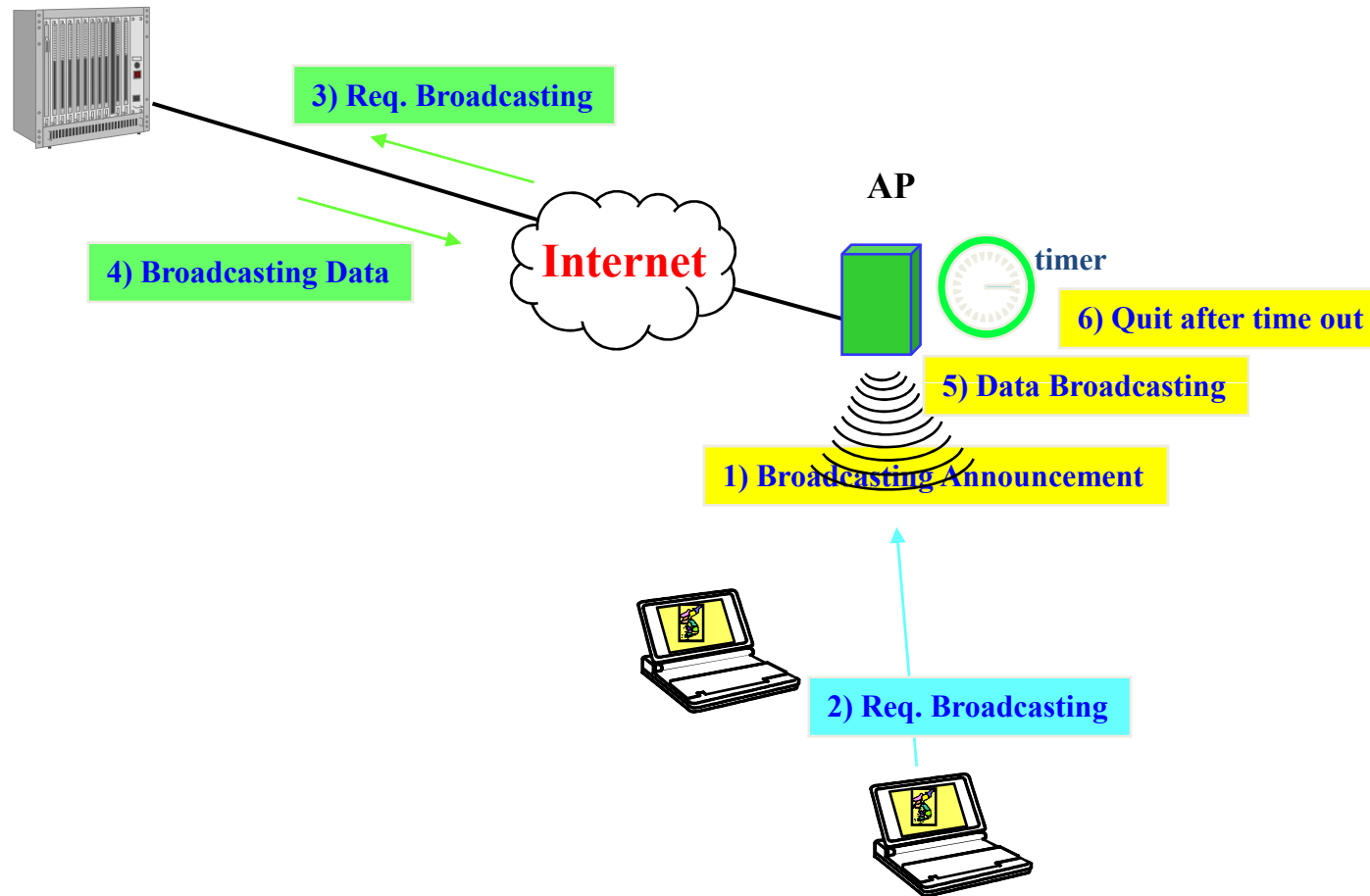
Control flags	type of data field	broadcast data
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Simplified Payload Format for IP Broadcasting

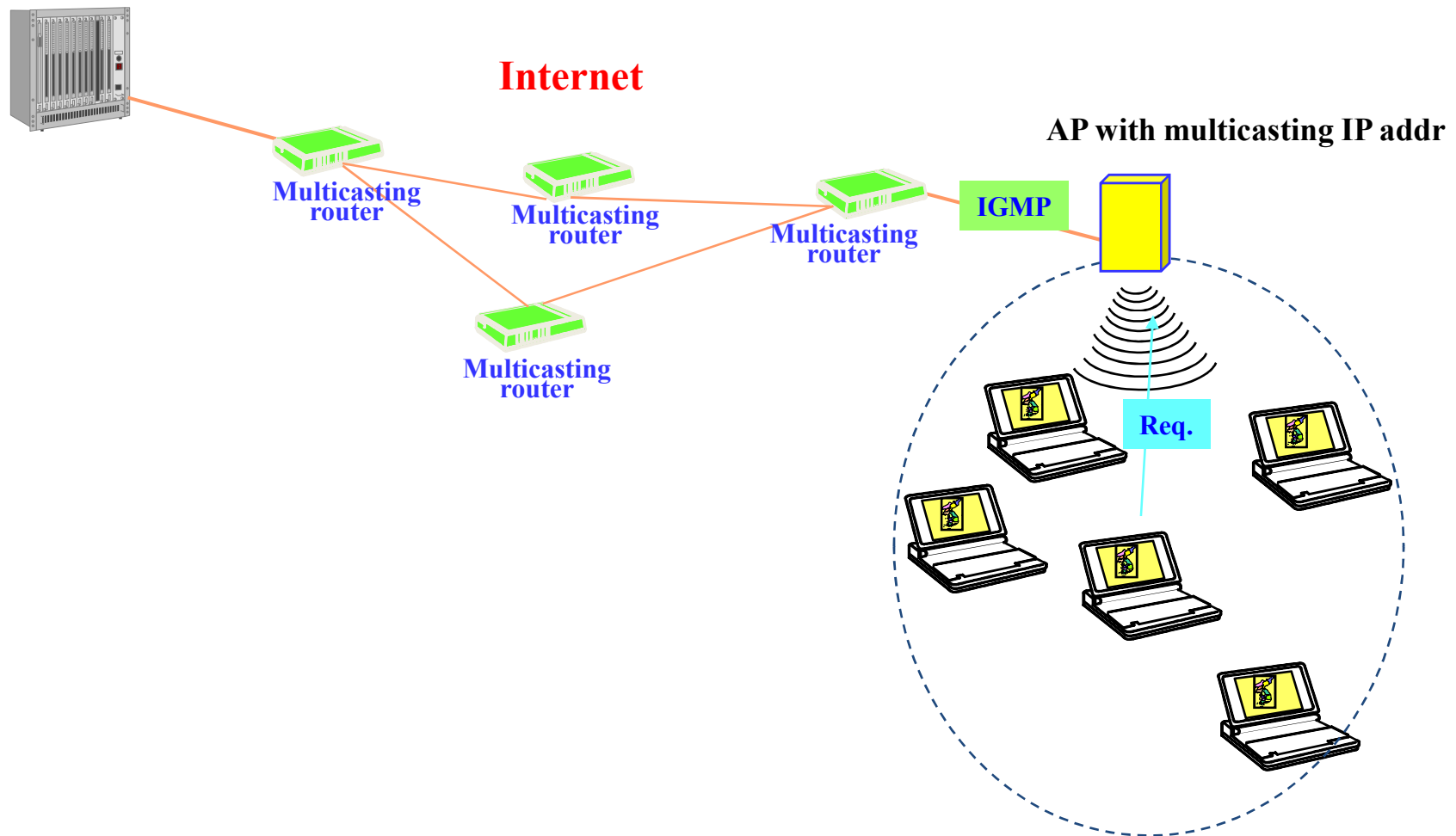
Multicasting + Local Broadcasting



Broadcasting initiation by terminal



Multicasting along with Local Broadcasting





Thank You