

Q3. Please list all the MAC layer functionalities in all Management, Control and Data plane

a) Management Plane:

- Beacons
- Scanning (active/passive)
- Authentication , De-authentication
- Association , Disassociation
- Power Save Mode support

b) Control Plane:

- RTS/CTS (Request to Send / Clear to Send)
- ACK frames
- NAV management
- Contention control

c) Data Plane:

- Frame transmission/reception
- Fragmentation and reassembly
- QoS support
- Aggregation
- Block ACK