MEDIA ACCESS CONTROL LAYER

❖ Media access control, medium access control or simply MAC, is a specific network data transfer policy.

❖ It determines how data transmits through a regular network cable.

❖ The protocol exists to ease data packets' transfer between two computers and ensure no collision or simultaneous data transit occurs.

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MAC MANAGEMENT

❖ The major functions related to system integration are handled by the MAC management layer in a 802.11 station.

❖ The various jobs done by this functional group includes WLAN,synchronization of internal clocks and generation of beacon signals.

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SECURING WIRELESS NETWORKS BLUETOOTH

❖Bluetooth security supports authentication and encryption.

❖These features are based on a secret link key that is shared by pair of devices.

❖ A pairing procedure is used when two devices communicate for the first time to generate this key.

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PROTOCOL STACK

❖ The protocol stack hides the complexity of the wireless interface.

❖ Its highest level, a software interface that resembles that of a wired connection.

❖ Not all the differences between a wired and a wireless interface can be hidden.

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