

Unique constraints and challenges

→ The adhoc networks are self-forming, self-maintaining, self-healing architecture.

→ The challenges are, no fixed access point, dynamic network topology, congested environment and irregular activities.

→ Adhoc have no trusted centralized authority.

→ Due to dynamic changing property, the adhoc faces some challenges are listed here

* QoS

* Medium Access Control.

* Routing

* multicasting

* Transport layer protocol.

* Self-organization

* Security

Energy management ⑦

Addressing and service discovery

Scalability

Deployment Considerations

QoS: → Due to dynamic changing topology in adhoc n/w, providing qos is a tedious task. But, limited resource, sufficient admission control, highly dynamic are the challenges

Medium Access Control → Synchronization

Hidden terminals → exposed terminals
throughput and access delay are the issues in MAC.

Routing: → minimum route acquisition, delay, quick route re configuration, support for time-sensitive traffic, security and privacy is the issues in adhoc n/w