

Objective

1. A **Mobile Node** is an end system or router that can change its point of attachment to use mobile IP
2. The **advertisement** messages are the flashed or broadcast into the subnet
3. The **packet** is not forwarded into subnet instead it is encapsulated and tunnelled to the care-of-address.
4. The registration is to inform the **home agent HA** of the current location for correct forwarding of packets
5. A **Tunnel** establishes a virtual pipe for data packets between a entry and a end point.
6. All internal networks connected to the internet are secured with **Fire wall**.
7. **Mobile IP** in IPv6 networks requires fewer additional mechanisms from a correspondent node.
8. **The Dynamic Host Configuration Protocol (DHCP)** is mainly used for simplification of installation and maintenance of network computers.
9. The **MANET** node have peer to peer connectivity among themselves
10. The **Transmission Control Protocol (TCP)** the influence the efficiency in a mobile environment