**DSR TEST CASES**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Description | Expected Results | Actual Results |
| #TC1 | Send Packet | Packet successfully sent |  |
| #TC2 | Receive Packet | Packet successfully received |  |
| #TC3 | Broadcast Message | Message broadcast to multiple nodes |  |
| #TC4 | Route Discover |  |  |
| #TC5 | Route Reply | Route sending reply message |  |
| #TC6 | Route Error | Route sending error message |  |
| #TC8 | Route Maintenance | DSR fix broken links |  |
| #TC9 | Route Repair |  |  |
| #TC10 | Broken Route |  |  |
| #TC11 | Shortest Route | Packet sent through shortest route |  |
| #TC12 |  |  |  |
| #TC13 |  |  |  |
| #TC14 |  |  |  |
| #TC15 |  |  |  |
| #TC16 |  |  |  |

**A: Mobile Ad Hoc General Concept**

|  |  |  |
| --- | --- | --- |
| Description | Expected Results | Actual Results |
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|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**B: DSR Specific Attributes**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Description | Expected Results | Actual Results |
| Route Discovery |  |  |  |
| Route discovery frequency |  |  |
|  |  |  |
| Route Request |  |  |  |
|  |  |  |
|  |  |  |
| Hop limit |  |  |
| Restricted Propagation of Route Request |  |  |
| Route Cache |  |  |  |
| Route cache updates |  |  |
| Route cache has no available information |  |  |
| Caching overhead routing information |  |  |
| Route Replay |  |  |  |
| Waiting before replay |  |  |
| Caching overhead routing information |  |  |
|  |  |  |
| Route Maintenance |  |  |  |
| Active acknowledgment |  |  |
| Route Error Message |  |  |
|  |  |  |
|  |  |  |