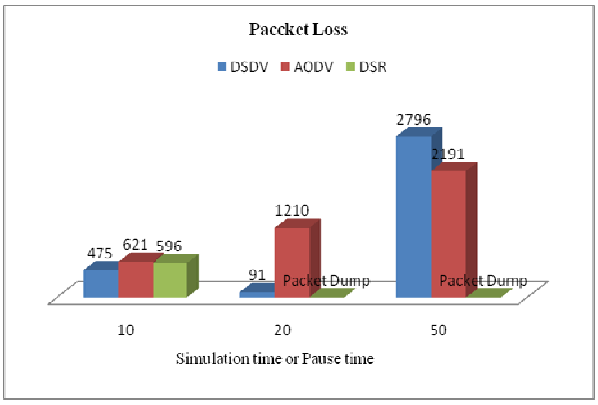

Figure 2: Packet Loss

(Figure 2) shows the packet loss for different routing protocols in different pause times, for pause time 10sec. DSDV has lowest packet loss compare to other routing protocols. For pause time 20sec AODV has the highest packet drop and DSDV has minimum packet drop. For 50sec. the packet drop will be much higher in DSDV compare to other routing protocol. DSR protocol gives core dumped result for 20 & 50sec because of time out.

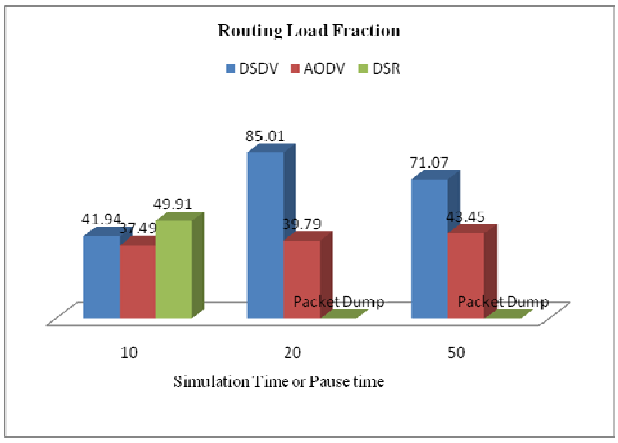

Figure 3: Routing Load Fraction

(Figure 3) show the routing load fraction in different pause times for different routing protocols. For pause time 10sec. the routing load fraction of DSR is highest compare to other routing protocols. For pause time 20sec the DSDV has the highest routing load fraction. Finally for pause time 50sec.,again DSDV has highest routing load fraction compared to other routing protocols. DSR give core dump result due to drop-tail.

6. Conclusion

From above simulation, result and calculation in different network environments that uses different topologies, we conclude that the packet delivery fraction is more efficient for DSDV in different pause time. The packet loss will be much higher for DSDV when pause time increases. Finally we conclude for routing load fraction AODV proves to be more efficient and better than other routing protocol. The entire scenario in this simulation has been considered with our own consideration. Network security is the challenging issue which can be considered for further work.

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