Objectives:

- To critically review the performance of ad-hoc cloud network in the simulation by using some performance metrics.

- To identify the key limitations of ad-hoc network protocols in cloud network and propose a new model for ad-hoc cloud computing.

- To design simulation model using OPNET Modeler 14.5 using three scenarios.

- To create first scenario in which cloud services are running on ad hoc network at server and client machines are having simple network. In Second scenario cloud services running on ad hoc network at server side and client is also having ad hoc network. In third scenario cloud services running on ad hoc network on server and client may have any network structure.

- To compare the scenario results and corresponding graphs to evaluate performance analysis.