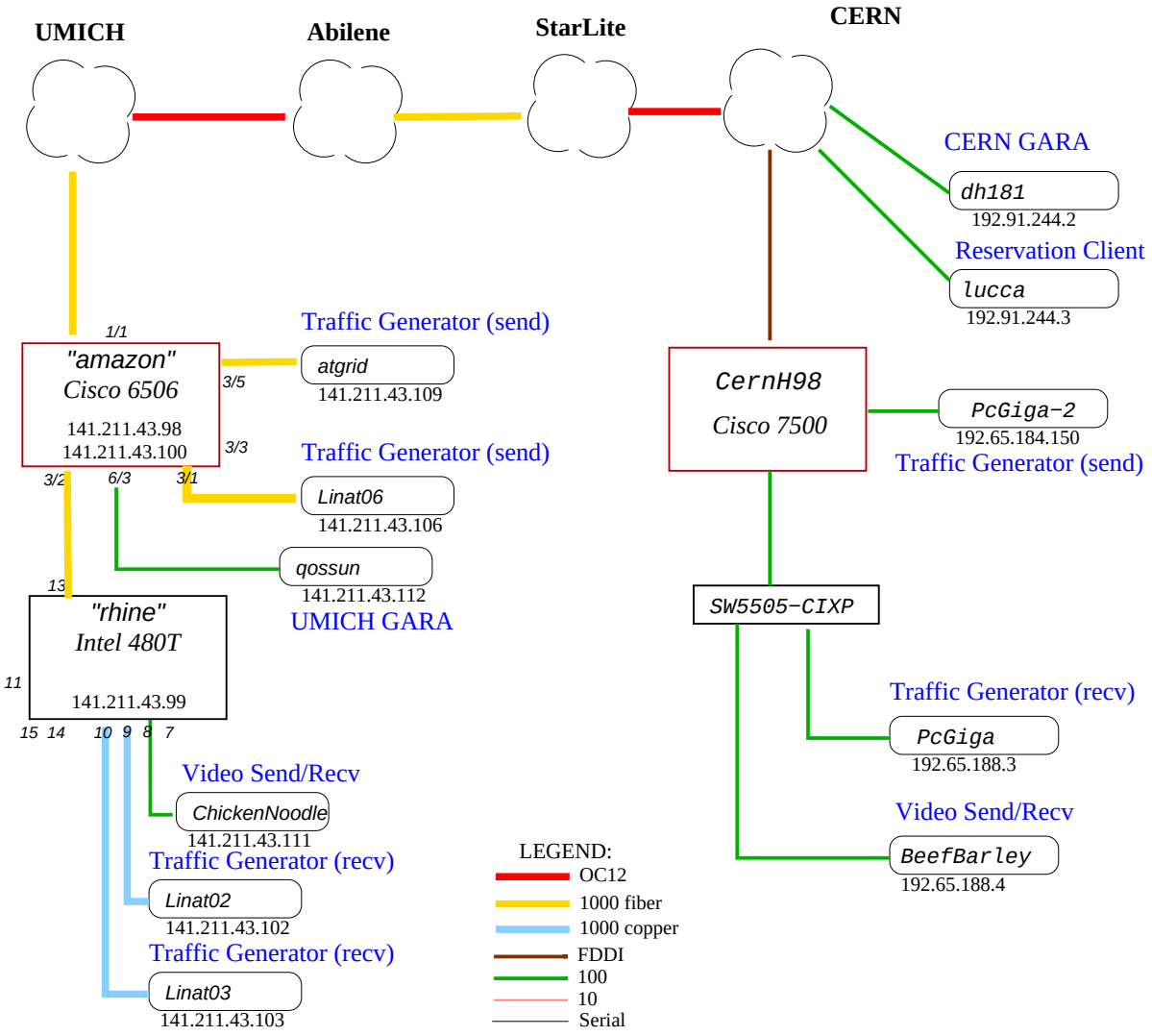UMICH CERN Authenticated QoS Demo Network