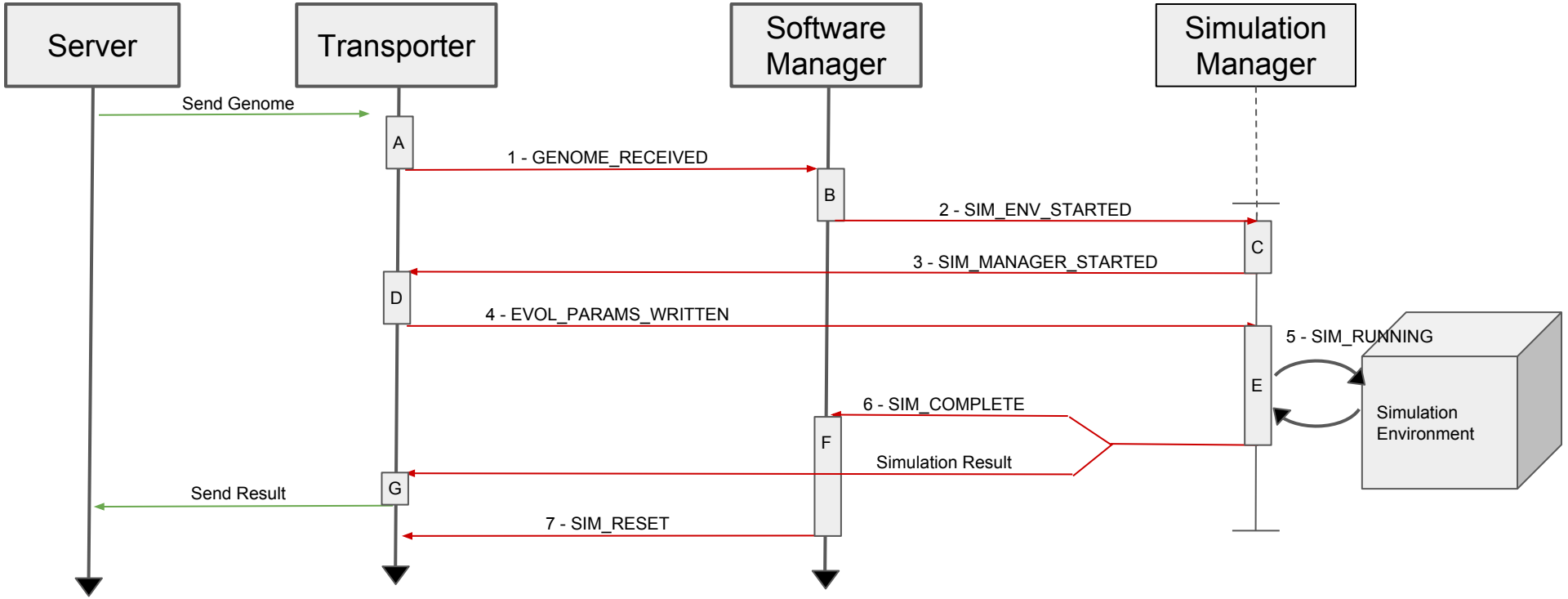
Evo-ROS2 Sequence Diagram



A - Transporter receives a genome from the server and parses it.
B - Software Manager spawns the simulation environment and the Simulation Manager.
C - The Simulation Manager initializes and starts utility monitors.
D - Evolvable ROS parameters are overwritten with values present in the genome.

E - The simulation is started by starting the launch file that is responsible for controlling the platform through the simulation environment. Statistics on the simulation are continuously monitored and logged by the Simulation Manager via utility monitors.
F - Software Manager receives simulation completion flag and starts resetting the simulation environment.
G - Transporter collects simulation result and sends it to server.