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Security on mobile agent based communication system.

Abstract

Mobile Agent Systems is a new technology it was developed for the communication between different mobile devices they have some good features but security remains the major problem in all Mobile Agent Systems for research point of view.

In mobile based Communication System, there were many problems in network like low bandwidth, slow data rate, data are not secure (because signals being available in open). The subject communication runs into cyber security problems. Our main objective is to provide a highly secure environment that is simple to use and deploy. So that in this project we will use agent base communication which is more effective in mobile communication and improve security for obtaining the goal. We create a new security protocol (that work on like data and code encryption, digital signature) and secure protocol architecture for the mobile communication. In this proposed system Aglets and Java are used as a language tools. In our application we will create a mobile agent which has the ability to find out the contact number for a given person in network using security protocols (which will be designed by us)