Abstract

Pervasive devices are deployed in the world anywhere at any time that makes an adaption to the changes in the dynamic environment based on the user mobility. New device enquiry, registration and adaption are major issues in such pervasive devices. As well as handling unacknowledged communication that causes anonymity is also a considerable issue. Above
aspects referred as anonymity in pervasive computing. Middleware is an intermediate software application that connects pervasive devices. Therefore in this paper we define the presence of anonymity in pervasive environments using the said issues. We also analyze and compare few middleware applications for handling anonymity.

Reference

- Roberto Speicys Cardoso, Pierre-Guillaume Raverdy and Valérie Issarny, “A Privacy-Aware Service Discovery Middleware for Pervasive Environments”, Inria Rocquencourt 78153 Le Chesnay, France.

Index Terms

Computer Science
Pervasive Computing

Key words
Pervasive device
Anonymity
Middleware
Adaptation