Abstract

In this paper, an extendible mobile ad hoc network emulator for investigating different configuration algorithms, for service assignment, is proposed. In this emulator, a configuration algorithm can be plugged as a Java class at runtime. The proposed emulator enables the designer to define different service failure schemes, node movement strategies and routing protocols. The experimental results show the usefulness of the proposed emulator in evaluating a service discovery and assignment protocol from reliability viewpoint.

References

An Extendible Emulator for Investigating Configuration Algorithms in Mobile Ad-hoc Networks

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Index Terms

Computer Science

Wireless

Keywords

Mobile Ad Hoc Network configuration algorithm emulator redeployment