

网络、通信、安全

面向移动网的P2P Web Service自组网协同通信平台

李 晔^{1, 2}, 王劲林²

1.中国科学院 研究生院, 北京 100039

2.中国科学院 声学研究所 国家网络新媒体工程技术研究中心, 北京 100190

收稿日期 2008-4-25 修回日期 2008-7-4 网络版发布日期 接受日期

摘要 要: 提出一种采用移动P2P Web Service技术的自组网协同通信平台SNCC (Self-organizing Networking Cooperative Communication), 目标是利用移动终端天然的分布式特点, 通过手机的自组网, 支持手机之间的协同通信; 为了克服现有移动网络的漫游性, 带宽的局限性, 通过自组网协同通信控制器, 基于目前移动网络支持的网络协议 (UDP/TCP), 实现针对移动网络的自组网协同通信功能。

关键词 [移动网](#) [自组网](#) [协同通信](#) [Web Service](#) [点对点](#)

分类号

Self-organizing networking cooperative communication infrastructure based on mobile P2P Web Service

LI Ye^{1, 2}, WANG Jin-lin²

1.Graduate University of Chinese Academy of Sciences, Beijing 100039, China

2.National Network New Media Eng. Research Center, Institute of Acoustics, Chinese Academy of Sciences, Beijing 100190, China

Abstract

To propose a self-organizing networking cooperative communication infrastructure based on mobile P2P Web service technology, named Self-organizing Networking Cooperative Communication (SNCC). The object is to support mobile phone self-organizing networking and cooperative communication by using the native distributed characteristic of mobile phone. For overcoming the nomadic mobile network characteristic and the limited network bandwidth of mobile network, to use a self-organizing networking controller and existing network protocol binding (TCP/UDP), implement the self-organizing networking cooperative communication.

Key words [mobile network](#) [self-organizing](#) [cooperative communication](#) [Web Service](#) [Peer to Peer \(P2P\)](#)

DOI: 10.3778/j.issn.1002-8331.2009.22.030

通讯作者 李 晔 liye@dsp.ac.cn

扩展功能

本文信息

▶ [Supporting info](#)

▶ [PDF\(454KB\)](#)

▶ [\[HTML全文\]\(0KB\)](#)

▶ [参考文献](#)

服务与反馈

▶ [把本文推荐给朋友](#)

▶ [加入我的书架](#)

▶ [加入引用管理器](#)

▶ [复制索引](#)

▶ [Email Alert](#)

▶ [文章反馈](#)

▶ [浏览反馈信息](#)

相关信息

▶ [本刊中 包含“移动网”的相关文章](#)

▶ [本文作者相关文章](#)

· [李 晔](#)

·

· [王劲林](#)