

個人通訊服務中改良型繞道遞轉策略之效能評估

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摘要

在個人通訊服務的環境中，位置管理是一項非常重要的工作。截至目前為止已有許多位置管理的方法被陸續提出來，我們這篇論文主要是針對其中的繞道遞轉策略(BYPASS FORWARDING STRATEGY)[14]進行研究。其作法是當系統發現POINTER CHAIN中的某一個VLR發生故障時，系統會送出一些FNV (FIND NEXT VLR) 訊息到發生故障的VLR的鄰居們然後等待回應。當系統收到所有鄰居的回應訊息後，就知道該往哪一個VLR繼續TRACING。但在這個的方法中，當系統收到一個以上的正訊息回應時，系統將無法決定該往哪一個VLR繼續TRACING，這就是所謂的路徑選擇的問題，而BIAZ等人並沒有去加以處理，因此針對這個問題我們提出改良型繞道遞轉策略(IMPROVED BYPASS FORWARDING STRATEGY)以改進繞道遞轉策略考慮不周詳的地方。

關鍵詞：個人通訊服務，位置管理，遞轉指標

目錄

第一章 緒論--P1 第二章 相關研究 2.1 IS-41位置追蹤策略--P5 2.2 指標遞轉策略--P9 2.3 繞道遞轉策略--P13 第三章 改良型繞道遞轉策略 3.1 快速回應法--P17 3.2 最佳路徑法--P21 第四章 效能分析 4.1 分析模型--P25 4.2 實驗結果--P28 第五章 結論--P31 參考文獻--P32 名詞縮寫--P34

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