論文名稱：網格效能最佳化之網格執行節點的工作排程分析　　總頁數：63

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畢業時間及提要別：九十九年度第一學期碩士學位論文提要

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論文提要內容：

本研究說明整個網格環境下，如何能使系統績效最佳。整個網格分監視點，備份監視點及執行點。每個點在網格環境下都有其職掌。每個執行點將其目前工作狀況傳給監視點收集，建立執行點目前工作狀況資料庫。當某個執行點工作忙碌時，則將工作傳給監視點處理，監視點如工作忙碌時，可從執行點目前工作狀況資料庫中找個工作空閒及適合的執行點，將工作轉傳給找到的執行點執行。如此，整個網格環境下資源將充分使用，並使整個系統績效將達最佳化。

關鍵字：網格(grid)、系統績效最佳化(system performance optimization)、工作排程(task scheduler)

Performance measurement of job scheduling base on grid nodes

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ABSTRACT

This article explains the whole grid environment, how can the best system performance. The whole point of the grid points to monitor, backup, monitoring points and enforcement points. Each point in the grid environment has its own particular portfolio. Each implementation of the point of its current work status to the monitoring point of collection, establishment of enforcement points is currently working conditions database. When a busy executive spots, it will pass on the work of monitoring points, processing, monitoring points, such as busy work, it can point the current status of work from the implementation of the database to find a free and appropriate implementation of the work points to pass on the work of turn found in the implementation of enforcement points. Case, the whole grid environment, resources will be fully utilized, and to reach the whole system performance optimization.

Keywords: grid, system performance optimization, task scheduler