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北京航空航天大学

硕士学位论文开题报告

北京航空航天大学开题报告

L^AT_EX 模板

学生姓名: (姓名)

指导教师: (导师姓名)

学科专业: (专业名)

培养学院: (学院名) 学院

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一 选题依据

主要阐述论文选题的背景与研究工作的意义。

1.1 背景

选题背景

1.1.1 背景一

背景一

1.1.2 背景二

背景二

二 文献综述

主要阐述研究方向国内外的研究现状、最新研究成果及不足之处。

三 研究方案

主要阐述研究目标、主要研究内容、拟采用的研究方法和可行性分析、可能的创新之处等。

四 预期目标和成果

主要阐述论文的预期目标与学术论文、专利等成果。

五 学位论文实施计划

主要阐述论文详细进度安排。

六 主要参考文献

- [1] KOTTWITZ S. Latex beginner's guide[M/OL]. Packt Publishing, 2011. <http://books.google.com.hk/books?id=rB1Cb62dVnUC>.

- [2] ACHARYA A, SETIA S. Availability and utility of idle memory in workstation clusters[J]. ACM SIGMETRICS Performance Evaluation Review, 1999.
- [3] ANDERSON E A, NEEFE J M. An exploration of network ram: CSD-98-1000[R]. UC Berkley, 1994.
- [4] BODEN N, COHEN D, FELDERMAN R, et al. Myrinet: A gigabit-per-second local area network[J]. IEEE Micro, 1995, 15(1): 29-36.
- [5] BOVET D P, CESATI M. Understanding the linux kernel[M]. 3rd ed. O'Reilly, 2005.
- [6] CORBET J, RUBINI A, KROAH-HARTMAN G. Linux device drivers[M]. 3rd ed. O'Reilly, 2005.
- [7] FEELEY M J, MORGAN W E, PIGHIN F H, et al. Implementing global memory management in a workstation cluster[J]. ACM SIGOPS Operating Systems Review, 1995: 201-212.
- [8] FLOURIS M D, MARKATOS E P. The network ramdisk: Using remote memory on heterogeneous nodes[J]. Cluster Computing, 1999, 2(4): 281-293.
- [9] FRANKLING M J, CAREY M J, LIVNY M. Global memory management in client-server dbms architectures[C]//Proceeding of the 18th VLDB Conference. 1992.
- [10] HAN J, ZHOU D, HE X, et al. I/O profiling for distributed ip storage systems[C]//Proceeding of The Second International Conference on Embedded Software and Systems. 2005.
- [11] HE X, YANG Q, ZHANG M. A caching strategy to improve iscsi performance[C]//Proceeding of Local Computer Networks. 2002.
- [12] HINES M R, LEWANDOWSKI M, GOPALAN K. Anemone: Adaptive network memory engine[D]. Florida State University, 2003.
- [13] IFTODE L, LI K, PETERSEN K. Memory servers for multicomputers[C]//Proceeding of the IEEE Spring COMPCON 93. 1993: 538-547.
- [14] KOUSSIH S, ACHARYAM S S. Dodo: a user-level system for exploiting idle memory in workstation clusters[C]//Proceeding of the Eighth IEEE International Symposium on High Performance Distributed Computing. 1999.

- [15] LIANG S, NOTONHA R, PANDA D K. Swapping to remote memory over infiniband: An approach using a high performance network block device[J]. IEEE Cluster Computing, 2005.
- [16] LOVE R. Linux kernel development[M]. 2nd ed. Sams Publishing, 2005.
- [17] MARKATOS E P, DRAMITSIONS G. Implementation of a reliable remote memory pager[C]// Proceeding of the 1996 Usenix Technical Conference. 1996.
- [18] MCCALPIN J. Streambenchmark[EB/OL]. <http://www.streambench.org>.
- [19] NEWHALL T, FINNEY S, GANCHEVM K, et al. Nswap:a network swapping module for linux clusters[C]//Proceeding of Euro-Par'03 International Conference on Parallel and Distributed Computing. Klagenfurt, Austria, 2003.
- [20] OLESZKIEWICZ J, XIAO L, LIU Y. Parallel network ram: Effectively utilizing global cluster memory for large data-intensive parallel programs[C]//Proceeding of International Conference on Parallel Proceeding. 2004: 577-592.
- [21] PETRINI F, FRACHTENBERG E, HOISIE A, et al. Performance evaluation of the quadrics interconnection network[J]. Journal of Cluster Computing, 2003, 6(2): 125-142.
- [22] SUN H T, CHEN M, FAN J. A scalable dynamic network memory service system[C]// Proceeding of High-Performance Computing in Asia-Pacific Region. 2005.
- [23] TREVISAN T S, COSTAL V S, WHATELY L, et al. Distributed shared memory in kernel mode [C]//Proceeding of Computer Architecture and High Performance Computing. 2002.
- [24] XIAO L, CHEN S, ZHANG X. Adaptive memory allocations in clusters to handle unexpctedly large data-intensive jobs[J]. IEEE Transactions on Parallel and Distributed Systems, 2004, 15 (6): 577-592.
- [25] ITA. The infiniband architecture[EB/OL]. InfiniBand Trade Association. <http://www.infinibanda.org/spec>.