About the Contributors

Vaijayanthimala Anand is a senior software engineer with several years of network protocol/driver development and architecture experience. She has been working on Linux kernel performance for the past three years. She holds an MS in Computer Science from the University of Houston.

Steve Best works at the IBM Linux Technology Center in Austin, Texas. He is currently working on the Journaled File System (JFS) for Linux project. Steve has done extensive work in operating system development, with a focus in the areas of file systems, internationalization, and security.

Dr. Edward G. Bradford is a senior engineer. Ed has more than 15 years of experience developing and managing the development of UNIX operating systems. He now works on Linux performance issues in comparison to other platforms.

Mark Brown has more than 20 years of UNIX and Linux experience, including service on the GNU C Library Steering Committee. He specializes in operating system API and ABI specification, and C runtime library issues.

Mingming Cao is a Linux kernel developer at the IBM Linux Technology Center in Beaverton, Oregon. Her areas of interest include interprocess communication, file systems, and I/O.

Ruth Forester is a performance engineer at the IBM Linux Technology Center in Beaverton, Oregon. She has been involved in UNIX and database performance for 15 years for both end users and systems design. She participated in the development of the TPCD and served on the TPC for seven years. She has done work in applications performance as well as performance impacts on L1-L2-L3 caches.

Steven French is a senior engineer at the IBM Linux Technology Center responsible for Linux files system design and has more than 15 years of experience designing and implementing network software. He is the author of the CIFS file system in the Linux kernel, a member of the Samba team, and chair of the CIFS working group within the Storage Networking Industry Association.

Dominique Heger focuses on operating systems performance, performance modeling, algorithms and data structures, and I/O scalability. He has worked for IBM, Hewlett-Packard, and Unisys. He holds a Ph.D. in Information Systems.

Michael Hohnbaum is a software engineer at the IBM Linux Technology Center in Beaverton, Oregon. He has worked on operating systems for large SMP systems for the past 20 years. Currently Michael is involved with an open source server virtualization project.

Dr. Khoa Huynh is a senior software engineer at the IBM Linux Technology Center in Austin, Texas. He has worked in various areas of the operating system for more than 15 years, from performance modeling/evaluation, kernel development, and network computing, to service and support. His interests are in the areas of system architectures, performance evaluation, and software quality.

Dr. Wilfred C. Jamison is a software engineer currently working on SOA and On Demand Solutions for IBM. He is an expert on WebSphere performance and has published several articles on performance engineering, best practices for Java performance, and improving performance from a memory usage perspective. He has led a group called WebSphere Performance for the Linux Platform that studied the performance characteristics of WebSphere Application Server on different platforms (IA32, S390, POWER4) using Linux.

Hanna Linder is a software engineer for IBM at the Linux Technology Center in Beaverton, Oregon. She has worked with UNIX/Linux for 10 years. Hanna has spoken at international and local Linux kernel conferences and meetings. She is currently working on supporting Linux on IBM xSeries systems.

Chris McDermott is a software engineer at the IBM Linux Technology Center in Beaverton, Oregon. He has 15 years of experience with Linux/UNIX operating systems. He is currently responsible for bringing up the kernel and other enabling features on IBM xSeries hardware.

Erich Nahum has been a research staff member at IBM Research since 1996. He has a Ph.D. in Computer Science from the University of Massachusetts and has worked on server performance issues for 14 years.

Steven Pratt has been employed by IBM for 15 years. He has a BS in Computer Science from Worcester Polytechnic Institute. Steven has worked in the area of volume management and file systems since 1994 and has been developing on Linux since 1998. He has worked on the HPFS and JFS filesystems for OS/2 and was one of the lead designers for the OS/2 LVM and the Linux Enterprise Volume Management System (EVMS). For the past three years, Steven has worked on file and disk I/O performance in Linux.

Chandra Seetharaman is an operating systems engineer and has worked on UNIX/Linux operating systems for more than a decade. He is currently working on Class Based Kernel Resource Management (CKRM) for Linux. He works for IBM in Beaverton, Oregon.

Narasimha Sharoff is a software engineer at IBM in Beaverton, Oregon. He is currently working on Linux System Management Projects in the Linux Technology Center. He holds a BE from Mysore University, India, and an MS in Computer Science and Engineering from OGI/OHSU.

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John Tran has been a software developer for IBM in the Toronto Laboratory since 2000. His primary focus has been DB2 performance on Linux.

Dr. Duc J. Vianney is a senior software engineer with more than 25 years of experience in computer performance evaluation and measurement. He worked at Harris Computer Systems and Gould Computer Systems before joining IBM in 1989 to work on DOS, OS/2, Win-OS/2, and Linux. He currently works on performance issues involving Linux on Power.

Peter Wai Yee Wong is a senior software engineer at the IBM Linux Technology Center in Austin, Texas. He has 10 years of experience on performance analysis in the areas of database and graphics. Peter holds a Ph.D. in Computer Science from Ohio State University.