

Lecture Notes in Computer Science

2707

Edited by G. Goos, J. Hartmanis, and J. van Leeuwen

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Quality of Service – IWQoS 2003

11th International Workshop
Berkeley, CA, USA, June 2-4, 2003
Proceedings



Springer

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Cataloging-in-Publication Data applied for

A catalog record for this book is available from the Library of Congress.

Bibliographic information published by Die Deutsche Bibliothek.
Die Deutsche Bibliothek lists this publication in the Deutsche Nationalbibliografie;
detailed bibliographic data is available in the Internet at <<http://dnb.ddb.de>>.

CR Subject Classification (1998): C.2, D.4.4, H.3.5-7, H.4, H.5.1, K.4.4, K.6.5

ISSN 0302-9743

ISBN 3-540-40281-0 Springer-Verlag Berlin Heidelberg New York

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Springer-Verlag Berlin Heidelberg New York
a member of BertelsmannSpringer Science+Business Media GmbH

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© Springer-Verlag Berlin Heidelberg 2003
Printed in Germany

Typesetting: Camera-ready by author, data conversion by PTP-Berlin GmbH
Printed on acid-free paper SPIN: 10928721 06/3142 5 4 3 2 1 0

Preface

Quality of Service continues to be an active research field, especially in the networking community. IWQoS is a successful series of workshops that aims to provide a forum for the presentation and discussion of new research and ideas on QoS. Traditionally, IWQoS workshops are cross-disciplinary and well focused, with the emphasis on innovation. As a result, a considerable amount of time is devoted to informal discussion.

In addition to the traditional QoS topics such as service guarantees and admission control, this year we aimed to expand the scope of the workshop by encouraging submissions offering research contributions related to robustness, resilience, security, and predictability in networking and distributed systems. As a result, the program included two sessions on availability, fault tolerance, and dependability. The other sessions covered routing, resource allocation, storage, Web services, incentives, and rate based QoS.

A great deal of effort has gone into putting together a high-quality program. The quality of submissions was very high, and the program committee had a difficult task to select 27 papers among many deserving papers. Special thanks to the program committee, and the outside reviewers, for their efforts and hard work in the reviewing and selection process during such a short time frame. We thank all authors who submitted papers to IWQoS, and who ultimately made this program possible.

We express our appreciation for our sponsors, NSF, the IEEE Communications Society, IFIP WG 6.1, and ACM SIGCOMM & SIGMOBILE.

Finally, we wish to thank Bob Miller for his help with organizing the workshop, and Keith Sklower for maintaining the IWQoS Web server.

April 2003

Kevin Jeffay, Ion Stoica & Klaus Wehrle

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