Google Drive



Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC)

Priyanka Sharma, Sameer Kumar

Download now

Click here if your download doesn"t start automatically

Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC)

Priyanka Sharma, Sameer Kumar

Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) Priyanka Sharma, Sameer Kumar
CUBIC is congestion control algorithm designed keeping in mind the issues with networks having high bandwidth delay product. It is current congestion control algorithm being used in Linux kernels. The algorithm modifies the linear increase function of TCP to a cubic function. It also has a better response time and maintains the fairness against concurrent TCP flows. It exhibits a TCP friendly nature over a much vast range of values for Round Trip Time, Bandwidth and Error Rate. But, it also has a problem of aggressive increase and slow convergence of flows causing prolonged unfairness for short lived flows. We have tried to understand these implications of the CUBIC TCP algorithm and explore reasons and suggest solutions for them. The solutions suggested are not purely mathematical but, they lay a foundation for a full fledged algorithm gives hints towards what improvements should be implemented to better the performance of CUBIC. For studying and analysis we have implemented CUBIC in Linux and simulated it in ns-2.

Download Analysis of CUBIC: Implementation, Analysis and Im ...pdf

Read Online Analysis of CUBIC: Implementation, Analysis and ...pdf

Download and Read Free Online Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) Priyanka Sharma, Sameer Kumar

---

From reader reviews:

Margert Lewis:

Nowadays reading books be than want or need but also turn into a life style. This reading routine give you lot of advantages. Advantages you got of course the knowledge your information inside the book this improve your knowledge and information. The information you get based on what kind of publication you read, if you want attract knowledge just go with training books but if you want experience happy read one together with theme for entertaining for instance comic or novel. The particular Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) is kind of book which is giving the reader unforeseen experience.

Philip Edwards:

The guide with title Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) contains a lot of information that you can understand it. You can get a lot of gain after read this book. This specific book exist new know-how the information that exist in this publication represented the condition of the world at this point. That is important to yo7u to learn how the improvement of the world. This specific book will bring you within new era of the syndication. You can read the e-book on your smart phone, so you can read that anywhere you want.

Jacquelin Vasquez:

Would you one of the book lovers? If so, do you ever feeling doubt when you find yourself in the book store? Try and pick one book that you just dont know the inside because don't assess book by its include may doesn't work here is difficult job because you are frightened that the inside maybe not while fantastic as in the outside seem likes. Maybe you answer might be Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) why because the fantastic cover that make you consider regarding the content will not disappoint an individual. The inside or content will be fantastic as the outside or perhaps cover. Your reading sixth sense will directly guide you to pick up this book.

Anna Bailey:

You can obtain this Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) by check out the bookstore or Mall. Simply viewing or reviewing it could to be your solve difficulty if you get difficulties for ones knowledge. Kinds of this e-book are various. Not only simply by written or printed but also can you enjoy this book by e-book. In the modern era like now, you just looking by your local mobile phone and searching what your problem. Right now, choose your own personal ways to get more information about your publication. It is most important to arrange you to ultimately make your knowledge are still change. Let's try to choose correct ways for you.

Download and Read Online Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) Priyanka Sharma, Sameer Kumar #RQO64C57XFI

Read Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) by Priyanka Sharma, Sameer Kumar for online ebook

Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) by Priyanka Sharma, Sameer Kumar Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) by Priyanka Sharma, Sameer Kumar books to read online.

Online Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) by Priyanka Sharma, Sameer Kumar ebook PDF download

Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) by Priyanka Sharma, Sameer Kumar Doc

Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) by Priyanka Sharma, Sameer Kumar Mobipocket

Analysis of CUBIC: Implementation, Analysis and Improvement of High Performance Variant of TCP (CUBIC) by Priyanka Sharma, Sameer Kumar EPub