



Evaluation of PIM-SM Multicast Protocol in IPv6 Environment: A Greedy RP Selection Approach (Paperback)

By Saif S. Shihab, Imad J. Mohammed

LAP Lambert Academic Publishing, 2017. Paperback. Condition: New. Language: English . Brand New Book. The multicast technology implements a very high-efficiency point-to-multipoint data transmission over IP networks (IPv4 and IPv6). Multicast protocols reduces network load, eliminates traffic redundancy, and saves network bandwidth. Therefore, widely used in WAN applications as online games, video conferencing and IPTV. This research focuses on IP multicast routing problem called center selection problem of shared tree with the best root classified as NP-complete type tested in IPv6 multicast network. The current research aims to improve select the best location of the RP for PIM-SMv6 protocol through propose a compound solution for multicast RP selection problem. The proposed algorithm called Greedy based RP selection algorithm (GRPSA), designed to select the best RP for PIM-SMv6 multicast routing protocol based on fitness criteria supported by Dijkstra algorithm. Moreover, the development of GRPSA divided into two stages. The First, MATLAB deployed to implement our proposed algorithm (GRPSA) to select the best RP. The second stage uses GNS3 emulator to investigate the performance GRPSA compared to the other randomly nominated RPs in IPv6 multicast network.



[READ ONLINE](#)
[7.4 MB]

Reviews

I just began looking over this pdf. It is one of the most amazing pdf i have study. I discovered this book from my dad and i recommended this pdf to understand.

-- Merritt Kilback II

Good e book and useful one. I have got read and that i am confident that i will likely to go through once more again later on. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Angela Blick

See Also



[Sly Fox and Red Hen - Read it Yourself with Ladybird: Level 2](#)

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 222 x 148 mm. Language: N/A. Brand New Book. Sly Fox is hungry and he wants to catch and eat Red Hen. Armed with his big, black bag he heads to her...



[Never Invite an Alligator to Lunch!](#)

Lucky Me Publishing, LLC, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. NEVER Invite an Alligator to Lunch! delivers a fun, action-packed, entertaining story featuring delightful characters. The...



[Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success](#)

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How can inclusive early educators plan and deliver...



[Electronic Dreams: How 1980s Britain Learned to Love the Computer](#)

Audible Studios on Brilliance, United States, 2016. CD-Audio. Book Condition: New. Unabridged. 170 x 135 mm. Language: English . Brand New. Remember the ZX Spectrum? Ever have a go at programming with its stretchy rubber keys? Did you marvel at the immense...



[THE Key to My Children Series: Evan s Eyebrows Say Yes](#)

AUTHORHOUSE, United States, 2006. Paperback. Book Condition: New. 274 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.THE KEY TO MY CHILDREN SERIES: EVAN S EYEBROWS SAY YES is about a three year old little boy who...



[A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half](#)

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to sharpen their skills and don t mind...