

{tag}

{/tag}

IJCA Proceedings on National Conference on Innovative Paradigms in Engineering and Technology (NCIPET 2012)

© 2012 by IJCA Journal

ncipet - Number 12

Year of Publication: 2012

Authors:

Pratik N. Katolkar

Sneha R. Burnase

{bibtex}ncipet1090.bib{/bibtex}

Abstract

This paper provides background information and an application guide to the Open Shortest Path First (OSPF) routing protocol. It highlights the features and benefits of OSPF, describes OSPF implementation, explains the difference between OSPF and the Routing Information Protocol (RIP), and describes typical OSPF applications. It is meant for managers and network administrators at Internet Service Providers (ISPs), corporations, and other organizations who want to identify the advantages that OSPF can provide their networks. All topics in this paper apply to routing on both the Internet and TCP/IP based private internetworks.

Refer

ences

- Douglas Comer, Internetworking with TCP/IP, Volume 1, Principles, Protocols, and Architecture, 3rd Edition, Prentice Hall, 1995.
- C. Hedrick "Routing Information Protocol," RFC-1058, June 1988.
- Christian Huitema, Routing in the Internet, Prentice Hall PTR, 1995.
- J. Moy, "OSPF Version 2", RFC-1583, March 1994. Radia Perlman, Interconnections: Bridges and Routers, Addison-Wesley Professional Computing Series, 1992.

Index Terms

Computer Science

Engineering and Technology

Keywords