Abstract

There has been extensive research on design, implementation and analysis of new dedicated protocols like group protocol, feasible protocol, secure protocol etc to cater communication requirement of distributed system. However there is no predefined strategy that can be readily used for protocol selection. Performance is defined as the efficient use of resources while still
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meeting the applications’ requirement, hence this paper provide probabilistic analysis of QoS in protocol selection. Ideal protocol features are listed in this paper. Model is design for selection criteria of protocol and creating customized QoS parameter for ease in probability analysis.

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Index Terms

Computer Science

Networks

Key words

Transmission Control Protocol

Internet Protocol

Quality of Service