

Document category : Scopus

Title : Improved models of internet charging scheme of single bottleneck link in multi QoS networks

Author : Puspita F.M., Seman K., Taib B.M., Shafii Z.

Abstract : Internet Service Providers (ISPs) nowadays deal with high demand to promote good quality information. However, the knowledge to develop new pricing scheme that serve both customers and supplier is known, but only a few pricing plans involve QoS networks. This study will seek new proposed pricing plans are offered with QoS networks involved. The single link multi QoS Networks scheme is solved as an optimization model by comparing two models in multi QoS networks. The decisions whether to set up base price to be fixed to recover the cost or to be varied to compete in the market are considered. Also, the options of quality premium to be fixed to enable user to choose classes according to their preferences and budget or to be varied to enable ISP to promote certain service are set up. © 2013 Asian Network for Scientific Information.

Subject : Charging scheme; Market competition; Multi QoS networks; Profit maximization; Recover cost; Single bottleneck link

Type : Article

Source title : Journal of Applied Sciences

ISSN : 18125654

ISBN :

Publisher :

Year issue : 2013

Language : English