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# End-to-end delay qos attribute-based bundling strategy of wireless improved reverse charging network pricing model

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Views count [View all metrics](#) [View PDF](#) [Full text options](#) [Export](#) **Abstract**

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**Abstract**

In this article, a multi-link internet reverse charging (IRC) scheme model in a multi-service network with the addition of a bundling strategy is proposed. Reverse charging schemes in multi-link and multi-service networks are rarely discussed in previous studies. This pricing scheme is designed with the aim of maximizing service provider profits by minimizing internet usage costs. The basic cost and satisfaction level of the service provided by the ISP (Internet Service Provider) is focused on this effort. The model formed in this study is a Mixed Integer Non-Linear Programming (MINLP) model that is completed using software LINGO 13.0. This problem comprises two cases, when (base price) case as a parameter and  $\beta$  (quality premium) as a parameter or variable with sub-cases PQij (the changes on cost with changes on QoS) increases in usage based pricing schemes. Thus, the results obtained can be a consideration for ISPs in determining the price of services that can support an ISP. The updated IRC

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Indrawati, I. , Puspita, F.M. , Nurhayati, L. (2023) *AIP Conference Proceedings*

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Bundling; End-to-end delay; ISP; LINGO 13.0; Pricing scheme

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