

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Supporting End-to-End QoS within Tunnel Service Flows	
Date Submitted	2007-03-05	
Source(s)	Ranga Reddy US Army - CERDEC, USA	Ranga.Reddy@us.army.mil +1 732-532-0085
	D. J. Shyy MITRE, USA	djshyy@mitre.org +1 703 983 6515
	Arnaud Tonnerre THALES COMMUNICATIONS, FRANCE	arnaud.tonnerre@fr.thalesgroup.com +33 1 46 13 2850
	Djamal-Eddine Meddour FRANCE TELECOM, FRANCE	djamal.meddour@orange-ft.com
Re:	Call for Technical Comments and Contributions regarding IEEE 802.16j	
Abstract	Provide a method of supporting end-to-end QoS	
Purpose	To amend the text of baseline document for Section 6.3.14.10	
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being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site <<http://ieee802.org/16/ipr/patents/notices>>.

Support End-to-End QoS in Tunnel Service Flows

Purpose

Amend text for Section 6.3.14.10 “Tunnel Service Flows” in order to provide a method for supporting end-to-end QoS for service flows, regardless of whether or not a tunnel is being used. The users should have the option to not make use of tunnel based on their own requirements.

Amendment Text

Change the following text in Section 6.3.14.10 “Tunnel Service Flows”

After

When a new service flow is created, the MR-BS or access RS determines whether the service flow should traverse a tunnel that exists between them (if such a tunnel has been established).

-add-

There should be an option to not use the tunnel for that particular service flow if desired.

Change the following text to Section 6.3.14.10 “Tunnel Service Flows”

Change

...while intermediate RSs traversed by the tunnel, may ignore QoS parameters of the individual service flows...

-to-

. Intermediate RSs can be forced to support QoS parameters for service flows that transit them, through a configurable option. If the option to force QoS support is enabled, then the level of QoS support selected shall be the minimum level required to support all service flows transiting that RS. If the option is disabled, then the RS will ignore QoS parameters of the individual service flows.