Project	IEEE 802.16 Broadband Wireless Access Working Group http://ieee802.org/16 >
Title	Clarifications on Data Forwarding In 16j Networks with RS Groups
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Re:	IEEE 802.16j-07/043: "IEEE 802.16 Working Group Working Group Letter Ballot #28"
Abstract	This contribution clarifies data forwarding in systems with RS groups.
Purpose	Text proposal for 802.16j Draft Document.
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Clarifications on Data Forwarding In 16j Networks with RS Groups Gamini Senarath, et. al.

Nortel

Introduction

The data forwarding in the presence of RS groups is not clear in 80216j/D3. We clarify the available data forwarding methods for this case.

Proposed Text Changes

[Change the text on line 15-16 of page 7 as follows]

An additional type of connection called a tunnel connection may be established between the MR-BS and an access RS, or between the MR-BS and super-ordinate of an RS group (see 6.3.33).

[Insert the following paragraph as a new item to Line 40 of Page 168]

— For communication ith RS groups, tunnel-based, CID based or burst-based forwarding can be applied. If the MS/SS is served by an RS group, the tunnel connections shall be established between the MR-BS and the super-ordinate station of the RS group i.e., the super-ordinate station is considered as the access station for the tunnel connection which is the end-of-tunnel in DL and beginning-of-tunnel in UL. In this case, the data forwarding between the super-ordinate station and the MS/SS may be either CID-based or burst-based.

[Change the text from Lines 40 to 42 of Page 168as indicated]

Data forwarding within RS group can be <u>either burst-based whose details are provided in 6.3.3.8.2 or CID</u> based. For DL, the members of an RS group may be configured to forward traffic data for only specific subordinate terminal stations. This may be done on a per-connection basis <u>or burst basis</u>.