

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>The scope of IEEE 802.16g</b>	
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Re:	IEEE 802.16g-04/02-Call for Contribution on IEEE Project 802.16g	
Abstract	Proposal about the scope of IEEE802.16g	
Purpose	Discuss and adopt as the proposal about the scope of IEEE802.16g	
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## **The scope of IEEE 802.16g**

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### **1. Introduction**

Many important issues related with Handover and MBS are not dealt in IEEE802.16e. Therefore, we should deal these issues in IEEE802.16g.

### **2. Proposal**

Following issues should be dealt in IEEE802.16g.

a. Handover related issues.

- (1) Fast Handover between BSs located in different subnets. (PHY, MAC related issue only)
- (2) Resource management during/after Handover
- (3) QoS guarantee during/after Handover

b. The method to support MBS efficiently

- (1) In case of join/leave to the specific multicast group
- (1) In case of changing multicast group
- (2) In case of moving to another subnet

### **3. Conclusion**

Above issues should be dealt in IEEE802.16g to support efficient Handover, MBS and QoS.