

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 issues related with Roaming</b>	
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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 issues related with Roaming

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## 1. Introduction

We should discussed to the issues related with Roaming between IEEE802.16 network and networks (ex; Cellular, PCS, 3G, WLAN etc) in IEEE802.16g.

Many people needs to provide data and voice service with one terminal, but wireless MAN network is a data-oriented networks, therefore IEEE802.16 network should be operated interworking with other wireless networks.

## 2. Proposal

We should be discussed to following issues in IEEE802.16g

Roaming with another service networks (Cellular, PCS, 3G, WLAN etc)

- Roaming security (Encryption etc)
- Mutual authentication
- Accounting method
- Billing issues
- Procedures of mutual authentication
- Procedures or flows of accounting
- QoS issues
  - QoS parameter(delay, jitter, data rate, delay variance etc)
  - QoS related service defined

## 2. Conclusion

We should be discussed to above issues in IEEE802.16g to support efficient network configuration and management.