

Wireless Interworking Group

TK Tan,
chair WNG SC, Co-Chair WIG
tktan@ieee.org

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Motivation for Standardised Integration

- More flexible deployment
- Larger market for WLAN
- Exploiting world wide roaming infrastructure
- More advanced interworking
- Support for cellular services on the WLAN segment
- Plattform for new service concepts

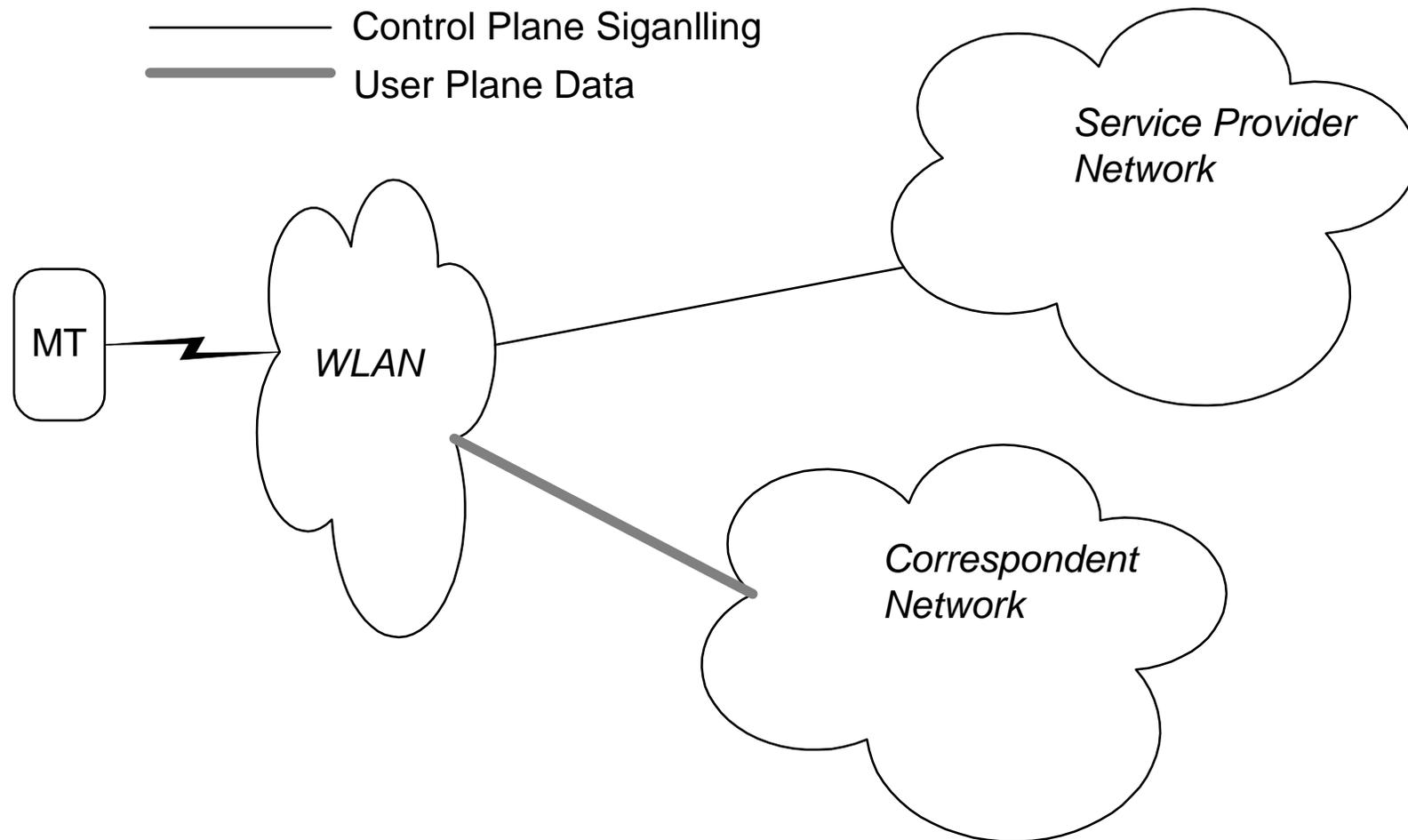
Motivation for integration

- A need for an efficient corporate access
 - High(er) bandwidth
- Wireless users are expecting advanced services
 - Sophisticated user interface
- WLAN as hot-spots
 - Cheap and cost effective
 - Old Idea

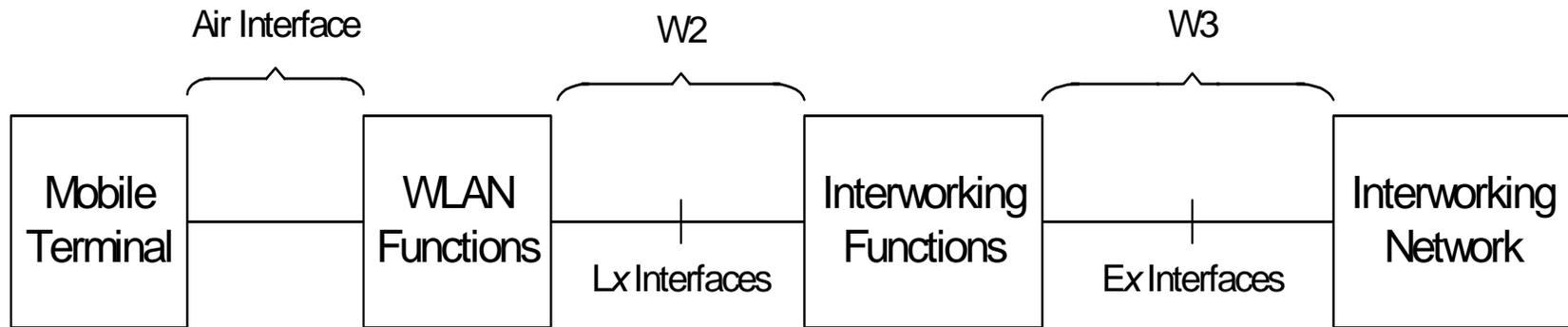
WIG Scope

- *To be an integral part in the production of a generically applicable interworking standard for WWAN and other public networks. The standard is to be applicable for IEEE 802.11 family, MMAC HiSWAN family and ETSI HIPERLAN/2*
- *To be the point of resolution for ETSI, IEEE and MMAC on issues related to interworking with WWAN and other public networks.*
- *To be the single point of contact for the above mentioned WLAN standards on questions related to interworking with WWAN and other public networks.*

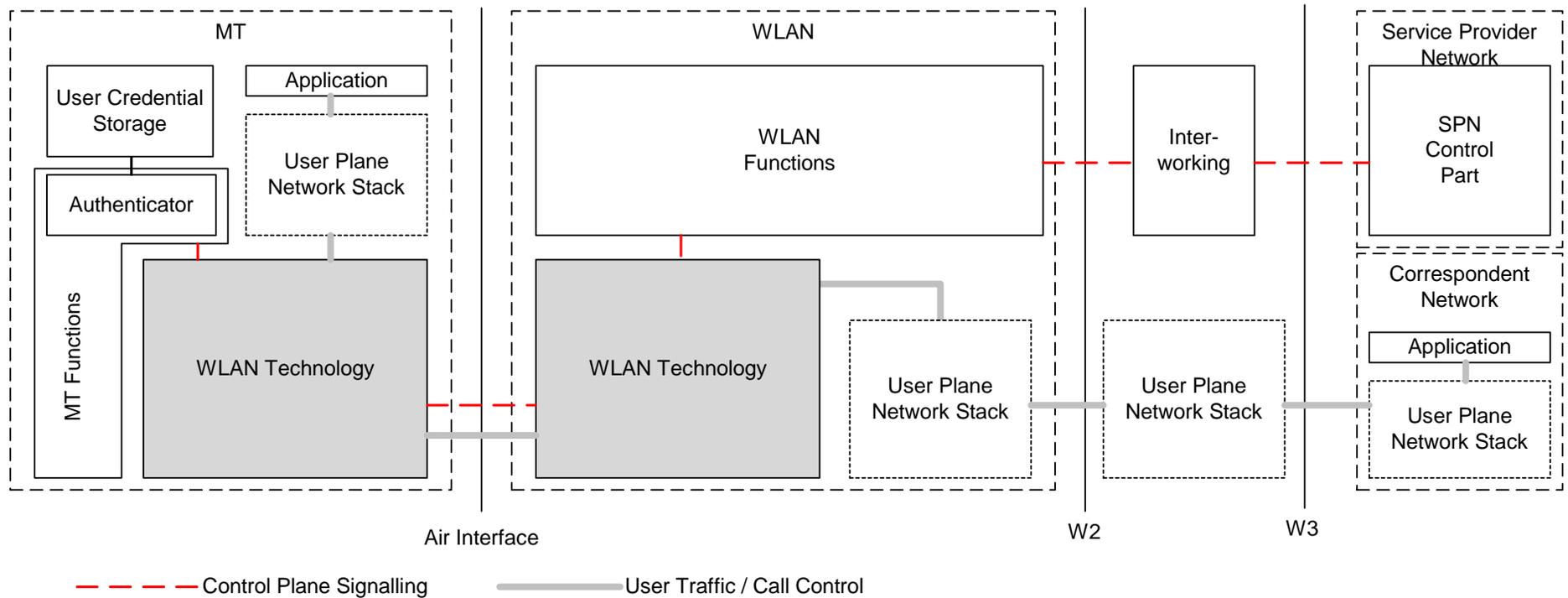
Overview of Network entities



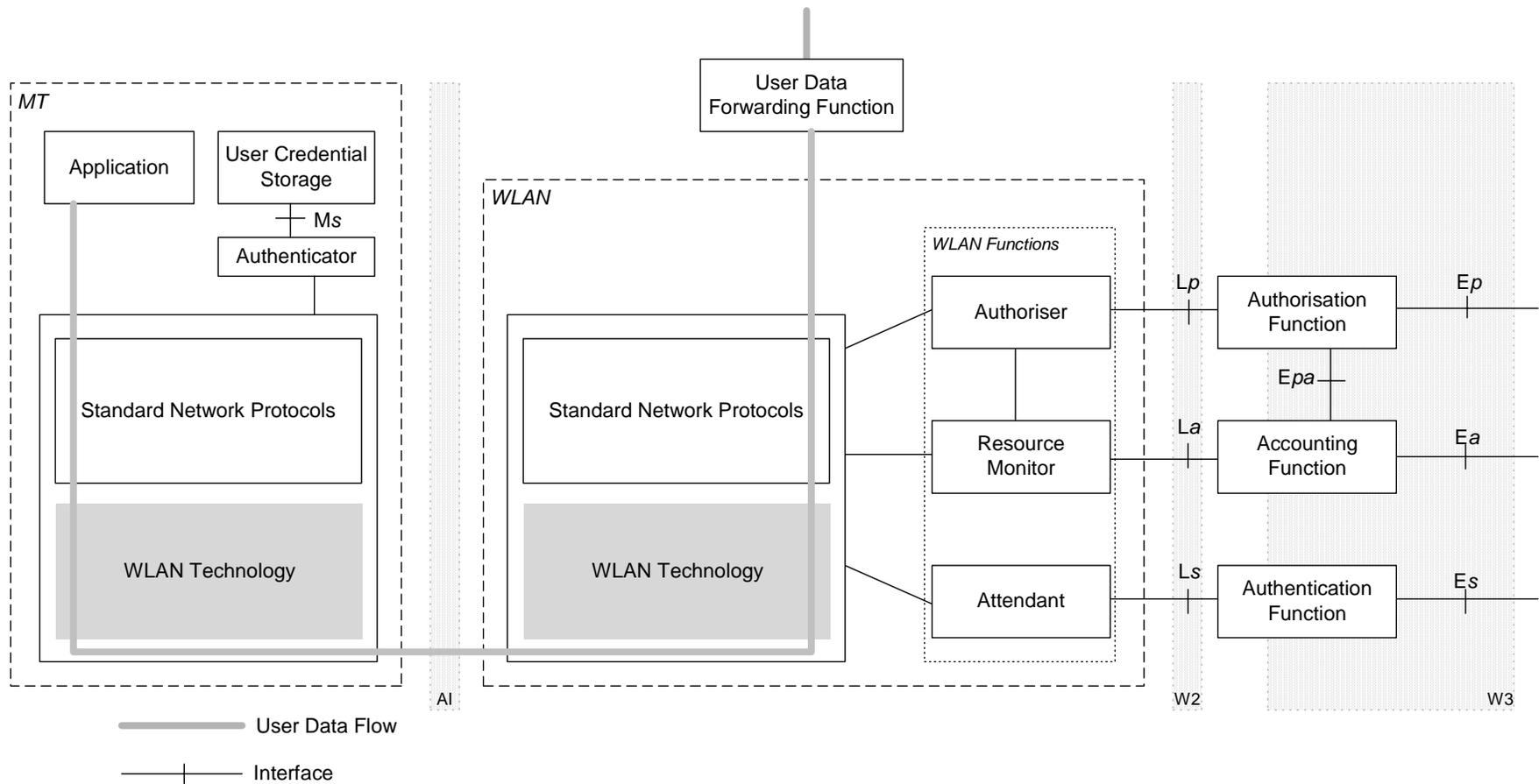
Overview of Interface Types



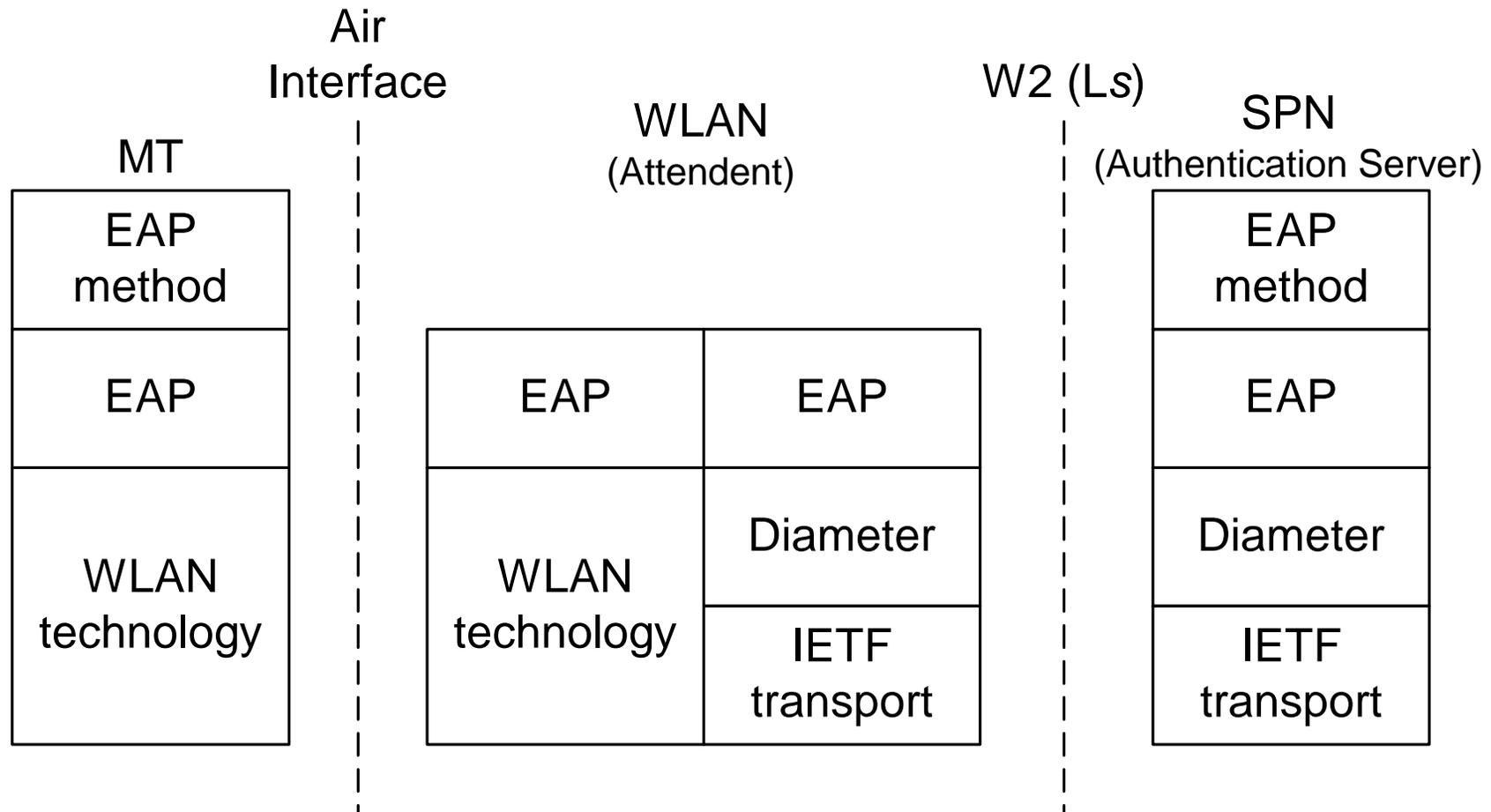
Scope of existing WLAN specifications



Reference Architecture



Protocol Stacks at the Air and Ls Interfaces



Work Plan - Phased Approach

Release 1

Content:

- Network Access Control Functions,
 - Authentication
- Network Management Functions
 - Subscriber handling
- Security Functions.
- QoS
 - Best Effort
- Basic -charging

Release 2

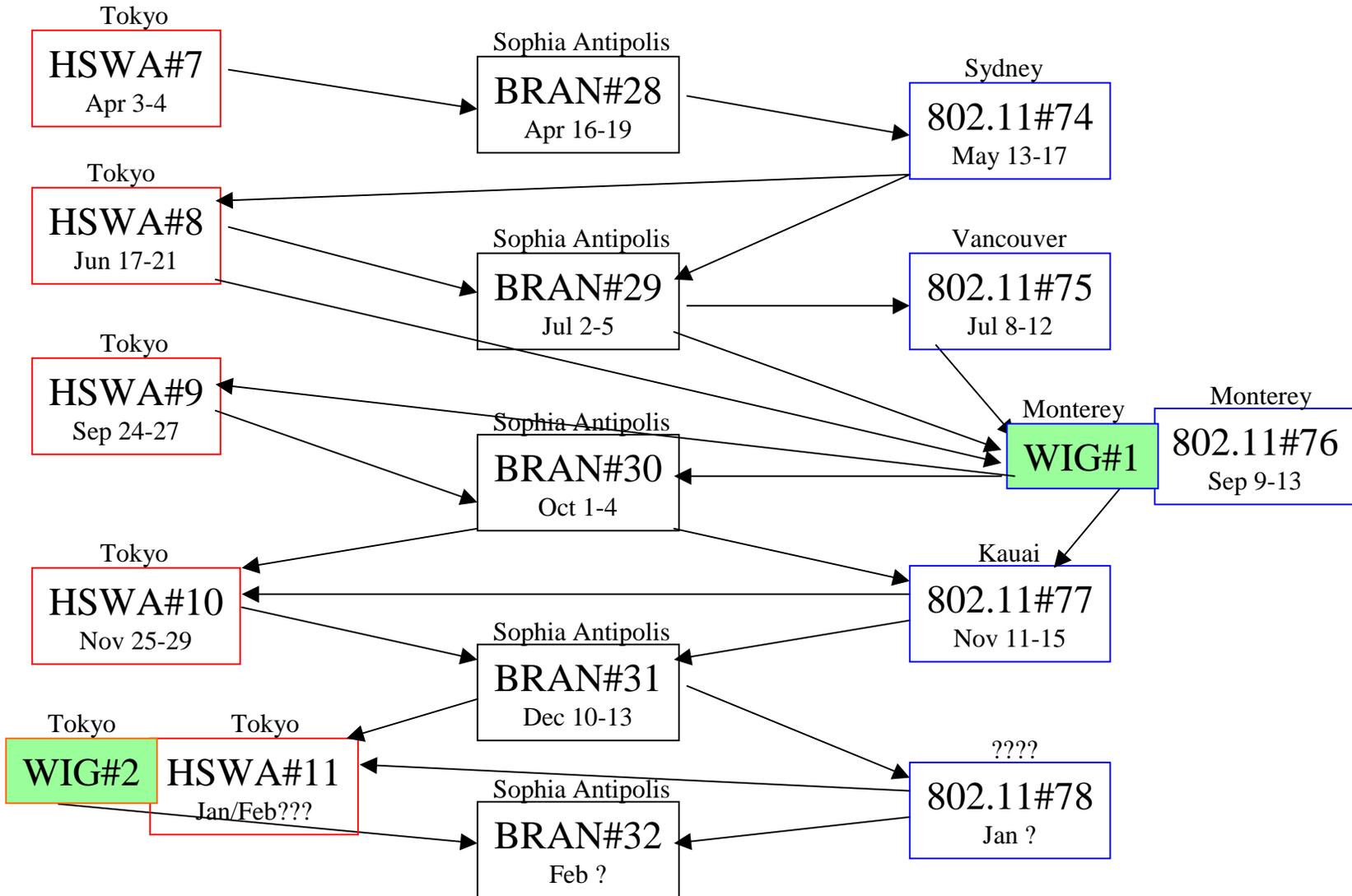
Content:

- Network Access Control Functions
 - Charging
- Network Managements Functions
- Mobility Management Functions,
 - Mobility within and between WLAN
 - Mobility between WLAN and 3G
 - Security functions
 - Subscriber Managment functions
- Service Integration
 - IP Multimedia Subsystem
 - Location Based Services
- Quality of Service,

Liaison Statements

- 3GPP
 - SA: Niels Andersen, Chairman 3GPP SA
 - SA1: Kevin Holley, Chairman 3GPP SA1
 - SA2: Puuskari Mikko, Chairman 3GPP SA2
 - SA3: Michael Walker, Chairman 3GPP SA3
- 3GPP2
 - Richard Robinson, Chairman 3GPP2 TSG-S
- GSM Association
 - Chairman of GSM Association, WLAN Task Force
- WiFi Alliance, H2GF
- WISPr
- PassOne
- IETF, Open Group

Meeting Schedule



Thanks

To subscribe to WIG, send mail to WIG reflector

WIG@list.etsi.fr