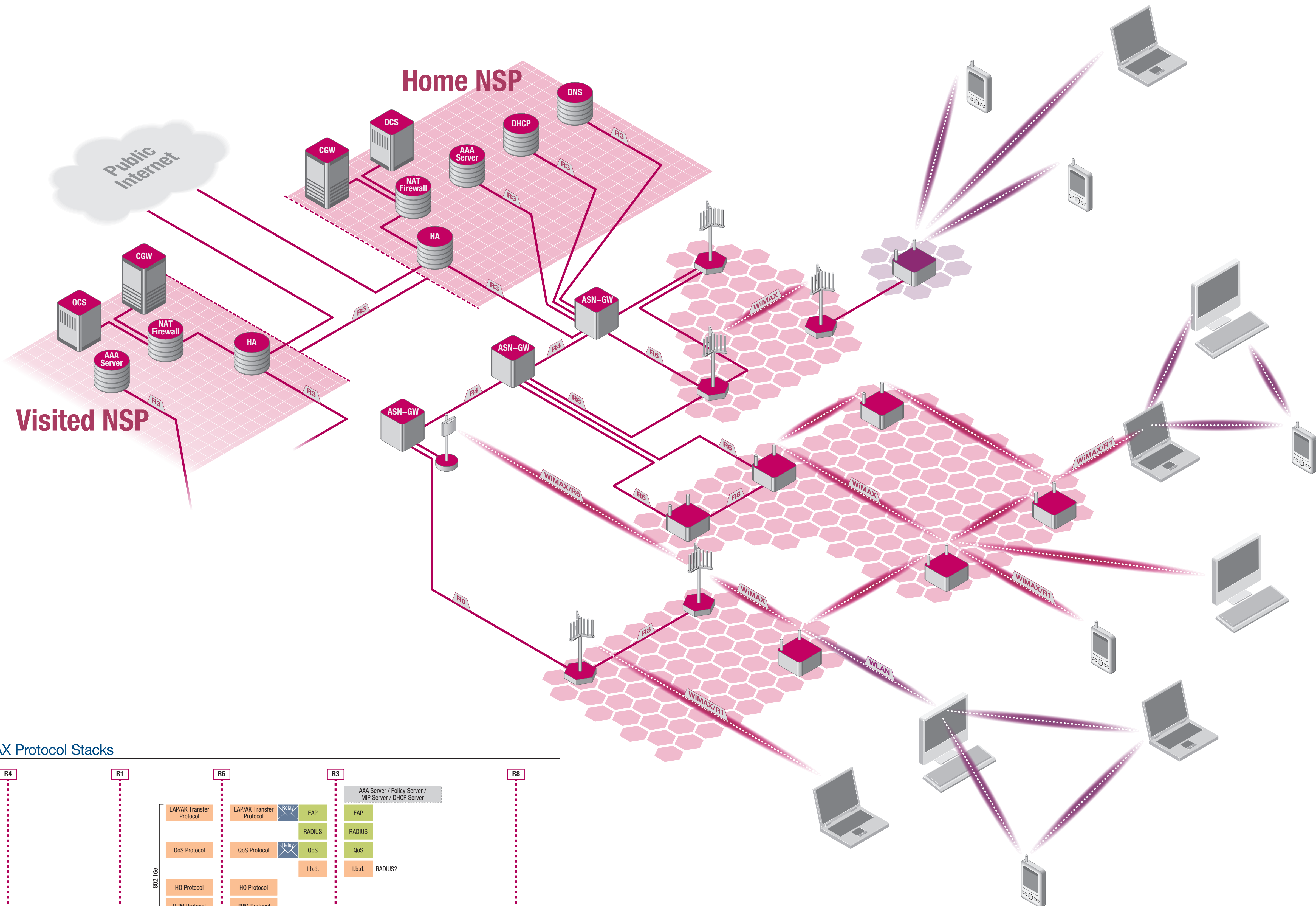


WiMAX Testing

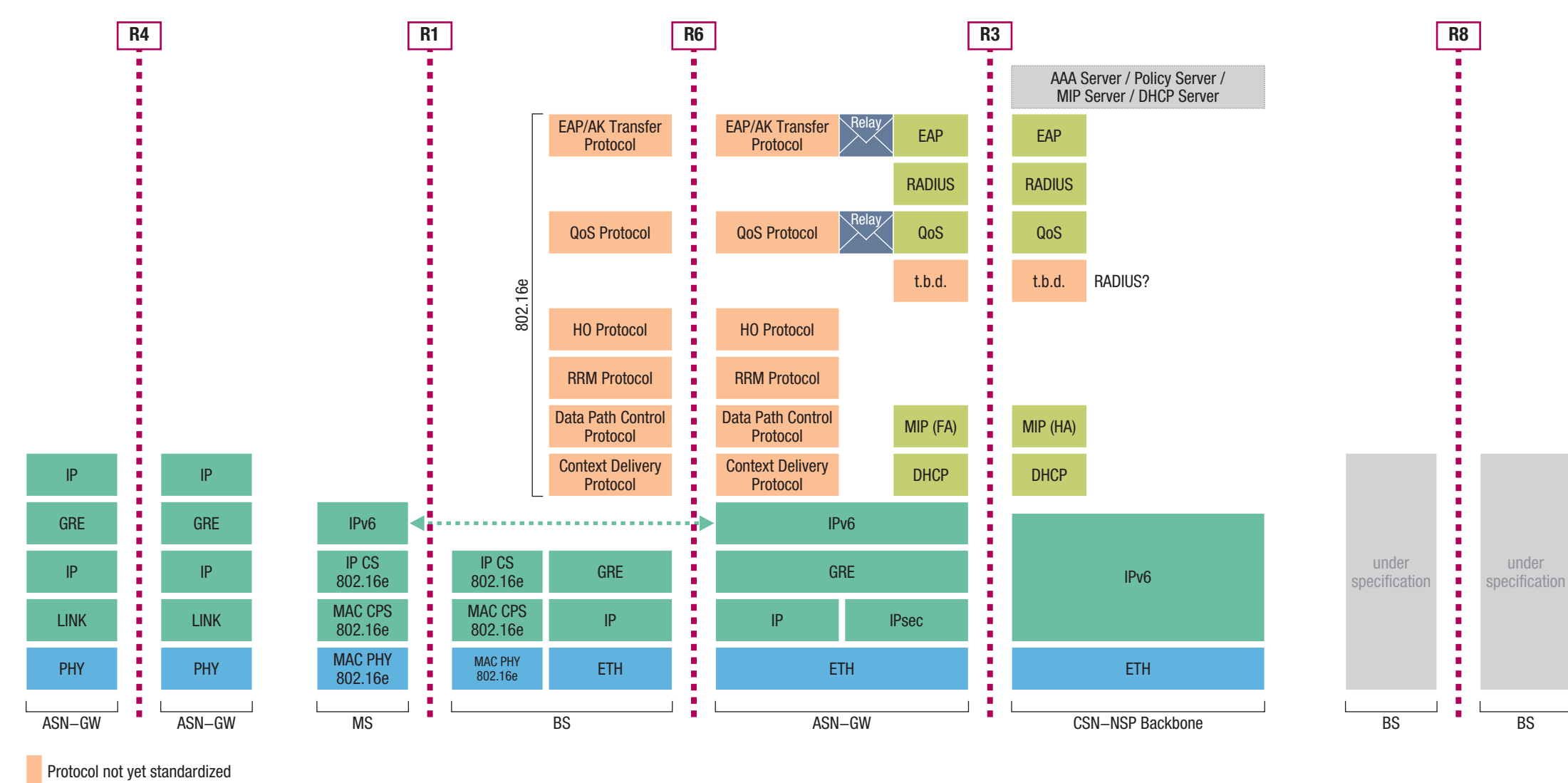
Enabling Broadband Wireless Technology



Glossary

3GPP	Third Generation Partnership Project
3GPP2	Third Generation Partnership Project 2
A	Authentication, Authorization, and Accounting
AAA Proxy	An intermediary for transparently routing and/or processing AAA messages sent between a AAA client and a AAA server
AAA Server	Computer system performing AAA services (authentication, authorization, accounting)
AAA-V	AAA proxy server located within the visited network
ASN	Access Service Network
ASN-GW	Access Service Network Gateway
ASP	Application Service Provider
B	Base Station
CID	Connection Identifier
CGW	Charging Gateway
CSN	Connectivity Service Network
D	Dynamic Host Configuration Protocol
DHCP	Domain Name Service
DNS	Dynamic Host Configuration Protocol
EAP	Extensible Authentication Protocol
FA	Foreign Agent
Fixed WiMAX	Fixed Worldwide Interoperability for Microwave Access 802.16d / 802.16-2004
G	General Packet Radio Services
GRE	Generic Routing Encapsulation
GSM	Global System for Mobile communication
GW	Gateway
H	Home Agent
HoA	MS Home Address
Hotspot	Public location such as an airport or hotel where WLAN services have been deployed
HSDPA	High Speed Downlink Packet Access
HTTP	HyperText Transfer Protocol
I	Institute of Electrical and Electronics Engineers
IEEE	Internet Engineering Task Force
IETF	Interface Identifier
ID	IP Multimedia Subsystem
IMS	IP Security - A network-layer security standard providing data privacy, integrity, and replay protection.
IPsec	Internet Protocol Version 4
IPv4	Internet Protocol Version 6
IPv6	Internet Protocol Version 6
IWF	Interworking Gateway
IWG	Interworking Gateway
M	Medium Access Control
MAC	Multimedia Broadcast/Multicast Service
MBMS	Multicast Broadcast Service
MBS	Mobile IP (Refers to both Mobile IPv4 and Mobile IPv6)
MIP	Multimedia Messaging Service
MMS	Mobile Station
MS	Network Access Identifier
N	Network Access Provider
NAI	Network Access Server
NAP	Network Address Translation
NAS	Network Management System
NAT	Network Service Provider
NMS	Online Charging System
NSP	Proxy-Call Session Control Function
O	Packet Data Gateway
OCS	Proxy-Mobile IP
P	Public Switched Telephone Network
P-CSCF	Quality of Service
PDG	Remote Access Dial In User Service, a network protocol for AAA services
PMP	Resource Reservation Protocol
PSTN	Serving-Call Session Control Function
QoS	Subscriber Identity
QoS	System Information Identity or Service Identity Information
R	Subscriber Identity Module. Smart cards used by GSM operators.
RADIUS	Simple Mail Transport Protocol
RSVP	Simple Network Management Protocol
S	Signaling System 7
S-CSCF	Transmission Control Protocol
SI	User Datagram Protocol
SIM	Universal Mobile Telecommunications System
SMTP	Voice over IP
SNMP	Virtual Private Network
SS7	Wideband Code-Division Multiple Access
T	Wireless Fidelity, refers to 802.11 standards, including 802.11b, 802.11a, and 802.11g
UDP	Worldwide Interoperability for Microwave Access, refers to 802.16 standards
UMTS	WLAN
V	Wireless local area network based on IEEE 802.11 and related standards
VPN	
W	
WCDMA	
Wi-Fi	
WiMAX	
WLAN	

WiMAX Protocol Stacks



Legend

- WLAN
- WIMAX
- WIMAX Base Station
- WIMAX Micro Base Station
- WiFi Access Point
- WIMAX Directional Antenna

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