



Release, Priority and NGN Standardization Changes

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One of the lasted topics

Second WG meeting

- Release approach and CJK requirements, TTA

Third WG meeting

- Collaboration Plan for CJK NGN, 3rd WG meeting, TTA
- Roles and Functions of CJK NGN WG for NGN Standardization, TTA
- Work Items for NGN Release 2, TTA



Assumption

- Development of a single suite of global NGN standards fit industry's interests
- It will not be possible to do everything in one release (i.e. release 1)



What others doing ...

- **ITU-T is developing a roadmap (see next slides)**
- **TISPAN will develop a list of priority issues for the work in 2006**
- **ATIS NGN Focus Group framework document**
- **Carrier and vendor groups**

Various collaborations

- **ATIS & TISPAN joint meeting on NGN and Joint 3GPP & TISPAN workshop on NGN-IMS**
- **ITU NGN workshop with IETF**

Plus

- **ITU-T FGNGN will be closed up at the end of 2005**



The ITU-T NGN roadmap (1)

Release	1	2	3
Target completion date	Mid of 2006	End of 2007	Mid if 2009
References	NGN Release 1 Description of Q.1/13 document Y.NGN-R1		
General remarks	Based on IMS Focus on architecture, capabilities, services interface UE-CSCF	interface network- network	Use of Grid principles
Discovery	PSTN/ISDN like session control Presence	---	Peer to peer
Mobility	User nomadicty supported by CSCF	---	Service layer mobility
Simulation/Emulation	Simulation of PSTN ^[1]	---	---
Multimedia Service Capabilities	Session based real time conversational services Non-real time communications like F- MMS	point-to-multipoint transmission, e.g. for TV Distribution, AV Streaming, home- entertainment Gaming	Community services



The ITU-T NGN roadmap (2)

Network Network Interface (NNI) Connectivity, Interoperability	Legacy networks, e.g. PSTN, ISDN Other networks, e.g. IMT-2000 IMS based networks others, e.g. Internet	Broadcast	---
Last Mile Technology [1]	Legacy [2] xDSL, xPON [3]	WLAN	WiMax
Concentrator/Metro Network [4]	TBD		
Customer networks/UE	TBD [5]	TBD [6] UPnP	TBD
Security	Identification, Authentication, Authorization [7], Threat Analysis [8] Spam Protection/Trusted Services TBD	Single sign-on for transport, session, applications Firewall transversal at CPE Border gateways Packet inspection	Trust by wire
Public Interest Capabilities	Support for Ordinary Emergency Calling, ETS, TDR, Lawful Interception, etc. TBD	TBD	TBD



The ITU-T NGN roadmap (3)

QoS	QoS control in access networks. Architecture and signalling requirements for functionalities based on RACF.	Traffic monitoring Traffic management	End-to-end QoS
Numbering, naming and addressing	Use existing methods, ie, E.164, domain names and ENUM	TBD	Unified user/communication identifier
Charging, accounting	Call detail records, IPDR, etc. [1]	Common charging mechanisms for services and applications	---
User database [2]	Functional architecture	Interfaces/mediations to services and applications	---
Management [3]	Corba	XML	Customer manageable IP
APIs	J2EE, TBD	TBD	Pnp, TBD
Platforms [4]	TBD	COTS	TBD

ITU –T SG13 TD 16 (WP 1/13) Geneva, 25 April - 6 May 2005



How about CJK?

- **Act to accommodate the changes**
- **Prioritize the requirements**
- **Cooperation**



· **Thanks for your attention!**