[] P2P (Peer-to-Peer)

ITU-T SG(Study Group) 17 Question 9()
P2P(Peer-to-Peer)
ITU-T Q.9/SG17 P2P P2P
가
NGN2005(2005 9) 2003 가 P2P
가 Network World
60%~89% P2P 가
P2P Instant messaging, File sharing, Distributed computing ,
VoIP, Video Streaming, Multicast, Web Caching, Game, Virtual office
P2P
P2P

P2P IETF, ITU-T, 3GPP
IETF 3GPP

1. IETF

P2P-SIP WG(Peer-to-Peer Session Initiation Protocol Working Group) 65
BoF(Birds-of-a-Feather)
가
SIP 가
Proxy SIP
SIP P2P P2P
Peer
SIP P2P

2. 3GPP

3GPP(The 3rd Generation Partnership Project) PCG(Project Co-ordination Group)
4 TSGs(Technical Specification Groups) , TSG
Service and System Aspects TSG SA WG5 Telecom Management
TM(Telecommunication Management) P2P 가
IRPs(Integration Reference Points)

ITU-T SG 17, Telecommunication

Question Q. 9/17

P2P 가 2005 10 P2P
() X.p2p-1 P2P

X.p2p-2

P2P (X.p2p-1) , Skype
가 P2P ,

MITM (Man-In-The-Middle), Sybil, Whitewashing

P2P . P2P (X.p2p-2)

P2P , P2P

. P2P

가

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P2P 가 ‘ ’ ,

P2P

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