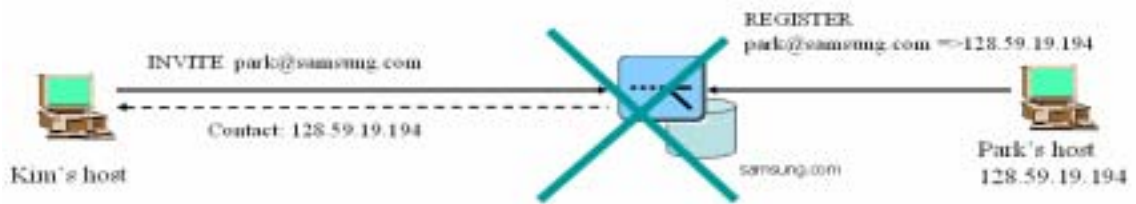


[ ] SIP : P2P SIP

가 SIP(Session Initiation Protocol)  
 IP Telephony . SIP  
 Skype , MSN . SIP ITU  
 H.323  
 SIP  
 Peer-To-Peer (P2P)  
 P2P SIP IETF  
 P2P SIP  
 SIP IETF  
 . SIP ITU-T H.323 . SIP  
 H.323  
 SIP IP Telephony SIP가  
 가 H.323 . SIP  
 가



< 1> SIP P2P SIP

SIP Registrar	
SIP Proxy Server	
STUN / TURN	NAT/Firewall

SIP  
P2P SIP 가  
. P2P SIP SIP  
( , , )가 가  
-  
가 . 1 SIP P2P SIP

**P2P SIP**

P2P SIP

IETF P2P SIP

1. 가  
, , SIP  
가 ( 가 )
2. 가
- 3.
- 4.
- 5.

**P2P SIP**

P2P SIP

SIP

가

CISCO .

P2P SIP

IP Telephony

IETF

P2P SIP가

CISCO

가

66 IETF

P2P SIP

SIP

가

( , IETF 16ng Working Group ,  
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