Setting for using UDS behind NAT Router

(KX-UDS/UDT series)

No. 42-015

September 28 , 2012

Ver.1.0

Panasonic Corporation

© Panasonic Corporation 2012

Abstract about this document

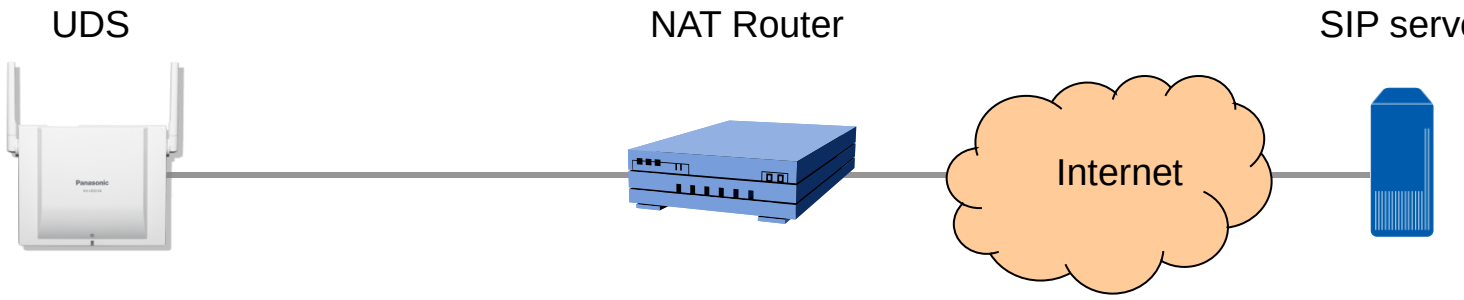
This document describes about setting for using UDS behind NAT router.
This explanation is applied to the operation in the environment of “using SBC” and “NAT subordinates”.
It is necessary to prepare SBC or SIP-ALG if there is not SBC.

Revision history

Date	Version	Revision	Firmware version
Sep 28, 2012	Ver. 1.0	Initial Release	All versions

© Panasonic Corporation 2012

Overview



If sip terminals are located behind the NAT router,
you have to set following parameter and
maintain the NAPT binding information (dynamic NAPT table).

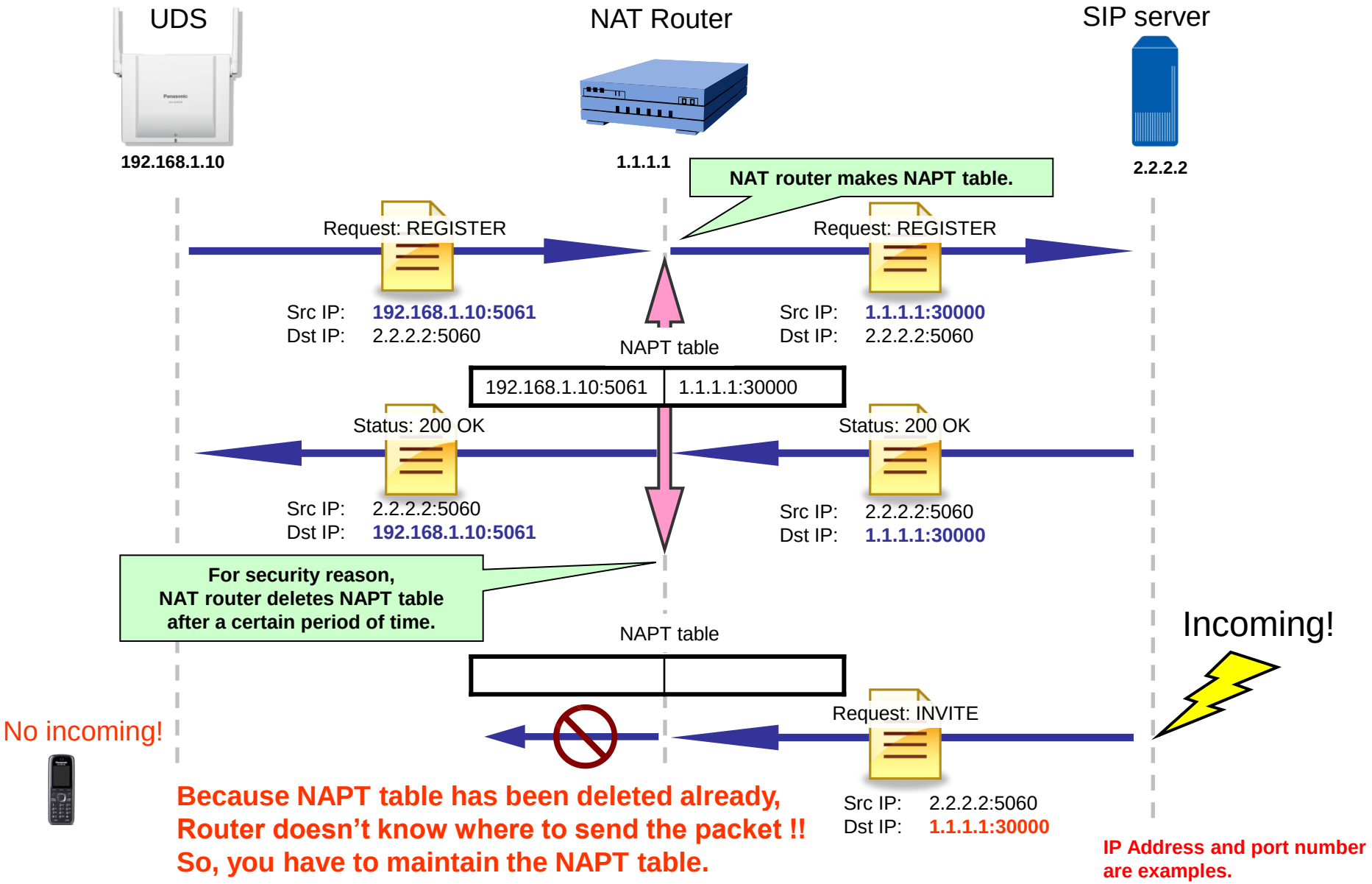
PORT_PUNCH_INTVL

Value Format	Integer
Description	Specifies the interval, in seconds, between transmissions of the Keep Alive packet to the SIP-CS in order to maintain the NAT binding information. **Note** • This setting is available only when "**SIP_TRANSPORT**" is set to "0" for UDP.
Value Range	0, 10–300 (0: Disable)
Default Value	0

If you set except “0” to this parameter,
UDS sends Keep Alive packet (bubble packet) to maintain dynamic NAPT table.

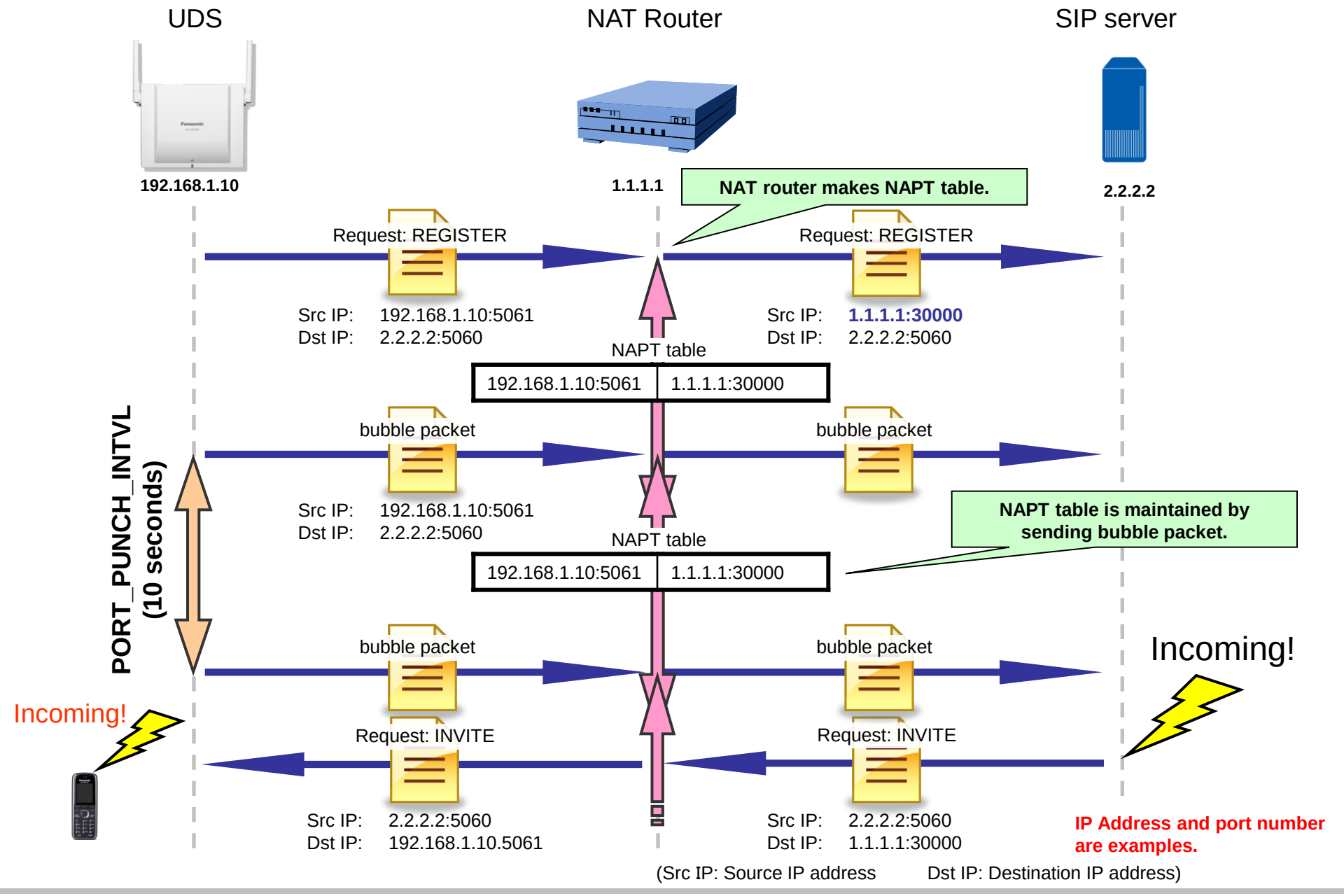
© Panasonic Corporation 2012

PORT_PUNCH_INTVL = “0” (Disable)



© Panasonic Corporation 2012

PORT_PUNCH_INTVL = “10” (example)



© Panasonic Corporation 2012