

SOURCE : JAPAN
TITLE : An example of call setup procedure in a H.32Z
terminal
Purpose : Information

1. Introduction

The call setup procedure in a H.32Z terminal is not clear yet. This document shows an example of call setup procedure between a H.32Z terminal and a H.320 terminal.

2. Physical connection

Figure 1 shows physical connection between a H.32Z terminal and a H.320 terminal [1]. Several H.32Z terminals are connected to an internet LAN. Each H.32Z terminal has its own IP (Internet Protocol) address (A-2, A-3...) and a ISDN sub-address (B-1-1, B-1-2...).

A gateway that connects H.32Z terminals to a H.320 terminal has an IP address (A-1) and a ISDN address (B-1). The gateway also has a conversion table between H.32Z terminal's IP address and ISDN sub-address. For example the conversion between ISDN sub-address A-2 and IP address B-1-1 is done by using this table.

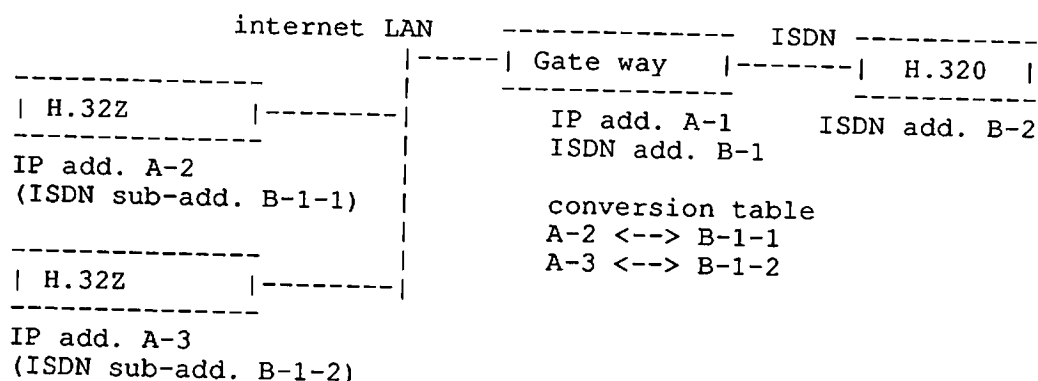


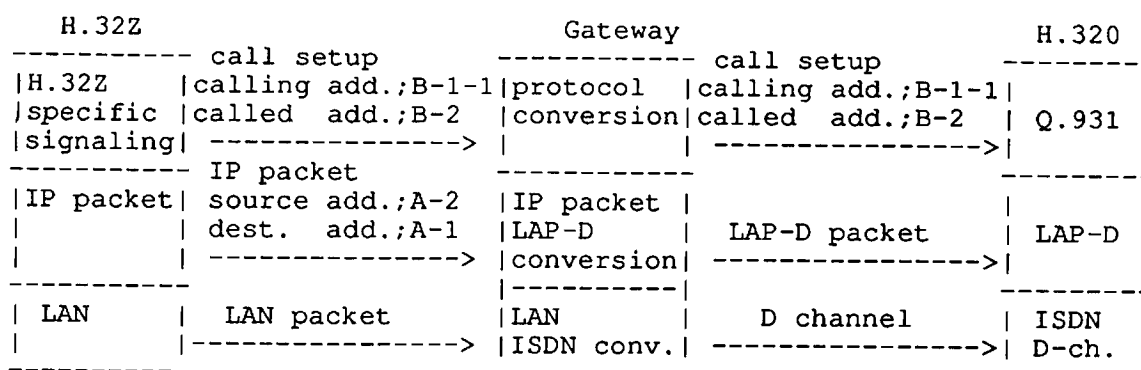
Fig. 1 Physical connection

3. Signaling procedure

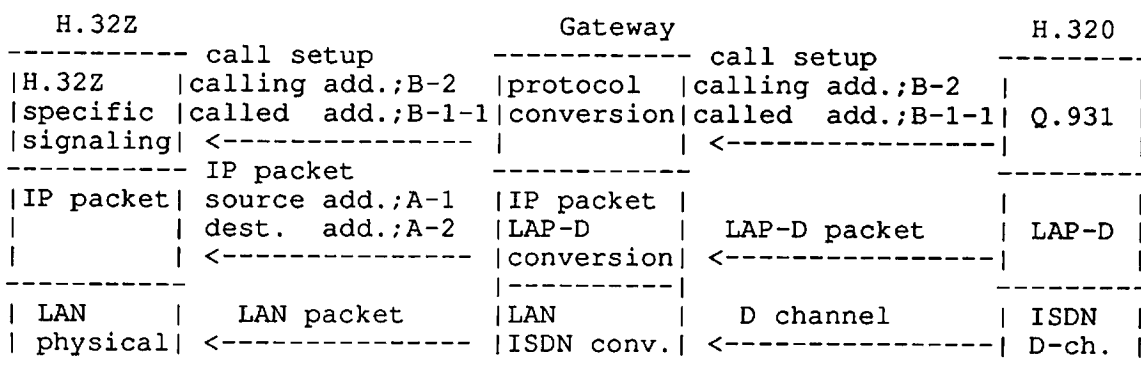
Figure 2 shows call setup procedures. The H.32Z terminal should know the gateway's IP address and a H.320's ISDN address. On the other hand a H.320 terminal should know the gateway's ISDN address (Mandatory) and the H.32Z's sub-address (Option).

The notification is as follows;

- A combination of the H.32Z terminal and the gateway works as a H.320 terminal that has ISDN sub-address.
- Call setup procedure between the H.32Z terminal and the gateway is terminated at the gateway and does not have influence on H.320 specification.



(a) Call setup from H.32Z to H.320



(b) Call setup from H.320 to H.32Z

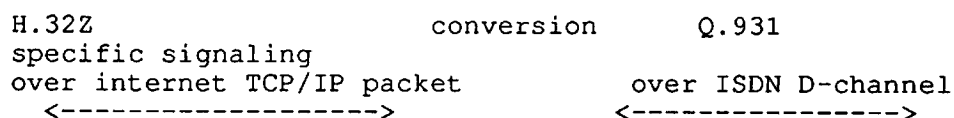


Fig. 2 Call setup between a H.32Z terminal and a H.320 terminal

4. Conclusion

This document shows an example of call setup procedure in H.32Z.

The notification is as follows;

- A combination of the H.32Z terminal and the gateway should work as a H.320 terminal.
- Call setup procedure between the H.32Z terminal and the gateway is terminated at the gateway and does not have influence on H.320 specification.

(Whether this procedure should be defined by this group needs further study.)

Reference

- [1] AVC-683; D. G. Morrison, Recommendation H.32Z, Singapore, Nov. 1994.