6. Port Mirroring (1/4)

Step 1. Configuring PC settings

Important Information

(1) The monitor PC and the monitored IPCMPR card must belong to *the same layer-2 broadcast domain (It is not possible to monitor remotely with this function).*

(2) The monitor PC needs a static IP address. Please set the monitor PC as shown below.
- IP address (FIXED)   - Subnet mask (same as IPCMPR's)

(3) If you require a static IP address, please ask your network administrator.

PC needs FIXED IP address.

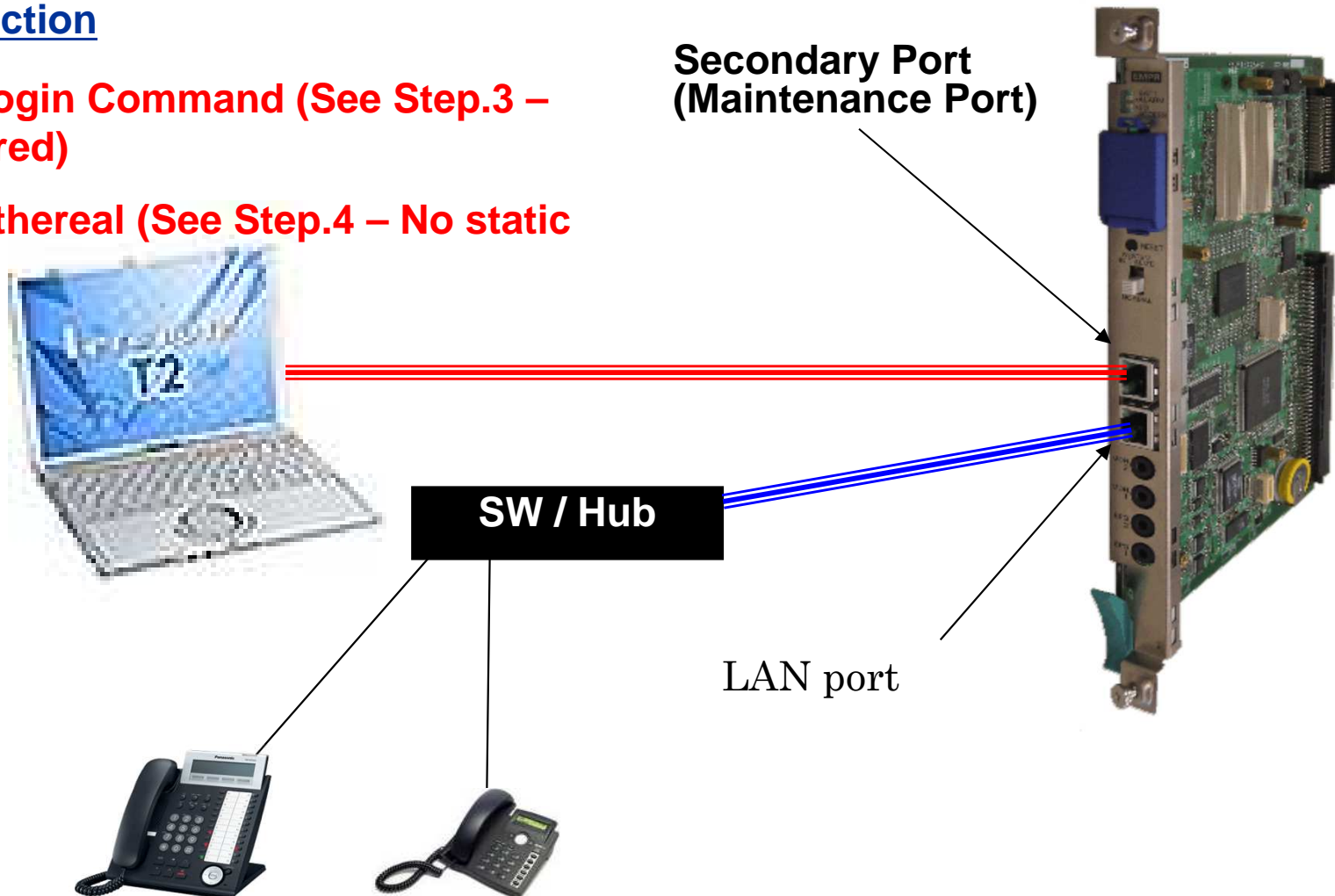•Assign a static IP address or create a DHCP reservation with NO Lease expiration on the DHCP server

Same L2 broadcast domain

6. Port Mirroring (2/4)

Step 2. Connection

PC used for Login Command (See Step.3 – static IP required)

PC used for Ethereal (See Step.4 – No static IP required)

Secondary Port (Maintenance Port)

SW / Hub

LAN port

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6. Port Mirroring (3/4)

Step.3. Set maintenance LAN port to packet mirroring mode

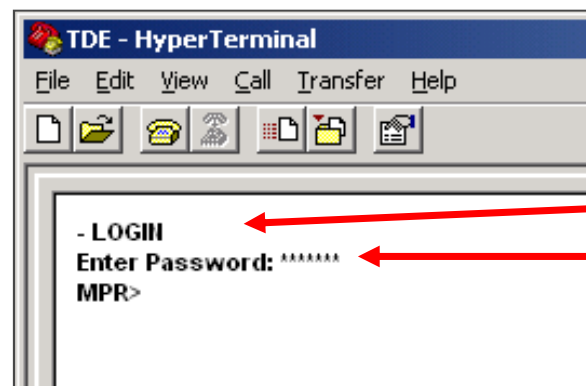**(1) Set Hyper Terminal property (From PC for login command)**
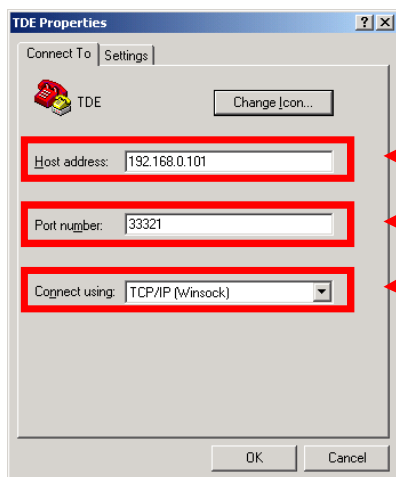
2) ICPMPR IP Address
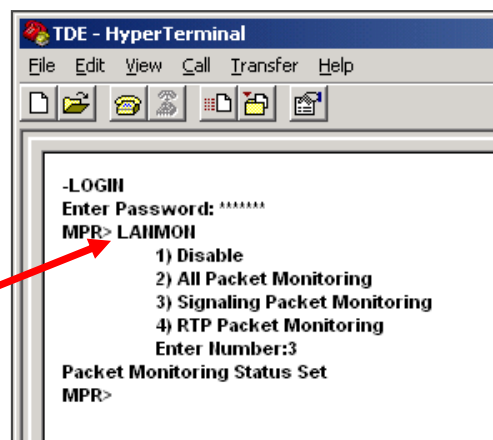
3) Login Port = 33321(Default)

1) Select TCP/IP

(2) Start Hyper Terminal
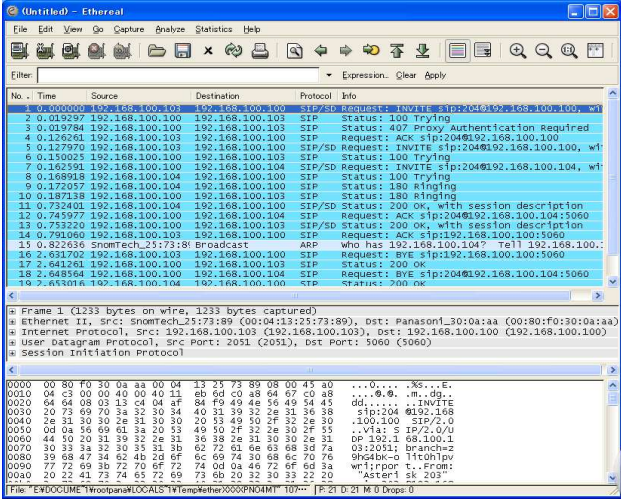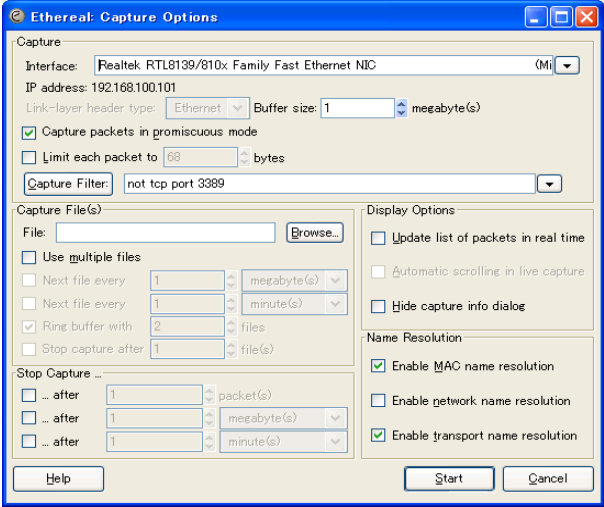

Enter "LOGIN"

Enter password

(3) Set LANMON command

Enter "LANMON"
to select mode

The port mirror configuration is **NOT** saved on restart of the TDE.

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6. Port Mirroring (4/4)

Step 4. Start Ethereal

Step 5. Duplicate the problem

Step 6. Send Ethereal capture data for analysis at PCC/PCCUK