

LAB-1

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Step 1: a hub & 2 PC's were used to create a network

Step 2: a sample PDU was simulated from PC1 to PC2.

PC1 encapsulated, HUB decapsulated, PC2

=> message received at PC2.

Step 3: to the network, a switch & 2 PC's (PC3 & PC4) are connected with the hub

Step 4: Simulating the PDU

PC1 → HUB : message sent from PC1 to HUB

HUB $\begin{matrix} \nearrow \text{Switch} \\ \searrow \text{PC2} \end{matrix}$: message sent from HUB to PC2 & switch (registed)

PC2 → HUB : message sent back from PC2 to HUB

HUB → PC1 : message sent from HUB to PC1 (dest)