

CN-Lab

Experiment - 1

Step 1: A Hub & 2 PC's were used to create a Network.

Step 2: A simple PDU was simulated from PC 1 to PC 2.

PC1 $\xrightarrow{\text{Encapsulated}}$ HUB $\xrightarrow{\text{Decapsulated}}$ PC2

\Rightarrow Message is 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 \longrightarrow HUB : Message sent from PC1 to HUB
- HUB $\begin{matrix} \longrightarrow \text{switch} \\ \longrightarrow \text{PC2} \end{matrix}$; Msg sent from HUB to PC2 & switch (Rejected at switch)
- PC2 \longrightarrow HUB : Msg sent back from PC2 to HUB
- HUB \longrightarrow PC1 : Msg sent from HUB to PC1. (Exit)