

# LAB EXPERIMENT 14 – EXPLORATION OF TCP

The screenshot displays the Cisco Packet Tracer interface. The network topology on the left shows a central switch (2960) connected to a router (ISR4331) and a PC (PC0). The PC is configured with IP 192.168.1.10. The router's S0/0/0 interface is connected to the switch's Fa0/24 interface. The switch's Fa0/24 interface is connected to the PC's Ethernet0 interface.

The central window shows the PDU Information at Device: Server0. The PDU is a TCP SYN+ACK segment. The In Layers section shows Layer 4: TCP Src Port: 1026, Dst Port: 80. The Out Layers section shows Layer 4: TCP Src Port: 80, Dst Port: 1026. The PDU details include:

- Layer 3: IP Header Src. IP: 192.168.11.2, Dest. IP: 192.168.11.10
- Layer 2: Ethernet II Header 0090.0C67.C8C8 >> 0050.2F00.5AA1
- Layer 1: Port FastEthernet0

The right panel shows the Event List with a table of events:

Vis.	Time(sec)	Last Device	At Device
0.000	-	-	PC0
0.001	PC0	Switch0	Server0
0.002	Switch0	Server0	Switch0
0.003	Server0	Switch0	PC0
0.004	-	-	PC0
Visible 0.005	PC0	Switch0	PC0
0.006	PC0	Switch0	Server0
0.007	Switch0	Server0	Switch0
0.008	Server0	Switch0	PC0
0.009	Switch0	PC0	PC0
0.009	-	-	PC0

The bottom status bar shows the time as 00:14:29.806 and the play controls. The bottom right corner shows the system clock as 13:51 on 24-09-2025.