Evaluating network performance of Ubuntu, Fedora, and Kali Linuxconfigured as software routers in a 4-computer (2 clients, 2 routers) daisy chain network topology (Figure 2).  
The evaluation will:

* Use TCP and UDP protocols.
* Test on both IPv4 and IPv6.
* Employ D-ITG for traffic generation.,
* Measure throughput, delay, jitter, and packet loss.
* Test with packet sizes ranging from 128 byes to 1536 bytes.
* Require a minimum of ten runs per evaluation.
* Follow the Software Testing Life Cycle (STLC) methodology.