

CC-LEI 2022

The diagram illustrates a network topology for the CC-LEI 2022 competition. It features a central **Rede Backbone (Core Network)** connected to four **LANs** (LAN1, LAN2, LAN3, LAN4).

Core Network (Rede Backbone):

- Consists of 7 routers (Router1 to Router7) connected in a mesh topology.
- IP addresses for routers are provided for each interface.

LANs:

- LAN1:** Connected to Router1 and Router2. Contains Switch1 and three PCs (Portatil1, Portatil2, Portatil3).
- LAN2:** Connected to Router1 and Router3. Contains Switch2 and three servers (Servidor1, Servidor2, Servidor3).
- LAN3:** Connected to Router6 and Router7. Contains Switch3 and three PCs (Foca, Golfinho, Orca).
- LAN4:** Connected to Router4 and Router5. Contains Switch4 and three PCs (Cigarra, Vespa, Grilo).

Legend:

- Link 1.0 Gbps, 100 microsec (green)
- Link 100 Mbps, 5 milisec, loss=5%, dup=10% (cyan)
- Link unlimited (red)

