

**Instituto Tecnológico de Cancún**

**Fundamentos de Telecomunicaciones**

**Software-defined networking (SDN)**

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It is an approach to the IT structure (They are necessary elements to operate and manage business environments) that isolate resources from a virtualized system, it also separates sent from the network control functions for design a network that can be programmed and managed.

The benefits are:

- Lower cost
- Greater scalability and flexibility
- Simplified Management

Source of information:

[https://www.redhat.com/es/topics/hyperconverged-infrastructure/what-is-software-defined-networking#:~:text=Las%20redes%20definidas%20por%20software%20\(SDN\)%20son%20un%20enfoque%20de,y%20gestionarse%20de%20forma%20centralizada.](https://www.redhat.com/es/topics/hyperconverged-infrastructure/what-is-software-defined-networking#:~:text=Las%20redes%20definidas%20por%20software%20(SDN)%20son%20un%20enfoque%20de,y%20gestionarse%20de%20forma%20centralizada.)