



INSTITUTO TECNOLÓGICO DE CANCÚN

ASIGNATURA: FUNDAMENTOS DE TELECOMM

**CARRERA: INGENIERÍA EN SISTEMAS
COMPUTACIONALES**

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It is a network architecture created on the basis of software that uses APIs to be able to separate the administration functionalities and the network structure in order to offer greater dynamism and ease when updating the network by administrators

Here are some advantages of using a SDN:

- Implementation of a more effective security function
- Reduce complexity
- Support dynamic movement, replication, and virtual resource allocation
- Ease the administrative burden of setting up and provisioning features such as QoS and security
- Make better use of network resources

Source:

<https://www.citrix.com/es-mx/glossary/what-is-software-defined-networking.html>

https://www.ciena.com.mx/insights/what-is/What-is-SDN_es_LA.html#:~:text=Las%20redes%20definidas%20por%20software,%22%2C%20utilizando%20aplicaciones%20de%20software.