



**Instituto Tecnológico de Cancún**

**Materia:**

**Fundamentos de telecomunicaciones**

**Tarea:**

**Concepto de SDN**

**Software-defined networking (SDN)**

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Software-defined networks (SDNs) are an architectural approach to the network that allows the network to be intelligently and centrally controlled, or "programmed", using software applications. This helps operators manage the entire network consistently and comprehensively, regardless of the underlying network technology.

SDN enables programming of network behavior in a centrally controlled manner using software applications that use open APIs. By opening generally closed network platforms and implementing a common SDN control layer, operators can manage the entire network and its devices consistently, regardless of the complexity of the underlying network technology.

**Source of information:**

*SDN*. (2017). SDN. [https://www.ciena.com.mx/insights/what-is/What-is-SDN\\_es\\_LA.html](https://www.ciena.com.mx/insights/what-is/What-is-SDN_es_LA.html)